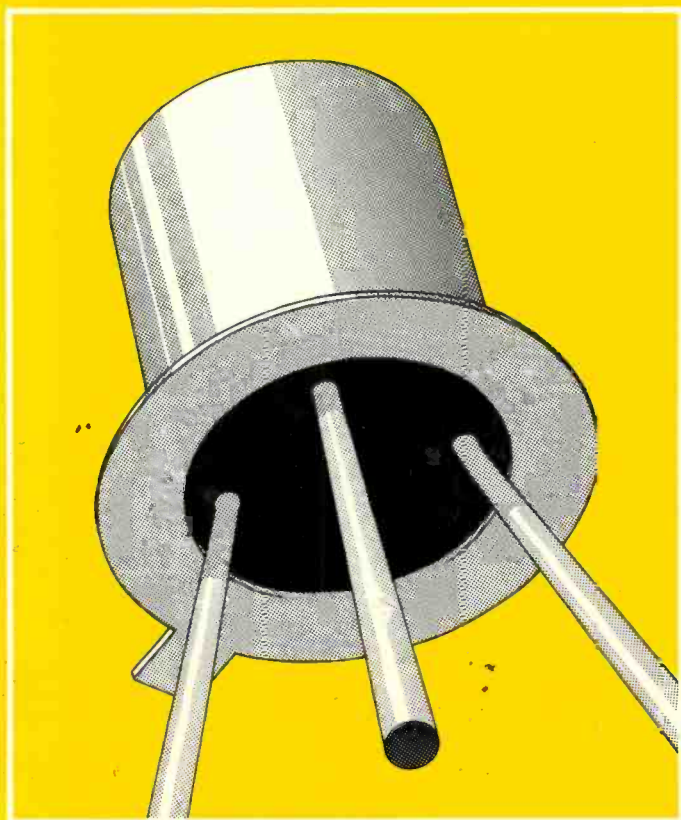


International Transistor Equivalents Guide

ADRIAN MICHAELS



**INTERNATIONAL
TRANSISTOR EQUIVALENTS GUIDE**

ALSO BY THE SAME AUTHOR

- BP108 International Diode Equivalents Guide
- BP140 Digital IC Equivalents and Pin Connections
- BP141 Linear IC Equivalents and Pin Connections

**INTERNATIONAL
TRANSISTOR EQUIVALENTS GUIDE**

by
ADRIAN MICHAELS

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International transistor equivalents guide

1. Transistors

I. Title

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NOTES ON USING THIS BOOK

It must be realised by all users of transistors, that it is impossible to guarantee absolute equivalents.

It should be noted that the equivalents quoted in columns 5 to 9 of this book, may differ slightly in electrical and/or mechanical characteristics to those shown in column 1.

It is therefore recommended, especially in critical circuits, to check against the original, the detailed characteristics of possible equivalent transistors by using the manufacturers' current specification or data sheets, before a substitution is made.

The following abbreviations for colours have been used throughout this book:

b = black

v = violet

w = white

br = brown

or = orange

gn = green

gr = grey

r = red

ye = yellow

bl = blue

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
1	2	3	4	5	6	7	8	9	10

1. TYPE Alpha-numerical transistor index

2. M/S Material/Sort

- C complementary transistor
NPN/PNP
- DG dual germanium transistor
- DJ dual junction transistor
- DS dual silicon transistor
- FET field effect transistor
- G germanium transistor
- GD germanium Darlington transistor
- J junction FET (JFET)
- M MOSFET
- ME multiple-emitter transistor
- MOS metal oxide semiconductor
- P photo-transistor
- PU programmable unijunction transistor
- S silicon transistor
- SD silicon Darlington transistor
- SF silicon FET
- TA multiple transistor
- U unijunction transistor

3. POL Polarity

- N NPN transistor or N-channel
- P PNP transistor or P-channel
- PN unijunction transistor

4. MANUFAC Manufacturer (see separate table)

5, 6. EUROPEAN European equivalent
(...) near equivalent

7, 8. AMERICAN American equivalent
(. . .) near equivalent

9. JAPANESE Japanese equivalent

10. USE

01	amplifier
02	high frequency amplifier
03	high power high frequency amplifier
04	light-sensitive amplifier
05	multiple amplifier
06	high power amplifier
07	switching amplifier
08	multiple switching amplifier
09	high power switching amplifier
10	switching transistor
11	high frequency switching transistor
12	chopper
13	high speed switching transistor
14	high speed high power switching transistor
15	general purpose transistor
16	high power switching transistor
17	low power switching transistor
18	television amplifier HF
19	television amplifier LF
20	special computer transistor
21	photodetector
22	radiation detector
23	matched transistor

MANUFACTURER

- A AMS Advanced Memory System
- AE AEI Semiconductors Ltd.
- AM Amperex Electronic Corp.
- AT Ates (SGS) Componetti SpA
- BG Bogue Electric Mfd.
- BL Bharat Electronics
- BT Burns and Towne Inc.
- CA Carter Semiconductor Inc.
- CB CBS Electronics
- CE Calvert Electronics Inc.
- CI CSR Industries Semiconductor Div.
- CL Clairex Electronics Div.
- CN Continental Semiconductor
- CO Cosem-Sescosem
- CR Crystalonics Div. Teledyne
- CV Clevite Transistor
- DD Delco Electronics Div. General Motors
- DT Delsa-Toshiba
- EI Elcoma Div.
- ES Electro-State Industries Inc.
- ET Electronic Transistor Corp. ETC
- F Fairchild Semiconductor Corp.
- FE Ferranti Ltd.
- FR Franel Corp.
- FU Fujitsu Ltd.
- GE General Electric Corp. GEC
- GI General Instrument Corp. GIC
- GP Germanium Power Devices Corp.
- GX General Sensor Inc.
- HI Hitachi Ltd.
- HS Helios Semiconductor
- HW Honeywell Semiconductor
- IC Industro Transistor Corp.
- ID International Diode Corp.
- II International Devices Inc.
- IL Intersil
- IN Intermetall/ITT Semiconductor Div.

IS Iskra
IT ITT Semiconductors
KE Kemtron Electronic Products
KM KMC Semiconductor Corp.
KS KSC Semiconductor Corp.
LI Lignes Télégr. et Téléph.
LU Lucas Joseph Electr. Ltd.
MA Matsushita Electronic Corp.
MB MBLE Manufacture Belgique de Lampes
et de Matériel Electronique
ME Micro Electronics Corp.
ML Mistral SpA
MN Miniwatt Div. of Philips Electronics
MO Motorola Semiconductor Prod.
MT Mitsubishi Electric Corp.
MU Mullard
NI Nippon Electric Comp. (NEC)
NP New Jersey Semiconductor Prod.
NS National Semiconductor Corp. NSC
NT Newmarket Transistor Ltd.
NU Nucleonic Products Co.
PC Philco Corp. Micro-Electr. Div.
PE Philips Electron Devices
PH Philips Gloeilampenfabrieken
PI Pirgo Electronics
PP Power Physics Corp.
PT Power Tech. Inc.
RA RTC La Radiotechnique Compelec
RC RCA Corp.
RY Raytheon Comp. Semiconductor Div.
RZ RIZ - Tvornica Poluvodica
S Siemens AG
SA Sanken Electric Co. Ltd.
SB Société Indus. de Liaisons Electriques
SD Solitron Devices
SE Sescosem (Thomson - CSF)
SF Silec Semiconductor
SG SGS (Ates) Semiconduttori
SH Shindengen Electric
SL Semitron Ltd.

SM Simicoa
SN Sanyo Electric Corp.
SO Sony Corp.
SP Sprague Electric Corp.
SQ Solid State Devices
SR Semitronics Corp.
SS Solid State Industrie
ST Standard Telephone and Cables Ltd.
SU Solid Power Corp.
SV Solid State Scientific
SX Siliconix Inc.
SY Sylvania Electric Inc.
SZ Silicon Transistor Corp.
Se Semi-Elements Inc.
Ss Société Européenne de Semicond.
St Semiconductor Technology
TA Transistor AG
TC Toyo Electronic Ind. Corp.
TD Tadiran
TE Teledyne Semiconductor Corp.
TF Telefunken - AG/AEG
TH Thorn - AEI Radio
TJ Tokyo Shibaura Electric
TK TE-KA-DE
TO Toshiba
TR Transistron Electronic Corp.
TT Trans-Tek Manufacturing Co.
TW TRW Electronics Inc.
TX Texas Instruments
UN Unitrode Corp.
UP UPI Semiconductor
UT Uni-Tran Semiconductor
UK United Kingdom
V Valvo GmbH
W Westinghouse Electric Corp.
WA Walbern Devices
WE Western Electric
Y Yaou Electric Corp.

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
A5T3821	J	N	TX			2N4302			
A5T3822	J	N	TX			2N4303			
A5T3823	J	N	TX			U1837E			
A5T3824	J	N	TX			U1837E			
A5T5460	J	P	TX			P1118E			
A5T5461	J	P	TX			P1117E			
A5T5462	J	P	TX			2N4360			
A157A	S	N	AM	8C107		A157			
A157B	S	N	AM	8C107		A157			
A158	S	N	AM	8C107		A157			
A158A	S	N	AM	8C107		A157			
A158B	S	N	AM	8C107		A157			
A158C	S	N	AM	8C107		A157			
A159B	S	N	AM	8C109		A159			
A159C	S	N	AM	8C109		A159			
A178	S	P	AM	8C177		A177			
A178A	S	P	AM	8C177		A177			
A178B	S	P	AM	8C177		A177			
A179A	S	P	AM	8C179		A179			
A179B	S	P	AM	8C179		A179			
A192	J	N	AM			2N3823	E304		
A6105	J	N	AM			MPF266	E420		
A747A	S	N	AM	8C147		A747			
A7473	S	N	AM	8C147		A747			
A748B	S	N	AM	8C147		A747			
A748C	S	N	AM	8C147		A747			
A749B	S	N	AM	8C149		A749			
A749C	S	N	AM	8C149		A749			
AC105	G	P	TF	AC173	AC153	2N2706	2N291	2S8220	01
AC106				AC153V1	AC128	2N2431	2N4106		01
AC106				AC131	AC152				01
AC106	G	P	TF	AC126	AC131	2N311	2N2431	2S8220	01
AC106				AC153	AC153V11	2N4106			01
AC108				AC173					01
AC107	G	P	PH, V, MU, MB	AC126	AC128	2N406			01
AC107				AC151	AC151V				01
AC107				AC122	AC172				01
AC107N	G	P	NT	AC126		2N406			01
AC108	G	P	S	AC122R	AC125	2N406	2N506	2S8219	01
AC108				AC151V	AC163	2N2429			01
AC109	G	P	S	AC122G	AC126	2N406	2N506	2S8219	01
AC109				AC151V	AC163	2N2429			01
AC110	G	P	S	AC122GR	AC126	2N506	2N2429	2S8219	01
AC110				AC126	AC151V1	2N2431			01
AC110				AC151V11	AC163				01
AC110				AC173					01
AC113	G	P	TH, AE	AC172	AC122R	2N406			01
AC113				AC125	AC151				01
AC113				AC151V	AC151V				01
AC113				SF T353					01
AC114	G	P	TH, AE	AC122G	AC126				01
AC114				AC126	AC151V				01
AC114				AC151V	SF T353				01
AC115	G	P	TH, AE	AC122R	AC126				01
AC115				AC126	AC151V				01
AC115				AC151V	AC160				01
AC116	G	P	TF	AC121V	AC176	2N610	2N2429	2S8415	01
AC116				AC151	AC163				01
AC118				AC188K					01
AC116gn	G	P	TF	AC121V1	AC116				01
AC116gn				AC126	AC151V				01
AC116ye	G	P	TF	AC116	AC121	2N2429		2S875	01
AC116ye				AC126	AC151				01
AC117	G	P	TF	AC126	AC128K	2N467	2N2431	2S8370A	01, 06
AC117				AC152	AC153	2N4106	2N249	2S8415	01, 06
AC117				AC153KV11	AC188K				01, 06
AC117R	G	P	TF	AC117	AC128				01
AC117R				AC153					01
AC118	G	P		AC117	AC128				01
AC118				AC153					01
AC119	G	P		AC117	AC128				01
AC119				AC153					01
AC120	G	P	S	AC117	AC121		2N2431	2S8222	01
AC120				AC124	AC176	2N467			01
AC120				AC153		2N2706			01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AC120IV	G	P	S	AC121IV					01
AC120V	G	P	S	AC121V					01
AC121	G	P	S	AC117	AC128	2N2431	2N2708	2S8156A	01
AC121				AC152	AC153			2S8415	01
AC121V	G	P	S	AC128	AC152IV	2N2708			01
AC121V	G	P	S	AC128	AC152V	2N2708			01
AC121V1	G	P	S	AC128	AC152V1	2N2708			01
AC121V11	G	P	S	AC128	AC153V11	2N2708			01
AC122	G	P	TF	AC122	AC125		2N508	2S8364	01
AC122				AC150	AC151	2N2429		2S8459	01
AC122				AC162					01
AC122A	G	P		AC125	AC151IV				01
AC122A				SFT353					01
AC122V	G	P		AC122	AC128				01
AC122V				AC151V11	OC30511				01
AC122V				SFT353					01
AC122W	G	P		AC126	AC151				01
AC122W				SFT353					01
AC122gn	G	P	TF	AC122	AC125				01
AC122gn				AC126	AC151V1				01
AC122gn				OC304111	SFT353				01
AC122r	G	P	TF	AC122	AC125				01
AC122r				AC151IV	SFT353				01
AC122v	G	P	TF	AC151V11					01
AC122w	G	P	TF	AC163					01
AC122ye	G	P	TF	AC122	AC125				01
AC122ye				AC151V	SF 353				01
AC122/30	G	P	TF	AC126	(AC151)				01
AC122/30				ASY48					01
AC122/30b	G	P	TF	AC122	ASY48				01
AC122/30gn	G	P	TF	(AC151V11)	ASY48V1				01
AC122/30r	G	P	TF	(AC151V11)	ASY48V1				01
AC122/30v	G	P	TF	SFT353					01
AC122/30ye	G	P	TF	(AC151V111)	ASY48V1				01
AC122/30ye				(AC151V1)	ASY48V				01
AC122/30ye				SF 353					01
AC123	G	P	TF	AC126	AC152	2N613	2N2429	2S856A	01
AC123				AC188K	ASY48			2S875A	01
AC123				ASY48V					01
AC123gn	G	P	TF	AC123	AC126				01
AC123gn				(AC151V11)	ASY48				01
AC123gn				ASY48V1					01
AC123ye	G	P	TF	(AC151V1)	ASY48V				01
AC124	G	P	TF	AC128	AC128K	2N2431	2N4106	2S867	01, 06
AC124				AC153	(AC153KV11)				01, 06
AC124				AC188K	OC72				01, 06
AC124K	G	P		AC128K	AC153K				01
AC124R	G	P	TF	AC128R	AC153IV				01
AC124R				AC153V					01
AC125	G	P	PH, V	AC122	AC151	2N406	2N2428	2S8415	01
AC125				AC162	AC163	2N2429		2S8415	01
AC126	G	P	PH, V	AC151	AC163	2N506	2N2429	2S8383	01
AC126				AC171				2S8415	01
AC127	G	N	PH, MU, V, S	AC176	AC179	2N2430		2S096	01
AC127								2SD105	01
AC127z	G	N		AC176		2N2430			01
AC127/01	G	N	PH, RA, MU	AC176	AC176K	2N2430			01
AC128	G	P	PH, V, AM, BL, MN	AC117	AC117R	2N467	2N1373	2S8370	01, 06
AC128				AC124	AC153	2N2431	2N2706	2S8415	01, 06
AC128				AC153V1		2N4108			01, 06
AC128	G	P	PP, RA, MU, MQ, SG	AC117	AC117R	2N467	2N1373	2S8370	01, 06
AC128				AC124	AC153	2N2431	2N2706	2S8415	01, 06
AC128				AC153V1		2N4108			01, 06
AC128K	G	P	PH, V, MB	AC117K	AC128	2N4108		2S8415	01
AC128K				AC153K	AC153KV1				01
AC128K				AC188K	OC308				01
AC128/01	G	P	PH, RA, MU	AC153KV1	AC188K				01, 06
AC129	G	P	TF	AC122	AC125			2S846	01
AC129				AC151	AC151V				01
AC129				OC58	OC59				01
AC129				OC60					01
AC129b	G	P	TF	AC151					01
AC129v	G	P	TF	AC151	AC122				01
AC129ye	G	P	TF	AC151				2S847	01
AC129ye				AC125					01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AC130	G	N	PH,V,RA	AC127	AC153V	2N2430			01
AC130				AC190					01
AC131	G	P	TF	AC128	AC152	2N1924	2N2431	2S8370A	01, 06
AC131				AC153	AC153V1	2N2706		2S8415	01, 06
AC131				AC180					04, 06
AC131/30	G	P	TF	AC128	AC163				08, 06
AC131/30				(AC153V1)					09, 06
AC132	G	P	PH, V, AM, BL, MN	AC125	AC131	2N406	2N1924	2S8364	01, 06
AC132				AC151V1	AC152			2S8396	01, 06
AC132				AC182	AC184				01, 06
AC132	G	P	PP, RA	AC126	AC131	2N406	2N1924	2S8364	01, 06
AC132				AC151V1	AC152			2S8396	01, 06
AC132				AC182	AC184				C1, 06
AC132/01	G	P	PH, RA	AC153V	AC188K	2N2706			01, 06
AC134	G	P	AT	AC121V	AC122ye	2N406			01
AC134				AC126	AC1511V				01
AC134				AC151V	AC173				01
AC134				OC71					01
AC136	G	P	AT	AC121V	AC122ye	2N408	2N2431		01
AC136				AC126	AC126				01
AC136				AC151V	AC151V1				01
AC136	G	P	AT	AC122ye	AC125	2N109	2N217		01
AC136				AC126	AC131/30	2N2431			01
AC136				AS*48V1	AC151V				01
AC136				AC151V1					01
AC137	G	P	AT	AC121V1	AC126	2N2431			01
AC137				AC126	AC151V11				01
AC137				AC171					01
AC138	G	P	AT	AC122r	AC125	2N456	2N2706	2S42	01
AC138				AC152	AC153	TA2063	TA2065		01
AC138				AC151V1	AD148				01
AC138				AMS4					01
AC138H	G	P	AT	AC128	(AC153V1)	2N2706			01
AC138-4	G	P	AT	AC153V					01
AC138-5	G	P	AT	AC153V					01
AC138-6	G	P	AT	AC153V1					01
AC138-7	G	P	AT	AC153V11					01
AC138	G	P	AT	AC122ye	AC117R	2N2706			01
AC139				AC125	AC128				01
AC139				AC151V	AC153				01
AC139K	G	P	AT	AC128K	AC153KV1				01
AC139-4	G	P	AT	AC153V					01
AC139-5	G	P	AT	AC153V					01
AC139-6	G	P	AT	AC153V1					01
AC141	G	N	AT	AC176	AC176	2N647	2N2430		01
AC141				AC181	AM72				01
AC141				SF7377					01
AC141B	G	N	AT	AC176					01
AC141B4	G	N	AT	AC176					01
AC141B5	G	N	AT	AC176					01
AC141B6	G	N	AT	AC176					01
AC141B7	G	N	AT	AC176					01
AC141H	G	N	AT	(AC178)					01
AC141HK	G	N	AT	(AC176)					01
AC141K	G	N	AT	AC176K	AC187K				01
AC141K4	G	N	AT	AC176K					01
AC141K5	G	N	AT	AC176K					01
AC141K6	G	N	AT	AC176K					01
AC141-4	G	N	AT	AC176					01
AC141-5	G	N	AT	AC176					01
AC141-8	G	N	AT	AC176					01
AC142	G	P	AT	AC117R	AC128	2N217	2N2706		01
AC142				AC153	AC173				01
AC142				AM74					01
AC142H	G	P	AT	(AC153V)					01
AC142HK	G	P	AT	(AC153V)					01
AC142K	G	P	AT	AC142	AC153K				01, 06
AC142K				AC188K					01, 06
AC142K4	G	P	AT	AC153KV					01
AC142K5	G	P	AT	AC153KV					01
AC142K6	G	P	AT	AC153KV1					01
AC142-4	G	P	AT	AC153V					01
AC142-5	G	P	AT	AC153V					01
AC142-6	G	P	AT	AC176V1					01
AC150	G	P	AT	AC125	AC125R	2N406	2N2429	2S8439	01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AC150				AC161	AC151r				01
AC150				AC126					01
AC150gn	G	P	TF	AC125	AC151rVI	2N652			01
AC150gn				AC163					01
AC150v	G	P	TF	AC151rVII					01
AC150w	G	P	TF	AC151rVII					01
AC150ye	G	P	TF	AC125	AC151V				01
AC150ye				AC151rV	AC163				01
AC150ye				SFT363					01
AC151	G	P	S	AC125	AC126	2N238	2N2429	25B430	01
AC151				AC128	AC173	2N2706			01
AC151IV	G	P	S	AC122r	AC126	2N238	2N2706	25B450	01
AC151IV				AC128					01
AC151V	G	P	S	AC122ye	AC125	2N2706			01
AC151V				AC128					01
AC151VI	G	P	S	AC122gn	AC125	2N2706			01
AC151VI				AC128					01
AC151VII	G	P	S	AC122V	AC125	2N2706			01
AC151VII				AC128					01
AC151r	G	P	S	AC125		2N406			01
AC151rIV	G	P	S	AC125	AC128	2N406		25B73	01
AC151rIV				AC150	OC306I				01
AC151rV	G	P	S	AC125	AC128	2N406			01
AC151rV				AC150	AC151V				01
AC151rV				OC306II					01
AC151rVI	G	P	S	AC125	AC128	2N2706			01
AC151rVI				AC150	OC306III				01
AC151rVII	G	P	S	AC151VII	AC160				01
AC151rVII				OC307					01
AC152	G	P	S	AC128	AC131/30	2N238	2N1924	25B156	01
AC152				AC132	AC184	2N2431	2N2706	25B415	01
AC152IV	G	P	S	AC128	AC124R	2N610	2N2706	2532	01
AC152IV				OC307	OC308	2N4106			01
AC152IV				SFT322					01
AC152V	G	P	S	AC124R	AC128	2N610	2N2706	2532	01
AC152V				OC307	OC308				01
AC152V				SFT322					01
AC152VI	G	P	S	AC117R	AC128	2N610	2N2706	2532	01
AC152VI				OC307	OC308				01
AC152VI				SFT322					01
AC153	G	P	S	AC117	AC124	2N467	2N2431	25B415	01
AC153				AC128					01
AC153K	G	P	S	AC117K	AC128K	2N4106		25B415	01
AC153K				AC180K	AC188K				01
AC153KV	G	P	S	AC188K					01
AC153KV				AC188K					01
AC153KV				AC188K					01
AC153KV				AC124R	AC128	2N467	2N2706	25B222	01
AC153V	G	P	S	AC210	ASY12	2N4106			01
AC153V				ASY24					01
AC153VI	G	P	S	AC117R	AC128	2N2706		25B415	01
AC153VI				AC210	ASY12				01
AC153VI				ASY24					01
AC153VII	G	P	S	AC117R	AC128	2N2706			01
AC153VII				AC210	ASY12				01
AC153VII				ASY24					01
AC154	G	P	TH, AE	AC128	AC131	2N1924	2N2706		01
AC154				AC152IV	AC152V				01
AC154				OC309					01
AC155	G	P	TH, AE	AC122r	AC122ye	2N406			01
AC155				AC125	AC151V				01
AC155				AC151V	OC304T				01
AC156	G	P	TH, AE	AC122ye	AC125	2N2406			01
AC156	*			AC151V	OC304III				01
AC157	G	N	TH, AE	AC127	AC175K	2N2430			01
AC157				AC176	AC181				01
AC157				AC186					01
AC160	G	P	TF	AC125	AC151r	2N406			01
AC160				AC151IV	AC161				01
AC160A	G	P	TF	AC125	AC151r	2N406			01
AC160A				AC151rV	AC151V				01
AC160A				AC161					01
AC160B	G	P	TF	AC125	AC126	2N406			01
AC160B				AC151r	AC151V				01
AC160B				AC151rVI	AC181				01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AC160B				OC307					01
AC160K	G	G	P TF	AC126R					01
AC180gn	G	G	P TF	AC151rV/L	AC161			25873	01
AC160r	G	G	P TF	AC125r	AC151rV				01
AC160r				AC161					01
AC160r				OC308I					01
AC160v	G	G	P TF	AC151rV/II	AC161				01
AC160ye	G	G	P TF	AC151rV	AC161				01
AC161	G	G	P SE	AC125r	AC151V				01
AC161				AC151rV	AC151rV1				01
AC161				AC160	OC308III				#1
AC161				OC307					#1
AC182	G	G	P S	AC125	AC126	2N37	2N406	258219	01
AC162				AC128	AC170	2N2429		258459	01
AC162				AC173					#1
AC163	G	G	P S	AC125	AC128	2N406	2N506	258450	01
AC163				AC171	AC173	2N2429	2N2907		01
AC165	G	G	P TH, AE	AC122ye	AC125	2N2430			01
AC166				AC151V	AC151V1				01
AC165				AC176	AC222				01
AC166	G	G	P TH, AF	AC128	AC131/30	2N1189	2N2706		01
AC166				AC152	AC152V	2N4106			01
AC187	G	G	P TH, AE	AC128	AC131/30	2N1189	2N2706		01
AC167				AC152V		2N4106			01
AC188	G	G	N TH, AE	AC127	AC175K				01
AC168				AC179					01
AC169	G	G	P TH	AC121V	AC122				D1
AC169				AC125	AC151				D1
AC170	G	G	P TF	AC125	AC126	2N406		25854	D1
AC170				AC151V1	AC162			25877A	D1
AC170				AC173	OC309				D1
AC171	G	G	P TF	AC125	AC126	2N406		258439	01
AC171				AC151V II	AC163			258460	01
AC171				AC173					01
AC172	G	G	N PH, V	AC127	AC181	2N2430			01
AC172				AC176					01
AC173	G	G	P SE	AC125	AC128	2N406	2N1189		01
AC173				AC131	AC132				01
AC173				AC152	AC152V				01
AC174	G	G	P SE	AC128		MJ2060			01
AC174				AC153	AC153V				01
AC174				AC131:30					01
AC175	G	G	N TF	AC127	AC181	2N2707			01
AC175				AC187	AC187K				01
AC175K	G	G	N	AC176K	AC183K				01
AC176	G	G	N PH, V, S	AC181	AC186	2N2430			01
AC176				AC187					01
AC176K	G	G	N S	AC176	AC181K				01
AC176K				AC186	AC187K				01
AC177	G	G	P TH, AE	AC128	AC131	2N2706			01
AC177				AC152	AC152V				01
AC177				AC173	ASY80				01
AC178	G	G	P TF	AC122K	AC126K			258370	01
AC178				AC153K	AC180K				01
AC178				AC188K					01
AC179	G	G	N TF	AC176K					01
AC179				AC187K					01
AC179K	G	G	N	AC181K	AC187K				01
AC180	G	G	P SE	AC128	AC131/30	2N1185	2N2706		01
AC180				AC153		2N4106			01
AC180K	G	G	P SE	AC128K	AC131/30				01
AC180K				AC153	AC188K				01
AC180K L	G	G	P	AC188K					01
AC181	G	G	N SE	AC127	AC176	TL560	2N2430		01
AC181				AC186					01
AC181K	G	G	N SE	AC176	AC186				01
AC181K				AC187K					01
AC181K L	G	G	N SE	AC187K					01
AC181L	G	G	N SE	AC176					01
AC182	G	G	P SE, St, ML	AC125	AC151V1	2N406			01
AC182				AC184					01
AC183	G	G	N SE, St, ML	AC127	AC176	2N2430	2N2706		01
AC184	G	G	P SE	AC128	AC153	MJ2060			01
AC184				AC152		2N4106			01
AC184				AC131					01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AC185	G	N	SE	AC127	AC176	2N2430			01
AC185				AC176K	AC186				01
AC186	G	N	TF	AC176	AC185	2N2430			01
AC186				AC187K					01
AC187				AC175	AC176	2N2430	2N2707		01
AC187K	G	N	AT, S, V, TF	AC175K	AC176K				01
AC187K7	G	N	AT	AC187K					01
AC187K8	G	N	AT	AC187K					01
AC187K9	G	N	AT	AC187K					01
AC187/01	G	N	PH	AC187K					01
AC187-7	G	N	AT	AC176					01
AC187-8	G	N	AT	AC176					01
AC187-9	G	N	AT	AC176					01
AC188	G	N	AT, AM, BL, MN, MU	AC128	AC153VI	2N2706			01
AC188				AC193					01
AC188	G	P	PE, PH, RA, V	AC128	AC153VI	2N2706			01
AC188				AC193					01
AC188K	G	P	AT, S, TF, V	AC193				258370	01, 06
AC188K7	G	P	AT	AC188K					01
AC188K8	G	P	AT	AC188K					01
AC188K9	G	P	AT	AC188K					01
AC188/01	G	P	PH	AC188K					01
AC188-7	G	P	AT	AC153VI					01
AC188-8	G	P	AT	AC153VII					01
AC188-9	G	P	AT	AC153VII					01
AC191	G	P	AT	AC125	AC151r	2N406			01
AC191-4	G	P	AT	AC151rIV					01
AC191-5	G	P	AT	AC151rV					01
AC191-6	G	P	AT	AC151rVI					01
AC191-7	G	P	AT	AC151rVI					01
AC191-8	G	P	AT	(AC151rVII)					01
AC192	G	P	AT	AC125	AC151	2N406			01
AC192				AC170					01
AC192-4	G	P	AT	AC151IV					01
AC192-5	G	P	AT	AC151V					01
AC192-6	G	P	AT	AC151VI					01
AC192-7	G	P	AT	AC151VII					01
AC192-8	G	P	AT	AC151VII					01
AC193	G	P	AT	AC117	AC128	2N2706			01, 06
AC193				AC153	AC153VI				01, 06
AC193				AC188K					01, 06
AC193K	G	P	AT	AC117	AC128K				01, 06
AC193K				AC153K	AC153KVI				01, 06
AC193K	G	P	AT	AC188K					01, 06
AC193K7	G	P	AT	AC153KVI	AC188K				01
AC193K8	G	P	AT	AC153KVII	AC188K				01
AC193K9	G	P	AT	AC153KVII	AC188K				01
AC193-7	G	P	AT	AC153VI					01
AC193-8	G	P	AT	AC153VII					01
AC193-9	G	P	AT	AC153VII					01
AC194	G	N	AT	AC176	AC181	2N2430			01
AC194				AC186	AC187				01
AC194				AC187K					01
AC194K	G	N	AT	AC176K	AC187K				01
AC194K7	G	N	AT	AC176K	AC187K				01
AC194K8	G	N	AT	AC176K	AC187K				01
AC194K9	G	N	AT	AC176K	AC187K				01
AC194-7	G	N	AT	AC176					01
AC194-8	G	N	AT	AC176					01
AC194-9	G	N	AT	AC176					01
ACY16	G	P	TF	AC128K	(AC153KVI)	2N526		258415	01
ACY16				ACY33V	ASY14				01
ACY17	G	P	MU, PE, NT	(ASY48V)	ACY17	2N1188	2N2207	25A503	01
ACY18	G	P	MU, NT, PE	ACY17	(ASY48V)	2N1188		25A504	01
ACY19	G	P	MU	AC117	AC128	2N249	2N1188	2556	01
ACY19				AC153	ACY17	2N4106			01
ACY19				(ASY48VII)					01
ACY20	G	P	MU, NT, PE	AC128	AC131/30	2N1188		25A504	01
ACY20	G	P	MU, NT, PE	AC152V	AC153				01
ACY20				ACY17					01
ACY21	G	P	MU, NT, PE	AC152VI	ACY17	2N1188	2N1924	25832	01
ACY21				ACY20					01
ACY22	G	P	MU, NT, PE	AC152V	ACY17	2N1188	2N1924	25832	01
ACY22	G	P	MU, NT, PE	ACY33					01
ACY22E	G	P		ACY17		2N1176			01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
ACY22H	G	P		ACY17		2N1176			01
ACY23	G	P S		AC122	AC125	2N37	2N526	25B219	01
ACY23				AC128	ASY80	2N2706			03
ACY23				OC71					01
ACY23V	G	P S		AC128		2N2706			01
ACY23VI	G	P S		AC128		2N2706			04
ACY24	G	P TF		AC188K	ASY14	2N138	2N1924	25B421	01
ACY24				ASY23	ASY48V				04
ACY24				{ASY48IV}					04
ACY27	G	P IN, TF		AC122	AC125	2N406	2N525	2513	04
ACY27				AC151	ACY23	2N2447			01
ACY27				{ASY48IV}					03
ACY28	G	P IN, IT		AC122	AC125	2N406	2N526		01
ACY28				AC151	ASY23				01
ACY28				ASY26	{ASY48V}				01
ACY29	G	P IN, IT		AC125	AC160	2N237	2N406		01
ACY29				ACY27	ACY32				01
ACY29				{ACY48V}					01
ACY30	G	P IN, IT		AC122/30	AC126	2N237	2N526		01
ACY30				AC128	AC131/30	2N2431			01
ACY30				AC153	{ASY48VII}				01
ACY31	G	P IN, IT		AC125	{ASY48V}	2N406			01
ACY32	G	P S		AC122	AC125	2N406	2N506		01
ACY32				AC125R	AC150	2N527			01
ACY32				ASY80					01
ACY32V	G	P		AC125		2N406			01
ACY32VI	G	P S		AC125		2N406			01
ACY33	G	P S		AC123	AC128	2N527	2N513	25A204	01
ACY33				ACY16K	ASY14	2N618	2N2706		01
ACY33VI	G	P		AC128		2N2706			01
ACY33VII	G	P S		AC128		2N2706			01
ACY33VIII	G	P S		AC128	AC125	2N2706			01
ACY34	G	P IN		AC122	ACY23V	2N2431			01
ACY34				ACY22	ACY23				01
ACY34				ASY14					01
ACY35	G	P IN		AC122	AC125	2N406			01
ACY35				ACY23V	ASY14				01
ACY36	G	P IN		AC122	AC125	2N406			01
ACY36				ACY23V	ASY14				01
ACY38	G	P SE, Ss, ML		AC125	AC125R	2N406			01
ACY38				AC151	AC160				01
ACY38				AC180B	ACY32				01
ACY38				ASY27					01
ACY40	G	P MU, NT		AC152IV	ACY17	2N1188			01
ACY40				ACY18					01
ACY41	G	P MU, NT		AC152VI	ACY17	2N1188			01
ACY41				ACY40					01
ACY44	G	P MU		ACY17	ACY19	2N1188	2N4106	2586	01
ACY44				{ASY48V}					01
ACZ10	G	P TF		AC128	AC153	2N467	2N4106	25H222	01
ACZ10				AC153V	ASY12				01
ACZ10				ASY48	{ASY48V}				01
AD103	G	P S		ACY24K					06
AD103				AD133	ADZ11	2N1146	2N1167		06
AD103				AUY29/5	SFT265				06
AD103IV	G	P S		{AD133III}					06
AD103IV	G	P S		{AD133IV}					06
AD103V	G	P S		{AD133V}					06
AD103VI	G	P S		{AD133VI}					06
AD104	G	P S		ADZ12	AUY21	2N1146A	2N1167		06
AD104				AUY29/5	SFT266				06
AD104II	G	P S		{AUY21III}					06
AD104IV	G	P S		{AUY21IV}					06
AD104V	G	P S		{AUY21V}					06
AD105	G	P S		ADZ12	AU103	2N1146B			06
AD105				AUY22	SFT266				06
AD105II	G	P S		{AUY22III}					06
AD105III	G	P S		{AUY22III}					06
AD105IV	G	P S		{AUY22IV}					06
AD105V	G	P S		{AUY22IV}					06
AD130	G	P S		AD129	AD149	T13029	2N1536	25B337	06
AD130				AD153	ASZ16			25B426	06
AD130III	G	P S		AD149	ASZ13	T13029	2N1536		06
AD130III				OC26	OD603	2N2063			06
AD130III				SFT213					06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AD130IV	G	P	S	AD149	AD149IV	T13029	2N257		06
AD130IV				ASZ16	OC26	2N1536	2N2064		06
AD130IV				SFT7213					06
AD130V	G	P	S	AD149	AD149V	T13029	2N257		06
AD130V				ASZ16	OC26	2N1536	2N2064		06
AD130V				SFT7213					06
AD131	G	P	S	AD149	ASZ16	2N1536		258425	06
AD131				AUY33					06
AD131III	G	P	S	AD138/50	AD149	T13029		258471	06
AD131III				ASZ16	OD603/50	2N2065	2N1536		06
AD131III				SFT7250					06
AD131IV	G	P	S	AD138/50	AD149IV	T13029	2N268		06
AD131IV				ASZ16	GFT4012	2N1536	2N2066		06
AD131IV				SFT7250					06
AD131V	G	P	S	AD138/50	AD149V	T13029	2N268		06
AD131V				ASZ16	GFT4012	2N1536	2N2066		06
AD131V				SFT7250					06
AD132	G	P	S	ASZ15	ASZ18	2N1533		258424	06
AD132				AUY32					06
AD132II	G	P	S	ASZ15	OC26	2N1533	2N2065		06
AD132II				OD603/50	SFT750				06
AD132III	G	P	S	ASZ15	AUY22III	2N2065		258472	06
AD132III				OC26	OD603/50				06
AD132III				SFT750					06
AD132IV	G	P	S	AUY22IV	AUY28	T13030	2N268		06
AD132IV				OC26	SFT750	2N1167	2N2066		06
AD132IV				GFT4012					06
AD132V	G	P	S	AUY22IV	AUY29				06
AD133	G	P	S	ADZ11	ADZ12	2N1146	2N1167	258236	06
AD133				AUY29V	SFT265	2N1549			06
AD133III	G	P	S	ADZ11	AUY29III	2N1167	2N1549	258236	06
AD133III				AUY29V					06
AD133IV	G	P	S	AUY29IV	AUY29V	2N1167			06
AD133V	G	P	S	AUY29V		2N1167			06
AD136	G	P	S	A0138	AD160	2N11848	2N1536		06
AD136				ADZ11	ASZ16				06
AD136				ASZ18					06
AD136IV	G	P	S, TF	AD136		2N11848			06
AD136V	G	P	S, TF	AD136		2N11848			06
AD136VI	G	P	S, TF	ASZ16		2N1536			06
AD136/4	G	P	S, TF	ASZ16		2N1536			06
AD136/5	G	P	S, TF	ASZ16		2N1536			06
AD136/6	G	P	S, TF	ASZ16		2N1536			06
AD136	G	P	TF	AD133	AD148	2N561	2N1022A	258151	06
AD136				ADZ11	ASZ16	2N1536		258425	06
AD136				ASZ17	ASZ18				06
AD139	G	P	TF, V, PE, PH	AD148	AD148V	2N2835			06
AD139				AD149	AD150				06
AD139				AD162					06
AD140	G	P	PH, MU	AD149	ASZ16	2N1072	2N1536		06
AD140									06
AD142	G	P	AT	AD133	AD138/50	2N2836			06
AD142				AD149	ADZ11	2N301A	2N1533		06
AD142	G	P	AT	AM92	ASZ15				06
AD142				AUY22	SFT240				06
AD142-4	G	P	AT	AUY22III					06
AD142-5	G	P	AT	AUY22IV					06
AD142-6	G	P	AT	AUY22IV					06
AD143	G	P	AT	AD133	AD138/50	2N301	2N1536		06
AD143				AD150	ADZ11	2N2869			06
AD143				AM91	AUY21				06
AD143				OC26					06
AD143R	G	P	AT	ASZ16	AUY21	2N1536			06
AD143R-4	G	P	AT	AUY21III					06
AD143R-5	G	P	AT	AUY21IV					06
AD143R-6	G	P	AT	AUY21IV					06
AD143-4	G	P	AT	AUY21III					06
AD143-5	G	P	AT	AUY21IV					06
AD143-6	G	P	AT	AUY21IV					06
AD145	G	P	AT	AD133V	AD136				06
AD145				ASZ16	AUY21III				06
AD146	G	P		AD166					06
AD148	G	P	S, AT	AC138	AD139	2N456	2N2835	258426	06
AD148				AD162	OC26				06
AD148				OC36					06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AD148IV	G	P	S, AT	AD139	AD148	2N456		25B426	06
AD148IV				AD156					06
AD148V	G	P	S, AT	AD139	AD148	2N2835			06
AD148V				AD156					06
AD148/66	G	P		AD162		2N2835			06
AD149	G	P	AT, PH, S, TF	AC138	ASZ16	2N456	2N1536	25B425	06
AD149				OC28	OC36	2N2836			06
AD149/01	G	P		AD149		2N3836			06
AD149/02	G	P		AD149		2N2836			06
AD149IV	G	P	AT, PH, S, TF	AD149	AD166	T1156	2N456	25B471	06
AD149IV				ASZ16		2N1536			06
AD149V	G	P	AT, PH, S, TF	AD149	AD166	T1156	2N1536	25B471	06
AD149V				ASZ16					06
AD150	G	P	AT, S, TF	AC138	AD149	2N456	2N1536	25B426	06
AD150				ASZ16	OC36	2N2836			06
AD150IV	G	P	AT, S, TF	AD150	AD166	T1156	2N456	25B426	06
AD150IV				ASZ16		2N1536			06
AD150V	G	P	AT, S, TF	AD150	AD166	T1156	2N1536		06
AD150V				ASZ16					06
AD152	G	P	TF	AD149	AD166	T1156	2N2835	25B368	06
AD152				AD162	AD162V	2N2836		25B425	06
AD152				AD162VI					06
AD153	G	P	SE	AD131	AD138	T1156			06
AD153				AD149					06
AD156	G	P	TF	AD156	AD162	2N2835		25B367	06
AD156				AD162V				25B426	06
AD156	G	P	S	AD139	AD148	2N2835			06
AD156				AD152	AD162				06
AD156				AD162VII					06
AD157	G	P	S	AD162	AD162VII	2N2835			06
AD159	G	P	TF	AD136	AD136IV				06
AD159				ASZ17					06
AD160	G	P	TF	AD136	AD126IV				06
AD160				AD136V	ASZ16				06
AD161	G	N	PH, S, TF, V	AD165		2N4077			06
AD162	G	P	PH, S, TF, V	AD262		2N2835		25B367	06
AD162								25B426	06
AD162V	G	P	S	AD162		2N2835			06
AD162VI	G	P	S	AD162		2N2835			06
AD162VII	G	P	S	AD162		2N2835			06
AD162VIII	G	P	S	AD162		2N2835			06
AD163	G	P	S	ASZ15	ASZ18	2N1533		25B424	06
AD163				AUY32					06
AD163II	G	P	S	ASZ15		2N1533			06
AD163III	G	P	S	ASZ15		2N1533			06
AD163IV	G	P	S	ASZ15		2N1533			06
AD164	G	P	TF	AD162	AD162VI	2N2835		25B367	06
AD166	G	N	TF	AD161		2N4077			06
AD166	G	P	S	AD149	(AUY21IV)				06
AD167	G	P	S	AD149	(AUY22IV)				06
AD169	G	P	TF	AD152	AD162			25B368	06
AD169				(AD162VI)					06
AD262	G	P	AT	AD148V	AD162	2N2835			06
AD262				ASZ17					06
AD263	G	P	AT	(AD148V)	AD162	2N2835			06
AD263				ASZ17					06
ADY22	G	P	IN, IT, ST	AD138	ADY29	2N1536			06
ADY22				ASZ16	AUY21V				06
ADY22				AUY29					06
ADY23	G	P	IN, IT, ST	AD138	AD138/50	2N1533			06
ADY23				ADZ12	ASZ15				06
ADY23				AUY22	AUY22IV				06
ADY23				AUY32					06
ADY24	G	P	IN, IT, ST	AD138/60	ADZ12	2N1533			06
ADY24				ASZ15	AUY22				06
ADY24				AUY22IV	AUY32				06
ADY25	G	P	IN, IT, ST	ADZ12	ASZ15	2N1533			06
ADY25				AUY22	AUY28				06
ADY25				(AUY22IV)					06
ADY26	G	P	PH, MU, V	ADZ12		2N1100			06
ADY27	G	P	S	AD149	ASZ16	2N1536			06
ADY27IV	G	P	S	ASZ16		2N1536			06
ADY27V	G	P	S	ASZ16		2N1536			06
ADY28	G	P	SE	ASZ15	AUY22				06
ADY28				AUY22III					06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
ADY30	G	P	6	ADZ12		2N1100			06
ADY31	G	P		ADZ12		2N1100			06
ADY32	G	P		ADZ12		2N1100			06
ADZ11	G	P	PH, MU, V	AD103	AD138	2N1100	2N1146		06
ADZ11				ADZ12	AUY21				06
ADZ12	G	P	PH, MU, V	AD104	AD106	2N1100	2N1146A		06
ADZ12				AUY22		2N1146B			06
AF101	G	P	TF	AF127	AF131	2N799		2S36	02
AF101				AF106	AF185				02
AF101				AF188	AFY15				02
AF102	G	P	V	AF106	AF122	2N2494	2N2496		02
AF102				AF178	AF190				02
AF105	G	P	TF	AF126	AF137	2N344		2SA155	02
AF106				AF187	AF185				02
AF106				AF190					02
AF105A	G	P	TF	AF126	AF137				02
AF105A				AF138	AF190				02
AF105A	G	P	S, V, TF	AF197					02
AF106	G	P		AF188	AF178			2SA230	02
AF106				AF190	AM13				02
AF106A	G	P	AT	AF106					02, 18
AF107	G	P	S	AF109R	AF190				02
AF107				AFY10	AFY11				02
AF107				AFY19					02
AF108	G	P	S	AF109R	AF190				02
AF108				AFY10	AFY11				02
AF108				AFY19					02
AF109	G	P	V, S, TF	AF109R	AF180			2SA432	02
AF109				AF190					02
AF109R	G	P	AT, S, TF, V	AF180	AF190				02
AF110	G	P		AF181	AF190				02
AF111	G	P	1N	AF127	AF137	2N641	2N4034	2SA155	02
AF111				AF185					02
AF112	G	P	1N	AF125	AF126	2N1110	2N4034	2SA156	02
AF112				AF136					02
AF113	G	P	1N	AF126	AF136	2N346	2N2496	2SA116	02
AF113				AF178					02
AF114	G	P	MU, PH, V, S	AF124	AF130	2N346	2N990	2SA116	02
AF114				AF134	AF136	2N2496			02
AF114				AF194					02
AF114N	G	P	MN	AF124					02
AF115	G	P	MU, PH, V, S	AF124	AF125	2N990	2N1110	2SA156	02
AF115				AF136	AF136				02
AF115				AF185					02
AF115N	G	P	MN	AF125					02
AF116	G	P	MU, PH, V, S	AF124	AF126	2N641	2N990	2SA156	02
AF116				AF132	AF136				02
AF116				AF137	AF185				02
AF116N	G	P	MN	AF126					02
AF117	G	P	MU, PH, V, S	AF124	AF127	2N642	2N990	2SA155	02
AF117				AF133	AF137				02
AF117				AF136	SFT354				02
AF117N	G	P	MN	AF127					02
AF118	G	P	MU, PH, V, S			2N2207		2SA76	02
AF119	G	P		AF127	AF185				02
AF119				OC45					02
AF120	G	P		AF126	AF186				02
AF120				DC44					02
AF121	G	P	MU, PH, V, AM, PE	AF102	AF106	2N2496	2N3588		02
AF121				AF201	AF178				02
AF121	G	P	TF	AF200U	AF102	2N2496	2N3588		02
AF121				AF178	AF201				02
AF121S	G	P	V	AF200U					02
AF121S				(AF200U)	AF202S				02
AF122	G	P	TF	AF102	AF106	2N2496			02
AF122				AF178					02
AF124	G	P	MU, PH, V, S	AF134	AF136	2N346	2N990	2SA236	02
AF124				AF178	AF194	2N2496	2N4035	2SA433	02
AF125	G	P	MU, PH, V, S	AF136	AF136	2N990	2N991	2SA156	02
AF126				AF124	AF186	2N1110		2SA433	02
AF126	G	P	MU, PH, V, S	AF124	AF132	2N641	2N990	2SA240	02
AF126				AF136	AF137			2SA433	02
AF126				SFT316					02
AF127	G	P	MU, PH, V, S	AF124	AF133	2N642	2N990	2SA240	02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AF127				AF137	AF185	2N993	2N4034	2SA433	02
AF128	G	P	TF	ASV27					02
AF129	G	P	IN	AF121	AF124				02
AF129				AF134					02
AF130	G	P	IN	AF124	AF134	2N346	2N2495	2SA116	02
AF130				AF178		2N4035			02
AF131	G	P	IN	AF125	AF134	2N1110		2SA156	02
AF131				AF135	AF136				02
AF131				AF185					02
AF132	G	P	IN	AF126	AF136	2N641		2SA155	02
AF132				AF138					02
AF133	G	P	IN	AF117	AF127	2N641	2N4034	2SA155	02
AF133				AF137					02
AF134	G	P	TF	AF124	AF129	2N346	2N2495	2SA76	02
AF134				AF130	AF136	2N4035		2SA116	02
AF135	G	P	TF	AF125	AF131	2N1110		2SA76	02
AF135				AF136				2SA156	02
AF136	G	P	TF	AF125	AF126	2N1110	2N4034	2SA76	02
AF136				AF131				2SA156	02
AF137	G	P	TF	AF126	AF127	2N642		2SA155	02
AF137				AF133	SFT316			2SA433	02
AF138	G	P	TF	AF127	AF132	2N641	2N4034	2SA155	02
AF138				AF179					02
AF139	G	P	PH, S, TF, V	AF186	AF239	N9031	MM139		02
AF139				AM18		2N2244			02
AF142	G	P	AT	AF112	AF124	2N4035			02
AF142				AF134	AF194				02
AF143	G	P	AT	AF124	AF125				02
AF143				AF135					02
AF144	G	P	AT	AF124	AF126				02
AF144				AF132	AF136				02
AF144				AF137					02
AF146	G	P	AT	AF126	AF127				02
AF146				AF135					02
AF147	G	P	AT	AF126	AF136				02
AF147				AF133					02
AF148	G	P	AT	AF126	AF127	2N4034			02
AF148				AF136	AF137				02
AF149	G	P	AT	AF126	AF137				02
AF149				AF131	AF136				02
AF150	G	P	AT	AF126	AF127	2N4034			02
AF150				AF137					02
AF156	G	P		AF127					02
AF164	G	P	AT	AF114	AF124	2N1177	2N4035		02
AF164				AF132	AF134				02
AF164				AF194					02
AF165	G	P	AT	AF124	AF125	2N1178	2N1179		02
AF165				AF134	AF135				02
AF166	G	P	AT	AF136	AM11	2N1180	2N4034		02
AF166				SFT316	AF116				02
AF166				AF126					02
AF168	G	P	AT	AF125	AF126	2N1183	2N2083		02
AF168				AF127	AF136				02
AF168				AF136					02
AF169	G	P	AT	AF126	AF127	2N1631	2N1632		02
AF169				AF129	AF136	2N4034			02
AF169				AF137					02
AF170	G	P	AT	AF127	AF136	2N1426	2N1636		02
AF170				AF137	AM14	2N1639	2N4034		02
AF171	G	P	AT	AF126	AF133	2N1425	2N4036		02
AF171				AF136					02
AF172	G	P	AT	AF117	AF127	2N1633	2N1638	2SA432	02
AF172				AF137	AM12	2N4034			02
AF178	G	P	MU, PH, TF, V	AF108	AF180	2N2495		2SA432	02
AF179	G	P	MU, PH, PE	(AF108)		2N2654			02
AF180	G	P	MU, PH, PE, V	AF109	(AF109R)	2N3074			02
AF180				AF133					02
AF181	G	P	MU, PH, TF, PE, V	AF110	AF121	2N3075			02
AF181				AF200	(AF200U)				02
AF182	G	P	SE	AF121	AF178				02
AF182				(AF201U)					02
AF185	G	P	V, PH	AF106	AF121				02
AF186	G	P	PH, V	AF139	AF239	2N2244	2N5043		02
AF186G	G	P	PH, PE	(AF139)					02
AF186W	G	P	PH, PE	(AF139)					02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AF187	G	P	SE, Ss, ML	AF121	AF133	2N2244	2N5044		02
AF187				AF201	AFY15				02
AF187				ASY70IV					02
AF188	G	P	SE, Ss, ML	AF121	AF133	2N5044			02
AF188				AFY15	ASY70VI				02
AF189	G	P	SE	AF133	AF139				02
AF189				AFY15	ASY70VI				02
AF190	G	P	SE	AF124	AF133				02
AF190				AF188	AFY15				02
AF190				ASY70VI					02
AF191	G	P		SFT308					02
AF192	G	N		AC130					02
AF193	G	P	SE	AF121	(AF128)	2N3323	2N4034		02
AF193				AF127	AF132				02
AF193				AF136	AF137				02
AF194	G	P	SE	AF124	AF125	2N3323	2N4035		02
AF194				AF134	AF136				02
AF194				(AF200U)					02
AF195	G	P	SE	AF125	AF133	2N3323			02
AF195				AF135					02
AF196	G	P	SE	AF125	AF126	2N3323	2N4034		02
AF196				AF136					02
AF197	G	P	SE	AF127	AF133	2N3323	2N3325		02
AF197				AF137		2N4034			02
AF198	G	P	SE	AF127	AF133	2N3325			02
AF198				AF138					02
AF200	G	P	AT, S	AF121	AF181			2SA239	02
AF200				AF200U				2SA240	02
AF201	G	P	AT, S	AF121				2SA239	02
AF201								2SA240	02
AF202	G	P	AT, S	AF121	AF121S			2SA239	02
AF202				(AF200U)	AF202S			2SA240	02
AF202L	G	P	AT	(AF200U)					02
AF202S	G	P	S	AF121S	(AF200U)				02
AF239	G	P	S, TF, V	AF254				2SA240	02
AF239S	G	P	AT, S, TF, V	AF139					02
AF240	G	P	AT, PH, V, S	AF139	AF239S				02
AF240				AF267	AF280				02
AF250	G	P		AF239S	AF267				02
AF250				AF280					02
AF251	G	P	TF	AF239	AF239S				02
AF252	G	P	TF	AF239	(AF239S)				02
AF252				AF240					02
AF253	G	P	TF	AF109R	AF139				02
AF253				(AF240)					02
AF254	G	P		AF202					02
AF256	G	P	TF	AF106					02
AF267	G	P	PH, V, PE	AF239S	AF279				02
AF269	G	P	PH, V	AF239S	AF240				02
AF269				AF260					02
AF279	G	P	PH, TF, S, V	AF239S	AF279S				02
AF280	G	P	PH, V, S, TF	AF257	AF239S				02
AF367	G	P	PH, V	AF279S					02
AF369	G	P	PH, V	AF280					02
AFY10	G	P	S	AFY11	(AFY18)				02
AFY10				AFY19					02
AFY11	G	P	S	AF106	(AFY18)			2SA431	02
AFY11				AF121	AFY19				02
AFY12	G	P	AT, S, TF	AF106				2SA431	02
AFY12				AFZ12					02
AFY13	G	P	TF	AF124	AF134				02
AFY13				(AFY12)					02
AFY14	G	P	TF	AF124	ASY27	2N990		2SA72	02
AFY14				SFT316K					02
AFY15	G	P	TF	AF126	AF136			2SA52	02
AFY15				AF133	(ASY27)				02
AFY15				SFT317					02
AFY15e	G	P	TF	(ASY26)					02
AFY15ye	G	P	TF	(ASY26)					02
AFY15v	G	P	TF	(ASY27)					02
AFY16	G	P	AT, S, TF, V			M9031			02
AFY18	G	P	S	AF139	AF240				02
AFY19	G	P	MU, PH, V	AFY10	AFY11				02
AFY19				AFY18					02
AFY25	G	P	TF	AF126	AFY34				02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AFY25				[AFY42]					02
AFY26	G	P	TF	AFY34	[AFY42]				02
AFY29	G	P	TF	AF126	AF133				02
AFY29	G	P	TF	(AF200U)	SFT317				02
AFY34	G	P	S	(AFY42)					02
AFY37	G	P	S	AFY40	[AFY42]				02
AFY39	G	P	S	AFY40	[AFY42]				02
AFY40	G	P	V, PE, PH	(AFY42)	AF239S				02
AFY40R	G	P	V	AF239S	[AFY42]				02
AFY41	G	P	V	(AFY42)					02
AFY42	G	P	S	AF239S	AFY40				02
AFZ10	G	P	TF	AFY14K	AFY19				02
AFZ11	G	P	PH, MU	AFZ12					02
AFZ12	G	P	PH, MU	AF102	AF106				02
AFZ12	G	P		AFY12					02
AL100	G	P	AT	AU101	AL103	2N1906	2N2147		
AL101	G	P	AT	AU102	AL103	2N1905	2N2147		
AL102	G	P	AT	AD167	AM114	2N2147	2N5325		
AL102	G	P		AU106					
AL103	G	P	AT	AD166	AM111	2N2147	2N2148		
AL112	G	P	AT	AL103		2N2147			
AL113	G	P	AT	AL103		2N2147			
ALZ10	G	P	TF	AUY10					03
AM11	G	P		AF116	AF126	2N1180			
AM11	G	P		SFT316					
AM12	G	P		AF117	AF127	2N1524	2N1638		
AM12	G	P		AF172					
AM13	G	P		AF106	AF114	2N1177			
AM13	G	P		AF124					
AM14	G	P		AF117	AF127	2N1526	2N1639		
AM14	G	P		AF170					
AM15	G	P		AF115	AF125	2N1178	2N1179		
AM15	G	P		AF165					
AM16	G	P		AF115	AF125	2N2063			
AM16	G	P		AF168					
AM18	G	P		AF139		MM139			
AM51	G	P		AC126	AC137	2N2613			
AM51	G	P		AC191					
AM52	G	P		AC134	OC71	2N406	2N215		
AM53	G	P		AC126	AC161	2N217	2N2614		
AM53	G	P		AC192					
AM54	G	P		AC138	AC161	TA2063			
AM54	G	P		OC75					
AM71	G	P		AC128	AC139	40253			
AM72	G	N		AC127	AC141	2N647			
AM72	G	P		SFT377					
AM73	G	P		AC126	AC132	2N109	2N591		
AM73	G	P		AC136					
AM74	G	P		AC128	AC142	2N217			
AM74	G	P		AC153					
AM91	G	P		AD143	AD160	2N301	2N2889		
AM91	G	P		OC26					
AM92	G	P		AD142	AD149	2N301A	2N2870		
AM92	G	P		SFT239					
AM94	G	P		AD145	OC16	40254			
AM111	G	P		AD166	AL103	2N2148			
AM114	G	P		AD167	AL102	2N2147			
AM251	S	N		BC107	BC147				
AM251	S	N		BC187	BCY56				
AM252	S	N		BC108	BC148				
AM252	S	N		BC188	BCY57				
AM253	S	N		BC109	BC149				
AM253	S	N		BC169	BCY57				
AM254	S	N		BC267					
AM255	S	N		BC268					
AM266	S	N		BC269					
AM267	S	N		BC270					
AM268	S	N		BC271					
AM269	S	N		BC272					
AM290	S	P		BC297					
AM261	S	N		BCY58	BFY44				
AM262	S	N		BCY59					
AM263	S	N		BC300					
AM264	S	N		BC301					
AM276	S	N		BC303					

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AM291	S	N		BDX10		2N3055			
AM293	S	N		BD141					
AM294	S	N		BD142					
ASY12	G	P	IN	AC124K	AC128	2N59	2N1924	2S8222	17
ASY12	G	P		AC152	AC153				17
ASY12				ASY23					17
ASY12-1	G	P	IN	(AC152IV)					17, 10
ASY12-2	G	P	IN	(AC152IV)					17, 10
ASY13	G	P	IN	ASY23	ASY24	2N284	2N1926	2S889	17, 10
ASY13	G	P		(ASY48)	ASY48V				17, 10
ASY13				ASY77					17, 10
ASY13-1	G	P	IN	(ASY48IV)					17, 10
ASY13-2	G	P	IN	(ASY48IV)					17, 10
ASY14	G	P	IN	ASY23	(ASY48)	2N284		2S889	17, 10
ASY14	G	P		ASY48IV					17, 10
ASY14				ASY77					17, 10
ASY14-1	G	P	IN	(ASY48IV)					17, 10
ASY14-2	G	P	IN	(ASY48IV)					17, 10
ASY14-3	G	P	IN	(ASY48V)					17, 10
ASY23	G	P	V	ASY13	ASY14	2N272		2S833	17, 10
ASY23				ASY48	(ASY48V)				17, 10
ASY24	G	P	TF	ASY27	(ASY48V)				17, 10
ASY24				ASY56	ASY80				17, 10
ASY24				ASZ23					17, 10
ASY24B	G	P	TF	(ASY70V)	ASY76				17, 10
ASY26	G	P	S, TF, V, PH	ASY24	ASY48	2N799		2SA155	17
ASY26				ASY56					17
ASY27	G	P	S, TF, V, PH	ASY30	ASY48	2N36	2N1306	2S8101	17
ASY27				ASY58					17
ASY28	G	N	V, MU, PE, PH, RA	(AC127)	ASY73	2N1304			17, 10
ASY28	G	N	TX	(AC127)	ASY73	2N1304			17, 10
ASY29	G	N	V, MU, PE, PH, RA	(AC127)	ASY74	2N211	2N1304	2S8255	17, 10
ASY29	G	N	TX	(AC127)	ASY74	2N211	2N1304	2S8256	17, 10
ASY30	G	P	TF	AF124	ASY27	2N36	2N990	2S8101	17, 10
ASY30				ASY32	(ASY48V)				17, 10
ASY30				ASY81	ASY80				17, 10
ASY31	G	P	TF, V, PH	AC163	ACY15	2N506		2S8219	17
ASY31				AF125	ASY26				17
ASY31				ASY48	ASY56				17
ASY32	G	P	TF, V, PH	AC122	AFY15	2N506		2S8219	17
ASY32				AFY22	ASY27				17
ASY32				ASY48	ASY56				17
ASY48	G	P	S	AC126	ACY24	2N241	2N2708	2S889	17
ASY48				ASY23	ASY81	2N2908	2N2908A		17
ASY48				ASY77					17
ASY50	G	P	IN	AC122	AC125	2N406	2N526		17, 01
ASY50				AC131/30	ASY48				17, 01
ASY50				ASY70IV	ASY70V				17, 01
ASY52	G	P	IN	ASY48V		2N1926			17
ASY53	G	N	IN	(AC127)					17, 01
ASY54	G	P	IN	(AC181V)	ASY26	2N1303			17, 10
ASY54				ASY27	ASY48				17, 10
ASY54N	G	P	NT	OC44N		2N2614			17
ASY55	G	P	IN	(AC151V-I)	ASY27	2N1303			17, 10
ASY55				TF49					17, 10
ASY55N	G	P	NT	OC44N		2N2614			17
ASY56	G	P	IN	ASY27	ASY26	2N1303			17, 10
ASY56				TF49					17, 10
ASY56N	G	P	NT	OC44N		2N2614			17
ASY57	G	P	IN	ASY26	ASY27	2N1303	2N1306		17
ASY57				TF49					17
ASY57N	G	P	NT	OC44N		2N2614			17
ASY58	G	P	IN	ASY27	TF49	2N1303	2N1306		17
ASY58N	G	P	NT	OC44N		2N2614			17
ASY59	G	P	IN	ASY27		2N1307			17
ASY59				TF49					17
ASY59N	G	P	NT	OC44N		2N2614			17
ASY60	G	P	IN	(ASY27)					17, 02
ASY61	G	N	IN	AC127	ASY28	2N1302			10, 17
ASY62	G	N	IN	AC127	ASY29				17, 10
ASY63	G	P	IN	AC181IV	ASY70	2N2614			17
ASY63				OC44N					17
ASY64	G	P	IN	(ASY28)					17, 10
ASY66	G	P	IN	(ASY27)					17, 10
ASY70	G	P	S	AC119	AC124K	2N404	2N467	2S8222	17

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
ASY70				OC74	ASY80		17
ASY72	G	N	IN	(AC127)			17
ASY73	G	N	PH, V, PE, RA, AM	(AC127)	ASY29	2N1304	17, 20
ASY73				ASY74			17, 20
ASY74	G	N	PH, V, PE, RA, AM	(AC127)	ASY29	2N1304	17, 20
ASY74				ASY75			17, 20
ASY75	G	N	PH, V, PE, RA, AM	(AC127)	ASY29	2N1304	17, 10
ASY76	G	P	PH, V, PE, RA, AM	ACY17	ACY16K	2N526	2N1188
ASY76				ASY48	(ASY48V1)		17, 10
ASY77	G	P	PH, V, PE, RA, AM	ACY24K	ASY48	2N526	2N1188
ASY77				(ASY48V1)	ASY81		17, 10
ASY80	G	P	PH, V, AM	ACY17	ACY24K	2N527	2N1188
ASY80				ASY48			17
ASY81	G	P	PH, V, Ss, ML, SE	ACY17	ACY24K	2N11788	17, 10
ASY81				(ASY48V)	ASY77		17, 10
ASY82	G	P	TH, AE	AC152V1			17, 01
ASY83	G	P	TH, AE	AC152V1			17, 01
ASY84	G	P	TH, AE	AC152V1			17, 01
ASY85	G	P	TH, AE	AC152V1			17, 01
ASY86	G	N	TH, AE	AC127			17, 10
ASY87	G	N	TH, AE	AC127			17, 10
ASY88	G	N	TH, AE	AC127			17, 10
ASY89	G	N	TH, AE	AC127			17, 10
ASY90	G	P	AT	ASY48			17, 10
ASY90-1	G	P	AT	ASY48V			17, 10
ASY90-2	G	P	AT	ASY48V1			17, 10
ASY91	G	P	AT	ASY70			17
ASY91-1	G	P	AT	ASY70V			17, 01
ASY91-2	G	P	AT	ASY70V1			17, 01
ASZ10	G	P	PH, TF	AFY19	ASY30K		17, 10
ASZ10				(ASY48V)			17, 10
ASZ11	G	P	PH, V	(AC151V)	ASY31		17, 10
ASZ12	G	P	PH, V	(AC151V)	ASY32		17, 10
ASZ15	G	P	SE, PH, V	AD132	AUY28	2N1533	2SB841
ASZ15				AUY221111			2SB424
ASZ16	G	P	SE, V, PH	AD138/50	AD150	2N1536	2SB838
ASZ16				AUY211V	AUZ11		2SB425
ASZ17	G	P	SE, V, PH	AD138/50	AD150	2N1536	2SB838
ASZ17				ASZ16	AUY21111		2SB425
ASZ17				AUZ11			17
ASZ18	G	P	RA, PH, PE, MN, V	ASZ16	AUY2111	2N1536	2SB840
ASZ18				AUY22	(AUY221V)		2SB424
ASZ18				AUY28	OC36		17, 01
ASZ18	G	P	SE	ASZ16	AUY2111	2N1536	2SB840
ASZ18				AUY22	AUY28		2SB424
ASZ18				(AUY221V)	OC36		17, 01
ASZ20	G	P	PH	AF124	ASY80	2N890	17
ASZ21	G	P	V, MU, PE, PH	(AFY11)	ASY80		17, 01
ASZ21	G	P	V, MU, PE, PH	ASZ20			17, 01
ASZ23	G	P	PH	ACY24	ASY24		17
ASZ30	G	P	TF	ASY24	ASY26	2N1926	17, 10
ASZ30				(ASY48V)			17, 10
AU101	G	P	PH	AU103	AU106	2N5326	16
AU101	G	P	PH	AUY22			16
AU102	G	P	PH, V	AC128	AL103	2N2147	16
AU102				AUY21111	AUY22111		16
AU103	G	P	PH	AU106	AU106	2N5326	2SB468
AU104	G	P	PH	AU106		2N5326	16
AU106	G	P	S	AU103	(AUY221V)		16, 18
AU106				ASZ15			16, 18
AU106	G	P	AT	AU112		2N5326	16
AU107	G	P	AT	AU106		2N5326	16
AU108	G	P	AT	AL103	ASZ15	2N2147	16
AU108F	G	P	AT	AL103		2N2142	16
AU110	G	P	AT	AU106	AUY38	2N5326	16
AU111	G	P	AT	AU106		2N5326	16
AU112	G	P	AT	AU106		2N5326	16
AU113	G	P	AT	AU106		2N5326	16
AUY10	G	P	PH, V	(AD1321V)	AL103	2N2147	2N4023
AUY18	G	P	S	AD148	ASZ15	2N1533	16, 10
AUY18				ASZ16		2N1536	16
AUY18V	G	P	S	ASZ16		2N1536	16
AUY18V				AD138/50	ASZ15	2N157A	2SB250
AUY19	G	P	S	ASZ16	AUY33	2N1536	2SB338
AUY19				OC28			16

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
AUY19III	G	P S		ASZ18		2N1536			16
AUY19IV	G	P S		ASZ16		2N1536			16
AUY19V	G	P S		ASZ18		2N1536			16
AUY20	G	P S		AD132	ASZ15	2N157A	2N1533	2S887	16
AUY20				ASZ18	AUY32			2S8341	16
AUY20				OC36					16
AUY20III	G	P S		ASZ15		2N1533			16
AUY20IV	G	P S		ASZ15		2N1533			16
AUY20V	G	P S		ASZ18		2N1533			16
AUY21	G	P S		ASZ15	ASZ16	2N352	2N1536	2S886	16
AUY21				ASZ18	AUY19IV				16
AUY21				AUY28					16
AUY21II	G	P S		ASZ16		2N1536			16
AUY21III	G	P S		ASZ18		2N1536			16
AUY21IV	G	P S		ASZ16		2N1536			16
AUY21A	G	P AT		ASZ16	ASZ16	2N1536			16
AUY21A				AUY21					16
AUY21A.2	G	P AT		AUY21II					16
AUY21A.3	G	P AT		AUY21III					16
AUY21A.4	G	P AT		AUY21IV					16
AUY22	G	P S		ASZ15	ASZ16	2N174	2N561	2S887	16
AUY22				AUY20IV	OC36	2N1533		2S8341	16
AUY22II	G	P S		ASZ15		2N1533			16
AUY22III	G	P S		ASZ15		2N1533			16
AUY22IV	G	P S		ASZ15		2N1533			16
AUY22A	G	P AT		ASZ15	AUY22	2N1533			16
AUY22A.2	G	P AT		AUY22II					16
AUY22A.3	G	P AT		AUY22III					16
AUY22A.4	G	P AT		AUY22IV					16
AUY28	G	P TF		ASZ16	AUY22III	2N1533		2S8340	16
AUY28				AUY22IV					16
AUY29	G	P S		ADZ11	AUY30	ASZ16	2N1167		16
AUY29				AUY29IV	AUY29V	AUY29V			16
AUY29III	G	P S		AUY29V			2N1167		16
AUY29IV	G	P S		AUY29V			2N1167		16
AUY29V	G	P S					2N1167		16
AUY30	G	P SE		ASZ15	ASZ16				16, 06
AUY30				AUY22II	AUY22III				16, 06
AUY30				AUY28					16, 06
AUY31	G	P SE		ASZ16	ASZ18				16
AUY31				AUY21III	AUY28				16
AUY32	G	P SE		ASZ16	ASZ18				16, 06
AUY32				AUY20	AUY20IV				16, 06
AUY32				AUY28					16, 06
AUY33	G	P SE		AD149	ASZ16				16, 06
AUY33				AUY19III	AUY19IV				16, 06
AUY33				AUY28					16, 06
AUY34	G	P S		ASZ15	ASZ18	2N1533			16
AUY34II	G	P S		ASZ18		2N1533			16
AUY34III	G	P S		ASZ15		2N1533			16
AUY34IV	G	P S		ASZ16		2N1533			16
AUY35	G	P AT		AL103	ASZ16	2N2147			16, 06
AUY35				(AUY18)	AUY30				16, 06
AUY35-4	G	P AT		(AUY18IV)					16, 06
AUY35-6	G	P AT		(AUY18V)					16, 06
AUY35-6	G	P AT		(AUY18V)					16, 06
AUY36	G	P AT		AL103	(AUY18)	2N2147			16, 06
AUY36				AUY35	AUY38				16
AUY37	G	P AT		ASZ16	(AUY22)	2N1533			16, 06
AUY37				AUY30	AUY34II				16, 06
AUY37-4	G	P AT		(AUY22IV)					16, 06
AUY37-5	G	P AT		(AUY22IV)					16, 06
AUY38	G	P AT		ASZ15	AU106	2N6325			16
AUZ11	G	P TF		AD150	ASZ16				16
AUZ11				ASZ17					16
8133000	S	N		8D221					
8133001	S	N		8D221					
8133002	S	N		8D221					
8133003	S	N				2N6122			
8133004	S	N				2N6122			
8133005	S	N				2N6122			
8133006	S	N				2N6123			
8133007	S	N				2N6123			
8133008	S	N				2N6123			
8170000	S	N SD				2N6569			06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
B170001	S	N	SD		2N6569		06
B170002	S	N	SD		2N6569		06
B170003	S	N	SD		2N5882		06
B170004	S	N	SD		2N5882		06
B170005	S	N	SD		2N5882		06
B170006	S	N	SD		2N5629		06
B170007	S	N	SD		2N5629		06
B170008	S	N	SD		2N5629		06
B170009	S	N	SD		2N6569		06
B170010	S	N	SD		2N6569		06
B170011	S	N	SD		2N6569		06
B170012	S	N	SD		2N5882		06
B170013	S	N	SD		2N5882		06
B170014	S	N	SD		2N5882		06
B170015	S	N	SD		2N5629		06
B170016	S	N	SD		2N5629		06
B170017	S	N	SD		2N5629		06
B170018	S	N	SD		2N6569		06
B170019	S	N	SD		2N6569		06
B170020	S	N	SD		2N6569		06
B170021	S	N	SD		2N5882		06
B170022	S	N	SD		2N5882		06
B170023	S	N	SD		2N5882		06
B170024	S	N	SD		2N5629		06
B170025	S	N	SD		2N5629		06
B170026	S	N	SD		2N5629		06
B176000	S	N	SD		FT410		
B176001	S	N	SD		FT410		
B176002	S	N	SD		FT410		
B176003	S	N	SD		FT410		
B176004	S	N	SD		FT413		
B176005	S	N	SD		FT413		
B176006	S	N	SD		FT423		
B176007	S	N	SD		FT423		
B176024	S	N	SD		FT423		
B176025	S	N	SD		FT423		
BC100	S	N	TF	BCY49A	BD115		01
BC100	S	N	TF	(BF459)			01
BC107	S	N	IN, S, TF, V, PH	AM251	BC147	MPS6566 2N929	01
BC107	S	N	IN, S, TF, V, PH	BC167	BC182		01
BC107	S	N	IN, S, TF, V, PH	BC207	BC317		01
BC107	S	N	IN, S, TF, V, PH	BC407	BC547		01
BC107A	S	N	IN, S, TF, V, PH	BC107	BC147A	2N929 2N2921	01
BC107A	S	N	IN, S, TF, V, PH	BC182A	BC407A	2N3568	01
BC107A	S	N	IN, S, TF, V, PH	BC547A			01
BC107B	S	N	IN, S, TF, V, PH	BC107	BC147B	2N929	01
BC107B	S	N	IN, S, TF, V, PH	BC407B	BC547B		01
BC108	S	N	IN, S, TF, V, PH	AM252	BC107	MPS6520 2N929	01
BC108	S	N	IN, S, TF, V, PH	BC148	BC168		01
BC108	S	N	IN, S, TF, V, PH	BC183	BC208		01
BC108	S	N	IN, S, TF, V, PH	BC318	BC408		01
BC108	S	N	IN, S, TF, V, PH	BC548			01
BC108A	S	N	IN, S, TF, V, PH	BC107	BC148A	2N929 2N3391	01
BC108A	S	N	IN, S, TF, V, PH	BC183A	BC408A		01
BC108A	S	N	IN, S, TF, V, PH	BC548A	BSY76		01
BC108B	S	N	IN, S, TF, V, PH	BC107	BC148B	2N929	01
BC108B	S	N	IN, S, TF, V, PH	BC183B	BC408B		01
BC108B	S	N	IN, S, TF, V, PH	BC548B	BSY80		01
BC108C	S	N	IN, S, TF, V, PH	BC107	BC148C	2N929	01
BC108C	S	N	IN, S, TF, V, PH	BC408C	BC548C		01
BC109	S	N	IN, S, TF, V, PH	AM253	BC149	MPS6521 2N930	01
BC109	S	N	IN, S, TF, V, PH	BC169	BC184		01
BC109	S	N	IN, S, TF, V, PH	BC209	BC319		01
BC109	S	N	IN, S, TF, V, PH	BC409	BC549		01
BC109B	S	N	IN, S, TF, V, PH	BC109	BC149B	MPS6521 2N930	01
BC109B	S	N	IN, S, TF, V, PH	BC184B	BC409B		01
BC109B	S	N	IN, S, TF, V, PH	BC549B			01
BC109C	S	N	IN, S, TF, V, PH	BC109	BC149C	2N930	01
BC109C	S	N	IN, S, TF, V, PH	BC184C	BC409C		01
BC109C	S	N	IN, S, TF, V, PH	BC549C			01
BC110	S	N	S, TF	BC107	BC174	A157 2N3701	01
BC110	S	N	S, TF	BF177	BSW32		01
BC111	S	N	RA	BC182	BC146		01
BC112	S	N	V	BC122	BC146		01
BC112	S	N	V	BE246	BCW83		01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
8C112gn	S	N	V	(8C122b)			01
8C112r	S	N	V	(8C122ye)			01
8C112ye	S	N	V	(8C122gn)			01
8C113	S	N	SG, ME, NS, AT, F	8C128	8C183		01
8C113	S	N		8C208	8C237B	MP98520 2N4967	2N3568
							25C458
8C113	S	N		8C238			01
8C113A	S	N	SG, AT	8C237B			01
8C114	S	N	SG, ME, NS, AT, F	8C173	8C183	MP98521	2N3568
8C114	S	N		8C184	8C184B	2N4967	
8C114	S	N		8C209	8C238B		
							01
8C114	S	N		8C239	8C239B		
8C114	S	N		8C413C			
8C114A	S	N	SG, AT	8C414B			
8C115	S	N	SG, F	8C107	8C182	MP98568	2N3568
8C115	S	N		8C183	8C237	2N5825	
							25C984
8C115	S	P	SG, NS, ME, AT	8C237A			
8C116	S	P		8C177	8C281	MP98534	2N2904
8C116	S	P		8C212	8C307VI	2N5041	2N6016
8C116A	S	P	SG, ME, AT	8C307			
				8C177	8C212	2N2904	2N4036
8C116A	S	N	SG, ME, AT	8C261	BFR23	2N5041	
8C117	S	N		8C141	8C145	2N1990	2N5831
8C117	S	N		8F178	(8F457)		
8C118	S	N	SG	8C129	8C171	2N3568	2N4401
8C118	S	N		8C182	8C237	2N5825	
8C118	S	N	SG, TX, AT, F	8C237A			
8C119	S	N		8C140	8C140-6	SX3704(SP)	2N697
8C120	S	N	SG, TX, AT	8FV51		2N2218	2N2297
8C120	S	N		8C108	8C140	SX3704(SP)	2N697
8C120	S	N		8C140-6	8C286	2N2218	2N2036
8C120	S	N		8FV51		2N3665	
8C121	S	N	S	8C146	8C183		
8C121bl	S	N	S	8C146bl	8C146G		
8C121gn	S	N	S	8C146G	8C146ye		
8C121w	S	N	S	8C146	8C146r		
							25C458
8C121ye	S	N	S	8C107A	8C146ye		
8C122	S	N	S	8C146	8C183		
8C122bl	S	N	S	8C146G			
8C122gn	S	N	S	8C146G			
8C122ye	S	N	S	8C107A	8C146ye		
8C123	S	N	S	8C146	8C183		
8C123w	S	N	S				
8C123ye	S	N	S	8C107A			
8C125	S	N	SG, ME, AT, F	8C107	8C107A	MP98568	2N2297
8C125	S	N		8C140-6	8C182		
8C125	S	N		8C337	8FY50		
8C125A	S	N	SG, NS	8C140-6			
8C125B	S	N	SG, NS, AT	8C140-6	8FY50	2N2297	
8C126	S	P	SG, ME, NS, AT, F	8C180-6	8C281	2N3638A	2N4402
8C126	S	P		8C307		2N5041	
8C126A	S	P	SG, NS	8C180-10			
8C127	S	N	AT	8C146r	8C146		
8C127	S	N		8C184			
8C128	S	N	AT	8C146			
8C129	S	N	TF	8C107	8C182	A157	MP98686
8C129	S	N		8C207	8C237		
8C129	S	N		8C317			
8C129A	S	N	TF	8C107A	8C182A	MP98568	2N3568
8C129A	S	N		8C237A			
8C129B	S	N	TF	8C107B	8C182B	MP98568	
8C129B	S	N		8C237B			
8C130	S	N	TF	8C108	8C183	A157	MP98520
8C130	S	N		8C238	8C107		
8C130	S	N		8C208	8C318		
8C130A	S	N	TF	8C108A	8C183A		
							25C281
8C130A	S	N		8C238B			
8C130B	S	N	TF	8C108B	8C183B		
8C130B	S	N		8C238			
8C130C	S	N	TF	8C238C			
8C131	S	N	TF	8C108B	8C109	MP98521	SX3710
8C131	S	N		8C184	8C209	2N930	
8C131	S	N		8C239	8C319		
8C131B	S	N	TF	8C109B	8C184B		
8C131B	S	N		8C239B			
8C131C	S	N	TF	8C109C	8C184C		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BC131C				BC239C			01, 02
BC132	S	N	SG, NS, ME, AT	BC1089	BC183B	2N966	01
BC132				BC238A	BC237A		01
BC132				BC207		2N3565	01
BC132A	S	N	SG, AT	BC237B			01
BC134	S	N	SG, AT	BC1078	BC207	2N4966	01
BC134				BC237B	RC184(SP)		01
BC136	S	N	SG, AT	BC107	BC107A	MP96566	01
BC136				BC118	BC182	2N4966	01
BC136				BC182B	BC237A		01
BC135A	S	N	SG, AT	BC237A			01
BC136	S	N	SG, AT	BC126	BC171	MP96566	01
BC136				BC140-6	BC182		01
BC136				BC237	BC237A		01
BC136				BC140			01
BC137	S	F	SG, ME, NS, AT	BC116	BC160	MM3726	01
BC137				BC160-10	BC327	2N5448	01
BC138	S	N	SG, AT	BC140-6		2N2219	2N2297
BC138				8FY51			01
BC139	S	F	SG, TX, ME, AT	BC160	BC160-6	MM3726	2N1132
BC139				8FY98			01
BC139						2N2904	2N4036
BC140	S	N	TF, TX, SG, S, V, F	BC286	BC429	2N5855	4D408
BC140	S	N	TF, TX, SG, S, V, F	8FY60	BSV46	2N2218A	2N2297
BC140C	S	N	S	BC140-6		2N3036	2N5321
BC140D	S	N	S	BC140-16			
BC140E	S	N	IN, S, V, TF, F	8FY50		2N2297	
BC140/10	S	N	IN, S, V, TF, F	8FY50		2N2297	
BC140/16	S	N	IN, S, V, TF, F	8FY50		2N2297	
BC141	S	N	F, TF, TX, SG, S, V	BC310	BC429A	2N2297	2N3036
BC141				8FY50		2N3020	2N5320
BC141C	S	N	S	BC141-6			
BC141D	S	N	S	BC141-16			
BC141E	S	N	IN, S, TF, V, F	8FY50		2N2297	
BC141/10	S	N	IN, S, TF, V, F	8FY50		2N2297	
BC141/16	S	N	IN, S, TF, V, F	8FY50		2N2297	
BC142	S	N	SG, TX, ME, AT, F	BC141-6	BC141	2N2219	2N2219A
BC142				BC286	8FY50	2N3020	2N3036
BC143	S	P	SG, TX, ME, NS, AT	BC160	BC161-6	MM3726	2N1132
BC143				BC287		2N4037	40596
BC144	S	N	SG, TX, AT	BC140-6	BC140	2N2218A	2N2297
BC144				BC286	8FY50	40594	
BC144				8SY44			
BC145	S	N	SG, AT	BC117	BC141	2N1990	
BC145				8F117	8F178		
BC145				8F297	(8F457)		
BC146	S	N	MU, PH, V, RA, AM	(BC122)	BCW83		
BC146gn	S	N	MU, PH, V	(BC122bi)			
BC146r	S	N	MU, PH, V	(BC122ye)			
BC146ye	S	N	MU, PH, V	(BC122gn)			
BC147	S	N	S, AT, TF, V, PH	BC171	BC182	A747	MP96566
BC147				BC107	BC207		
BC147				BC317	BC407		
BC147				BC582	BC547		
BC147A	S	N	AT, S, TF, V, PH	BC147	BC171A	A747	MP96566
BC147A				BC182A	BC107		
BC147A				BC497A	BC547		
BC147B	S	N	AT, S, TF, V, PH	BC147	BC171B	A747	
BC147B				BC187B	BC182B		
BC147B				BC497B	BC547B		
BC148	S	N	AT, S, TF, V, PH	BC108	BC147	A747	MP96520
BC148				BC172	BC183		
BC148				BC298	BC318		
BC148				BC408	BC548		
BC148				BC583			
BC148A	S	N	AT, S, TF, V, PH	BC108A	BC147	A747	MP96520
BC148A				BC183A	BC172A	2N3568	
BC148A				BC408A	BC548A		
BC148B	S	N	AT, S, TF, V, PH	BC147	BC108B	A747	2N3568
BC148B				BC183B	BC172B		
BC148B				BC408B	BC548B		
BC148C	S	N	AT, S, TF, V, PH	BC108C	BC172C	A747	2N3568
BC148C				BC183C	BC408C		
BC148C				BC583C			

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BC149	S	N	AT, S, TF, V, PH	BC109	BC173	A749	MP58521		01
BC149				BC184	BC209				01
BC149				BC319	BC409				01
BC149				BC549					01
BC149B	S	N	AT, S, TF, V, PH	BC109B	BC149	A749	MP58521	ZSC258	01
BC149B				BC173B	BC184B				01
BC149B				BC409B	BC549B				01
BC149C	S	N	AT, S, TF, V, PH	BC109C	BC149	A749			01
BC149C				BC173C	BC409C				01
BC149C				BC549C					01
BC150	S	N	TH, AE	BC188B		SX3707(SP)			01
BC151	S	N	TH, AE	BC187		SX3707(SP)			01
BC152	S	N	TH, AE	(BC187B)		SX3707(SP)			01
BC153	S	P	SG, ME, NS, AT, F	BC212	BC251	MP58516	2N498B		01
BC153				BC307A	BC416A	2N5041			01
BC154	S	P	SG, ME, NS, AT, F	BC158	BC307A	MP58522	2N4987		01
BC154				BC213	BC252				01
BC154				BC416B	BC214(SP)				01
BC155	S	N	TF	(BC121)	BC183				01
BC155A	S	N	TF	(BC121w)					01
BC155B	S	N	TF	(BC121gn)					01
BC155C	S	N	TF	(BC121bl)					01
BC156	S	N	TF	(BC121)	BC183				01
BC156A	S	N	TF	(BC121w)					01
BC156B	S	N	TF	BC121gn					01
BC156C	S	N	TF	(BC121bl)					01
BC157	S	P	AT, PH, S, V	BC320	BC212	MP58516	2N5041	25A565	01
BC157				BC307	BC251				01
BC157				BC557	BC204				01
BC157				BC177					01
BC157A	S	P	AT, PH, S, V	BC157					01
BC157B	S	P	AT, PH, S, V	BC157					01
BC157V	S	P	S	BC157A					01
BC157VI	S	P	AT, PH, V, S	BC157A	BC157				01
BC157B	S	P	AT, PH, V, S	BC157A	BC157				01
BC158	S	P	AT, PH, S, V	BC321	BC178	MP58522		25A565	01
BC158				BC252	BC157				01
BC158				BC213	BC308				01
BC158				BC206	BC558				01
BC158A	S	P	AT, PH, S, V	BC178A	BC157				01
BC158A				BC308A	BC558				01
BC158B	S	P	AT, PH, S, V	BC178B	BC158				01
BC158B				BC308B	BC558B				01
BC158V	S	P	S	BC158A					01
BC158VI	S	P	AT, PH, V, S	BC158A	BC157				01
BC158/5	S	P	AT, PH, V, S	BC157	BC158A				01
BC159	S	P	AT, PH, S, V	BC309	BC214	MP58523		25A565	01
BC159				BC559	BC206				01
BC159				BC179	BC322				01
BC159A	S	P	AT, PH, V, S	BC179A	BC159				01
BC159A				BC309A	BC559A				01
BC159B	S	P	AT, PH, V, S	BC179B	BC159				01
BC159B				BC309B	BC559B				01
BC160	S	P	TF, TX, SQ, S, V, F	BC287	BC143	2N2904	2N5321		01
BC160						2N4037	2N1132		01
BC160						MM3726			01
BC160/5	S	P	IN, S, TF, V, F	BC143		2N4037			01
BC160/10	S	P	IN, S, TF, V, F	BC143		2N4037			01
BC160/16	S	P	IN, S, TF, V, F	BC143		2N4037			01
BC161	S	P	TF, TX, SQ, S, V, F	BC430A	BC311	2N5322	2N4037		01
BC161			IN	BC143		2N2904			01
BC161/5	S	P	IN, S, TF, V, F	BC143		2N4037			01
BC161/10	S	P	IN, S, TF, V, F	BC143		2N4037			01
BC161/16	S	P	IN, S, TF, V, F	BC143		2N4037			01
BC167	S	N	S, TF	BC317	BC171	MP58566	2N3710	25C458	01
BC167				BC237	BC182				01
BC167				BC182L	BC207				01
BC167A	S	N	S, TF	BC182L		2N3710			01
BC167B				BC171B	BC182B	MP58566	2N3710		01
BC167B				BC182L					01
BC168	S	N	S, TF	BC318	BC172	MP58520	2N3710		01
BC168				BC238	BC183				01
BC168				BC182L	BC208				01
BC168A	S	N	S, TF	BC172A	BC183A	MP58520	2N3710	25C458	01
BC168A				BC182L					01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BC168B	S	N	S, TF	BC172B	BC183B	2N3710	01
BC168B				BC182L			01
BC168C	S	N	S, TF	BC172C	BC183C	2N3707	01
BC168C				BC184L			01
BC169	S	N	S, TF	BC319	BC173	MP98521	2N3707
BC169				BC239	BC184		01
BC169				BC184L	BC209		01
BC169B	S	N	S, TF	BC173B	BC184B	MP98521	2N3707
BC169B				BC184L			01
BC169C	S	N	S, TF	BC173C	BC184C	2N3707	01
BC169C				BC184L			01
BC170	S	N	IN, NS	BC583	BC169	2N5825	01
BC170				BC237	BC208		01
BC170				BC318			01
BC170A	S	N	IN, ME, NS	BC168	BC238A	2N5825	25C458
BC170A				BC172	BC148		01
BC170A				BC208	BC237		01
BC170B	S	N	IN, ME, NS	BC168	BC237	2N5825	01
BC170B				BC238B	BC172		01
BC170B				BC238A	BC183		01
BC170B				BC148	BC209		01
BC170C	S	N	IN, ME, NS	BC238C	BC237	2N5825	01
BC171	S	N	IN, IT, NS	BC207	BC238	MP98566	2N2921
BC171				BC317	BC182	2N5827	25C458
BC171				BC582	BC237		01
BC171A	S	N	IN, NS	BC237A	BC239	2N5827	01
BC171B	S	N	IN, NS	BC237B	BC239	2N5827	01
BC172	S	N	IN, IT	BC208	BC237	MP98522	2N5825
BC172				BC183	BC238		01
BC172				BC318	BC583		01
BC172A	S	N	IN, NS	BC238A	BC237	2N5925	01
BC172B	S	N	IN, NS	BC238B	BC239	2N5827	01
BC172C	S	N	IN, NS	BC238C	BC239	2N5827	01
BC173	S	N	IN, IT, NS	BC209	BC238	MP98521	2N5827
BC173				BC319	BC184		01
BC173				BC584	BC239		01
BC173B	S	N	IN, NS	BC238B	BC239	2N5827	01
BC173C	S	N	IN, NS	BC139C	BC239	2N5827	01
BC174	S	N	IN, V	BC182	BC239E	2N5825	01
BC174				BC182B	BC110		01
BC174				BC237	BCY85111		01
BC174A	S	N	IN, V	BCY88EVII	BC237	2N5825	01
BC174B	S	N	IN, V	BCY88EIX	BC237	2N5825	01
BC175	S	N	TH, AE	(BCY85B)		2N3704(SP)	01
BC177	S	P	AT, S, TF, V, PH	BC320	BC157	MP98517	2N3965
BC177				BC261	BC307		01
BC177				BC212	BC512		01
BC177				BC657	BC204		01
BC177				BCY70			01
BC177A	S	P	AT, S, TF, V	BCY71		2N3965	01
BC177B	S	P	AT, S, TF, V	BCY71		2N3965	01
BC177V	S	P	SE, Sa, ML, S	BC177A			01
BC177VI	S	P	AT, TF, V, Sa, ML	BC177A	BC307		01
BC177VI	S	P	NS, S	BC177A	BC307		01
BC178	S	P	AT, S, TF, V, PH	BC321	BC308	MP98518	2N3965
BC178				BC213	BC513		01
BC178				BC658	BC262		01
BC178				BCY70	BC205		01
BC178				BC158			01
BC178A	S	P	AT, S, TF, V, PH	BC558A	BCY71	2N3965	01
BC178A				BC158A	BC308A		01
BC178B	S	P	AT, S, TF, V, PH	BC558B	BCY71	2N3965	01
BC178B				BC158B	BC308B		01
BC178V	S	P	SE, Sa, ML, S	BC178A			01
BC179	S	P	AT, S, TF, V, PH	BC322	BC309	MP98519	2N3965
BC179				BC214	BC514		01
BC179				BC559	BC263		01
BC179				BCY70	BC206		01
BC179A	S	P	AT, TF, V, S, PH	BC159	BCY71	2N3965	01
BC179A				BC559A			01
BC179B	S	P	AT, S, TF, V, PH	BC159A	BC309A		01
BC179B				BC559B	BCY71	2N3965	01
BC179B				BC159B	BC309B		01
BC179V	S	P	SE	BC179B			01
BC179VI	S	P	AT, TF, V	BC179B			01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BC180	S	N	TH, AE	(BC167B)		2N3704(SP1)			01
BC180A	S	N		BC237		2N5825			01
BC181	S	P	TX	BC157	BC307A				01
BC181	S	P		BC251	BC307V1				01
BC181	S	P		BC204	BC177				01
BC182	S	N	S, SE, TF, TX	BC317	BC171	MP56566			01
BC182	S	N		BC174	BC237				01
BC182	S	N		BC207					01
BC182A	S	N	NS, TX, S, TF	(BC167A)					01
BC182K	S	N	NS	BC182	BC237	2N5825			01
BC182KA	S	N	NS	BC182A	BC237	2N5825			01
BC182KB	S	N	NS	BC182B	BC237	2N5825			01
BC182L	S	N	NS, TX	(BC167)		2N5209			01
BC182LA	S	N	NS, TX	BC182L		2N5209			01
BC182LB	S	N	NS, TX	(BC167B)	BC182L	2N6209			01
BC183	S	N	SE, TX, NS	BC238	BC182	MP56520			01
BC183	S	N		BC208	(BC237)				01
BC183	S	N		BC318	BC172				01
BC183	S	N		BC237A					01
BC183A	S	N	SE, TX, NS, S	BC182A	BC237A				01
BC183B	S	N	SE, TX, NS, S	BC182B	BC237B				01
BC183C	S	N	SE, TX, S, NS	BC182B	BC237B				01
BC183K	S	N	NS	BC182	BC237	2N5825			01
BC183KA	S	N	NS	BC182A	BC237A	2N5825			01
BC183KA	S	N	NS	BC237					01
BC183KB	S	N	NS	BC182B	BC237B	2N5825			01
BC183K8	S	N	NS	BC237					01
BC183KC	S	N	NS	BC182B	BC237B	2N5825			01
BC183KC	S	N	NS	BC237					01
BC183L	S	N	NS, TX	BC167	BC182L	2N5209			01
BC183LA	S	N	NS, TX	BC167A	BC182L	2N5209			01
BC183LB	S	N	NS, TX	BC167B	BC182L	2N5209			01
BC183LC	S	N	NS, TX	BC167B	BC182L	2N5209			01
BC184	S	N	SE, TX, NS	BC239	BC550	MP56521			01
BC184	S	N		BC208	BC413				01
BC184	S	N		BC319	BC173				01
BC184	S	N		BC237					01
BC184B	S	N	SE, TX, NS	BC550B	BC413B				01
BC184C	S	N	SE, TX, NS	BC550C	BC413C				01
BC184K	S	N	NS	BC550	BC413	2N5827			01
BC184K	S	N	NS	BC239					01
BC184KB	S	N	NS	BC550B	BC413B	2N5827			01
BC184KB	S	N	NS	BC239					01
BC184KC	S	N	NS	BC550C	BC413C	2N5827			01
BC184KC	S	N	NS	BC239					01
BC184L	S	N	NS, TX	(BC169)		2N5210			01
BC184LB	S	N	NS, TX	(BC169B)	BC184L	2N5210			01
BC184LC	S	N	NS, TX	(BC169C)	BC184L	2N5210			01
BC185	S	N	AT, SG	BC140-6	BC140	2N2219	2N2219A		01
BC185	S	N		BSW54					01
BC186	S	P	MU, MN, V	BC178	BC261	2N3965			01
BC186	S	P		BC307A	BC281				01
BC186	S	P		BC177V1					01
BC187	S	P	MU, V	BC179	BC308B	2N3965			01
BC187	S	P		BC261	BC177V1				01
BC187	S	P		BC181	BC178A				01
BC187	S	P		BCY71					01
BC190	S	N	IN	BCY85E					01
BC190A	S	N	IN	BCY85EVII	BC107	2N929			01
BC190B	S	N	IN	BCY85EIX	BC108	2N930			01
BC192	S	P	IN	BC328-16	BSW24	2N2907	SX3702		01
BC194	S	N	TF	(BC337-16)		2N5457			01
BC196	S	P	TF	(BC258)					01
BC196A	S	P	TF	(BC258A)					01
BC196B	S	P	TF	(BC258B)					01
BC196VI	S	P	TF	(BC258A)					01
BC197	S	N	TF	BC237B	(BC167)				01
BC197	S	N	TF	BC207	BC317				01
BC197A	S	N	TF	BC107	(BC167A)				01
BC197A	S	N	TF	BC171	BC182				01
BC197A	S	N	TF	BC147	BC207				01
BC197A	S	N	TF	BC123ve					01
BC197B	S	N	TF	(BC167B)					01
BC198	S	N	TF	BC146ve	(BC168)				01
BC198	S	N	TF	BC208	BC318				01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BC198A	S	N	TF	BC168A)			01
BC198B	S	N	TF	(BC168B)			01
BC198C	S	N	TF	(BC168C)			01
BC199	S	N	TF	(BC169)	BC146C		01
BC199D	S	N	TF	BC122gn	(BC169B)		01
BC199B				BC149	BC209		01
BC199B				BC109	BC319		01
BC199B				BC173			01
BC199C	S	N	TF	(BC169C)			01
BC200	S	P	MU, PH, V, AM, RA	(BC202)	BC206		01
BC200				BC322			01
BC200gn	S	P	MU, PH, V	(BC202gn)			01
BC200r	S	P	MU, PH, V	(BC220r)			01
BC200ye	S	P	MU, PH, V	(BC200w)			01
BC201	S	P	S	BC200	BCW63	25A565	01
BC201gn	S	P	S				01
BC201r	S	P	S	BC201w			01
BC202	S	P	S	BC200ye	BCW63	25A565	01
BC202r	S	P	S	BC202gn			01
BC203	S	P	S	BCW63	BC200ye		01
BC203gn	S	P	S				01
BC203r	S	P	S	BC203w			01
BC204	S	P	SE, AT, F	BC307	BC307A	MPS6517	01
BC204				BC177	BC212		01
BC204				BC251			01
BC204A	S	P	SE, SE, ME, ML	BC307	BC307A	2N6015	01
BC204A	S	P	SG, AT, F	BC307	BC307A	2N6015	01
BC204B	S	P	SE, SE, ME, ML	BC307B	BC309	2N6003	01
BC204B	S	P	SG, AT, F	BC307B	BC309	2N6003	01
BC204V	S	P	SE, SE, ME, ML	BC307A			01
BC204VI	S	P	SE, SE, ME, ML	BC307A			01
BC204VI	S	P	SG, AT, F	BC307A			01
BC205	S	P	SE, AT, F	BC178	BC213	MPS6518	01
BC205				BC204	BC252		01
BC205				BC308			01
BC205A	S	P	SE, AT, F	BC308A	BC309	2N6003	01
BC205B	S	P	SE, SE, ME, ML	BC308B	BC309	2N6003	01
BC205B	S	P	SG, AT, F	BC308B	BC309	2N6003	01
BC205V	S	P	SE	BC308A			01
BC205VI	S	P	SE, SE, ME, ML	BC308A			01
BC206	S	P		BC179	BC213	MPS6519	01
BC206				BC214	BC253		01
BC206				BC306			01
BC206A	S	P	SE, SG	BC308A	BC309	2N6003	01
BC206B	S	P	AT, F, SG	BC308B	BC309	2N6003	01
BC206B	S	P	SE, SE, ME, ML	BC308B	BC309	2N6003	01
BC206V	S	P	SE	BC309A			01
BC206VI	S	P	SE	BC309A			01
BC207	S	N	SE, SG, AT, F	BC187	BC237	2N4966	01
BC207				BC171	BC147		01
BC207				BC107			01
BC207A	S	N	SE, SE, ME, ML	BC237A			01
BC207A	S	N	SG, AT, F	BC237A			01
BC207B	S	N	SE, SE, ME, ML	PC237B			01
BC207B	S	N	SG, AT, F	BC237B			01
BC207C	S	N	SE	BC237B			01
BC208	S	N	SE, SG, AT, F	BC18J	BC238		01
BC208				BC148	BC172		01
BC208				BC108			01
BC208A	S	N	SE, SE, ME, ML	BC238A	BC207	2N4966	01
BC208A	S	N	SG, AT, F	BC238A	BC207	2N4966	01
BC208B	S	N	SE, SE, ME, ML	BC238B	BC239	2N5827	01
BC208B	S	N	SG, AT, F	BC238B	BC239	2N5827	01
BC208C	S	N	SE, SE, ME, ML	BC238C	BC239	2N5827	01
BC208C	S	N	SG, AT, F	BC238C	BC239	2N5827	01
BC209	S	N	SE, SG, AT, F	BC184	BC239	2N4966	01
BC209				BC173	BC149		01
BC209				BC209	BC109		01
BC209A	S	N	SE	BC239B			01
BC209B	S	N	SE, SE, ME, ML	BC239B	BC239	2N5827	01
BC209B	S	N	SG, AT, F	BC239B	BC239	2N5827	01
BC209C	S	N	SE, SE, ME, ML	BC239C	BC239	2N5827	01
BC209C	S	N	SG, AT, F	BC239C	BC239	2N5827	01
BC210	S	N	SE	BC337-16	85X33	2N731	01
BC211	S	N	SE	BC140	8FY51	2N2219A	01
						2N3020	01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BC211						2N2218A			01
BC211A	S	N	SE	BC140-6		2N2297	2N3036		01
BC211A				BFY50					01
BC211A-6	S	N	SE	BC141-6					01
BC211A-10	S	N	SE	BC141-10					01
BC211A-16	S	N	SE	BC141-16					01
BC211B	S	N	SE	BC140-6					01
BC211C	S	N	SE	BC140-10					01
BC211D	S	N	SE	BC140-16					01
BC211E	S	N	SE	BC140-16					01
BC211-6	S	N	SE	BC140-6					01
BC211-10	S	N	SE	BC140-10					01
BC211-16	S	N	SE	BC140-16					01
BC212	S	P	S, TF, TX	BC157	BC177	2N6015			01
BC212				BC204	BC320				01
BC212				BC251	BC307				01
BC212A	S	P	S, TF, TX	BC307		2N6015			01
BC212B	S	P	S, TF, TX	BC307		2N6015			01
BC212K	S	P	NS, TX	BC212	BC307	2N6015			01
BC212KA	S	P	NS, TX	BC212A	BC307	2N6015			01
BC212KB	S	P	NS, TX	BC212B	BC307	2N7015			01
BC212L	S	P	NS, TX	(BC257)		2N5086			01
BC212LA	S	P	NS, TX	(BC257A)	BC212L	2N5086			01
BC212LB	S	P	NS, TX	(BC257B)	BC212L	2N5086			01
BC212VI	S	P	S	BC212A					01
BC213	S	P	TX, NS	BC204	BC307				01
BC213				BC157	BC177				01
BC213A	S	P	TX, NS	BC307A					01
BC213B	S	P	TX, NS	BC307B					01
BC213C	S	P	TX, NS	BC307B					01
BC213K	S	P	NS, TX	BC307	BC309	2N6003			01
BC213KA	S	P	NS, TX	BC307A	BC309	2N6003			01
BC213KB	S	P	NS, TX	BC307B	BC309	2N6003			01
BC213KC	S	P	NS, TX	BC307B	BC309	2N6003			01
BC213L	S	P	NS, TX	BC257	BC212L	2N5086			01
BC213LA	S	P	NS, TX	BC257A	BC213L	2N5086			01
BC213LB	S	P	NS, TX	BC257B	BC212L	2N5086			01
BC213LC	S	P	NS, TX	BC257B	BC212L	2N5086			01
BC214	S	P	TX, NS	BC322	BC253				01
BC214				BC307A	BC560				01
BC214				BC206	BC179				01
BC214A	S	P	TX, NS	BC560A	BC415A				01
BC214B	S	P	TX, NS	BC560B	BC415B				01
BC214C	S	P	TX, NS	BC560C	BC415C				01
BC214K	S	P	NS, TX	BC560	BC415	2N6003			01
BC214K				BC309					01
BC214KA	S	P	NS, TX	BC560A	BC415A				01
BC214KB	S	P	NS, TX	BC560B	BC415B	2N6003			01
BC214KB				BC309					01
BC214KC	S	P	NS, TX	BC560C	BC415C	2N6003			01
BC214KC				BC309					01
BC214L	S	P	NS, TX	(BC259)		2N5087			01
BC214LA	S	P	NS, TX	(BC259B)					01
BC214LB	S	P	NS, TX	(BC259B)	BC214L	2N5087			01
BC214LC	S	P	NS, TX	(BC259C)	BC239	2N5827			01
BC215	S	P	SE	BC231	BC327	2N2907A			01
BC215				BC261	BSW24				01
BC215				BC157					01
BC215A	S	P	SE	BC327-16					01
BC215B	S	P	SE	BC327-16					01
BC216	S	N	IS, AT	BC182					01
BC217	S	N	IS, AT	BC183					01
BC218	S	N	IS, RZ	BC237A					01
BC218A	S	N	IS, RZ	BC237A					01
BC219	S	N	IS, RZ	BC140-6					01
BC220	S	N	AT, SG	BC207	BC113	2N4966			01
BC220				BC237A	BC183B				01
BC221	S	P	AT, SG	BC327-16	BC328	2N3638A	2N5447		01
BC221				BF995		2N4036			01
BC222	S	N	AT, SG	BFY50	BC337 16	2N5449	2N2297		01
BC222				BC125	BC338				01
BC223	S	N	TX	BC207	BC107	2N3704	2N5449		01
BC223				BC337	BC130	2N5825			01
BC223				BC237	BC147				01
BC223A	S	N	TX	BC337-16	BC237	2N5825			01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BC223B	S	N	TX	BC337-25	BC239	2N5827		01	
BC224	S	P	TX	BC158	BC257B	2N5087		01	
BC224				BC213	BC308B			01	
BC224				BC205	BC258B			01	
BC22v	S	P	AT, SG	BC204	BC416A	2N4249		01	
BC225				BC307A	BC212			01	
BC226	S	N	SG, AT	BC140-16	BFY51	2N2297		01	
BC226A	S	N	IS, RZ					01	
BC231	S	P	TX	BC179	(BC257)	FP6535		01	
BC231				BC161	BC327			01	
BC231				BC137	BC257A			01	
BC231A	S	P	TX	(BC257A)	BC212L	2N5086		01	
BC231B	S	P	TX	(BC257B)	BC214L	2N5087		01	
BC231M	S	P	TX	(BC166-16)				01	
BC231bl	S	P	TX	(BC257A)				01	
BC231gn	S	P	TX	(BC257A)				01	
BC231gn	S	P	TX	(BC257B)				01	
BC231v	S	P	TX	(BC257B)				01	
BC231ye	S	P	TX	(BC257A)				01	
BC232	S	N	TX	BC147	(BC167)			01	
BC232				BC207	BC107			01	
BC232				BC163A	BC130			01	
BC232A	S	N	TX	(BC167A)	BC337	FP56532	2N5209	01	
BC232A				BC182L				01	
BC232B	S	N	TX	(BC167B)	BC184L	2N5210		01	
BC232M	S	N	TX	(BC140-16)				01	
BC232bl	S	N	TX	(BC167A)				01	
BC232gn	S	N	TX	(BC167A)				01	
BC232gn	S	N	TX	(BC167B)				01	
BC232v	S	N	TX	(BC167B)				01	
BC232ye	S	N	TX	(BC167A)				01	
BC234	S	N	IS, RZ	BC237A				01	
BC234A	S	N	IS, RZ	BC237A				01	
BC236	S	N	IS, RZ	BC237B				01	
BC235A	S	N	IS, RZ	BC237B				01	
BC236	S	N	SE	(8F457)	BC394			01	
BC237	S	N	PH, S, TF, V	BC182	BC171	MP56566	2N5448	01	
BC237				BC207	BC317	2N5825		01	
BC237A	S	N	PH, S, TF, V	BC237		2N5825		01	
BC237B	S	N	PH, S, TF, V	BC237		2N5825		01	
BC238	S	N	PH, S, TF, V	BC318	BC172	MP56520	2N5447	01	
BC238				BC237	BC183	2N5825		01	
BC238				BC206				01	
BC238A	S	N	PH, S, TF, V	BC237		2N5825		01	
BC238B	S	N	PH, S, TF, V	BC237		2N5825		01	
BC238C	S	N	PH, S, TF, V	BC237				01	
BC238	S	N	PH, S, TF, V	BC173	BC319	MP56512	2N5447	01	
BC238				BC184	BC208	2N5827		01	
BC238B	S	N	PH, S, TF, V	BC238		2N5827		01	
BC238C	S	N	PH, S, TF, V	BC238		2N5827		01	
BC240	S	P				2N4058		01	
BC241	S	P				2N4059		01	
BC242	S	P				2N4060		01	
BC243	S	P				2N4061		01	
BC244	S	P				2N4062		01	
BC245	S	N				2N3707		01	
BC246	S	N				2N3708		01	
BC247	S	N				2N3709		01	
BC248	S	N				2N3710		01	
BC249	S	N				2N3711		01	
BC250	S	P		BC205	BC308V1	2N6015		01	
BC250				BC308	BC307			01	
BC250				BC177	BC231			01	
BC250A	S	P	IN, TX	BC308A	BC307	2N6015		01	
BC250B	S	P	IN, TX	BC308B	BC307	2N6015		01	
BC250C	S	P	IN, TX	BC308C	BC307	2N6015		01	
BC251	S	P	IN	BC157	BC153			01	
BC251				BC512				01	
BC251				BC320				01	
BC251A	S	P	IN, NS, TX	BC307A	BC307	2N6015		01	
BC251B	S	P	IN, NS, TX	BC307B	BC307	2N6015		01	
BC251C	S	P	IN, TX	BC307B	BC307	2N6015		01	
BC252	S	P	IN	BC158	BC205		7SA565	01	
BC282				BC513	BC213			01	
BC252				BC308				01	

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
8C252A	S	P	IN, NS, TX	8C306A	8C307	2N6015			01
8C252B	S	P	IN, NS, TX	8C308B	8C307	2N6015			01
8C252C	S	P	IN, TX	8C308C	8C307	2N6015			01
8C253	S	P	IN	8C154	8C206				01
8C253				8C179	8C322				01
8C253				8C309	8C214				01
8C253A	S	P	IN, NS, TX	8C309B	8C309	2N6003			01
8C253B	S	P	IN, NS, TX	8C309B	8C309	2N6003			01
8C253C	S	P	IN, TX	8C309C	8C309	2N6003			01
8C254	S	N	TX	8C147	8C207				01
8C254				8C108	8C107				01
8C254				8C130					01
8C255	S	N	TX	8C147	8C337				01
8C255				8C107	8C108B				01
8C255				8C130					01
8C256	S	P	IN	8CY77		2N4250A			01
8C256A	S	P	IN, TX	8CY77VII	8C307	2N6015			01
8C256B	S	P	IN, TX	8CY77IX	8C307	2N6015			01
8C257	S	P	S	8C177	8C212L	MP96517	2N5486	2SA565	01
8C257				8C307	8C231				01
8C257				8C204	8C251				01
8C257				8C512					01
8C257A	S	P	S	8C212L		2N5086			01
8C257B	S	P	S	8C212L		2N5086			01
8C257VI	S	P	S	8C257A					01
8C258	S	P	S	8C308	8C178	MP96518	2N5088	2SA565	01
8C258				8C205	8C231				01
8C258				8C513	8C252				01
8C258				8C212L					01
8C258A	S	P	S	8C212L		2N5286			01
8C258B	S	P	S	8C212L		2N5086			01
8C258VI	S	P	S	8C258A					01
8C259	S	P	S	8C179	8C206	MP96519	2N5087		01
8C259				8C514	8C253				01
8C259				8C212L	8C309				01
8C259A	S	P	S	8C259B	8C214L	2N5087			01
8C259C	S	P	S	8C214L		2N5087			01
8C260	S	P	IN	8C178	8C213(5P)	2N3964	2N3965		01
8C260				8CY70					01
8C260A	S	P	IN, TX	8C178A	8CY70	2N3965			01
8C260B	S	P	IN, TX	8C178B	8CY71	2N3965			01
8C260C	S	P	IN, TX	8C178C	8CY71	2N3965			01
8C261	S	P	IN	8C204	8C177	2N3964	2N3965		01
8C261				8C212	8C157				01
8C261				8CY71	8C153				01
8C261A	S	P	IN, NS, TX	8C177A	8CY71	2N3965			01
8C261B	S	P	IN, NS, TX	8C177B	8CY71	2N3965			01
8C261C	S	P	IN, TX	8C177B	8CY71	2N3965			01
8C262	S	P	IN	8C205	8C178	2N3964	2N3965		01
8C262				8C204	8C158				01
8C262				8CY71	8C213				01
8C262A	S	P	IN, NS, TX	8C178A	8CY71	2N3965			01
8C262B	S	P	IN, NS, TX	8C178B	8CY71	2N3965			01
8C262C	S	P	IN, TX	8C178C	8CY71	2N3965			01
8C263	S	P	IN	8C214	8C179	2N3964	2N3965		01
8C263				8C206	8C519				01
8C263				8CY71	8C153				01
8C263A	S	P	IN, NS, TX	8C179B	8CY71	2N3965			01
8C263B	S	P	IN, IT, NS, TX	8C179B	8CY71	2N3965			01
8C263C	S	P	IN, TX	8C179C	8CY71	2N3966			01
8C266	S	P	IN	8CY77		2N3967	2N3965		01
8C266A	S	P	IN, TX	8CY77VII	8CY71	2N3965			01
8C266B	S	P	IN, TX	8CY77IX	8CY71	2N3965			01
8C267	S	N	AT	8C337	8FX95		2N2222A		01
8C267				8C207	8C317				01
8C267A	S	N	AT	8C337-16					01
8C267B	S	N	AT	8C337-25					01
8C268	S	N	AT	8FX95	8C208	2N2222A			01
8C268				8C318	8C338				01
8C268A	S	N	AT	8C338-16					01
8C268B	S	N	AT	8C338-25					01
8C268C	S	N	AT	8C338-40					01
8C269	S	N	AT	8C109	8C338-25	2N2222A			01
8C269				8FX95	8C209				01
8C269				8C319					01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BC269B	S	N	AT	BC336-25			01
BC269C	S	N	AT	BC336-40			01
BC270	S	N	AT	BC336	BFX95	S7236	01
BC270A	S	N	AT	BC336-16		2N2222A	01
BC270B	S	N	AT	BC336-25			01
BC270C	S	N	AT	BC336-40			01
BC270-5	S	N	AT	BC336-16			01
BC270-6	S	N	AT	BC336-16			01
BC271	S	N	AT	BC336-16	BFX95	2N2222A	01
BC271	S	N	AT	BC336			01
BC272	S	N	AT	BC337-25	BC337	2N2222	01
BC272	S	N	AT	BFX95		2N2222A	01
BC274	S	P	CO, SE	BC307	BC212		01
BC274A	S	P	CO, SE	BC307A			01
BC274B	S	P	CO, SE	BC367B			01
BC274V	S	P	CO, SE	BC307A			01
BC274VI	S	P	CO, SE	BC307A			01
BC275	S	P	CO, SE	BC308	BC213		01
BC275A	S	P	CO, SE	BC308A			01
BC275B	S	P	CO, SE	BC388B			01
BC275C	S	P	CO, SE	BC308C			01
BC275V	S	P	CO, SE	BC308A			01
BC275VI	S	P	CO, SE	BC308A			01
BC276	S	P	CO, SE	BC309	BC213C		01
BC276A	S	P	CO, SE	BC309B			01
BC276B	S	P	CO, SE	BC309B			01
BC276C	S	P	CO, SE	BC309C			01
BC277	S	N	CO, SE	BC237	BC182		01
BC277A	S	N	CO, SE	BC237A			01
BC277B	S	N	CO, SE	BC237B			01
BC278	S	N	CO, SE	BC238	BC183		01
BC278A	S	N	CO, SE	BC238A			01
BC278B	S	N	CO, SE	BC238B			01
BC278C	S	N	CO, SE	BC238C			01
BC279	S	N	CO, SE	BC239	BC183C		01
BC279B	S	N	CO, SE	BC239B			01
BC279C	S	N	CO, SE	BC239C			01
BC280	S	N	SG, AT	BC414B	BC182	2N930	01
BC280A	S	N	SG, AT	BC109			01
BC280B	S	N	SG, AT	BC414B			01
BC280C	S	N	SG, AT	BC414B			01
BC281	S	P	SG, AT	BC416A	BC212	2N3964	01
BC281	S	P	SG, AT	BCY70		2N3965	01
BC281B	S	P	SG, AT	BC416B			01
BC282	S	N	SG, AT	BCX73-16	BCW73-16	2N2222A	01
BC282	S	N	SG, AT	BFX95			01
BC283	S	P	SG, AT	BCX75-16	BCW75-16	2N2906	01
BC283	S	P	SG, AT	BSW24	BC213		01
BC284	S	N	SG, AT	BC737	BC182	2N915	01
BC284	S	N	SG, AT	BFX95			01
BC284A	S	N	SG, AT	BC237A			01
BC284B	S	N	SG, AT	BC237B			01
BC285	S	N	SG, AT	(BF457)		2N3114	01
BC286	S	N	SG, AT, F	BC141-10	BC141-16	2N2302	01
BC286	S	N	SG, AT	BFY50		2N1990R	01
BC287	S	P	SG, F, AT	BC161-10	BC143	2N4037	01
BC288	S	N	AT, SG	(B5X63-10)	BFX34	2N2297	01
BC288	S	N	AT, SG	BFY51			01
BC289	S	N	SG, AT	BC237	BC107		01
BC289A	S	N	SG, AT	BC237A			01
BC289B	S	N	SG, AT	BC237B			01
BC290	S	N	AT, SG	BC414			01
BC290A	S	N	SG, AT	BC414B			01
BC290B	S	N	SG, AT	BC414B			01
BC290C	S	N	SG, AT	BC414C			01
BC291	S	P	SG, AT	BC307A			01
BC291A	S	P	SG, AT	BC307A			01
BC291D	S	P	SG, AT	BC307A			01
BC292	S	P	SG, AT	BC416			01
BC292A	S	P	SG, AT	BC416A			01
BC292B	S	P	SG, AT	BC416B			01
BC293	S	N	SG, AT	(B5X63-10)		2N2297	01
BC294	S	P	SG, AT	BC161-16	BFY51	2N2905A	01
BC295	S	N	SG, AT	BC237A	BFX30		01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
BC297	S	P	AT	BC327		2N2907A	01	
BC297-6	S	P	AT	BC327-16			01	
BC297-7	S	P	AT	BC327-16			01	
BC298	S	P	AT	BC328			01	
BC298-6	S	P	AT	BC328-16			01	
BC298-7	S	P	AT	BC328-16			01	
BC298-8	S	P	AT	BC328-25			01	
BC300	S	N	AT	85X47	2N1893	2N3019	01	
BC300-4	S	N	AT	85X47-6			01	
BC300-5	S	N	AT	85X47-10			01	
BC300-6	S	N	AT	85X47-10			01	
BC301	S	N	AT, SG, TX	85X46	BC300	2N699	2N1893	01
BC301	S	N	AT	BC286	BC141-6			01
BC301-4	S	N	AT	85X46-6				01
BC301-5	S	N	AT	85X46-10				01
BC301-6	S	N	AT	85X46-16				01
BC302	S	N	AT, SG, TX	85X45	BC140-6	2N2270	2N3109	01
BC302	S	N	AT	8FV50		2N2297		01
BC302-4	S	N	AT	85X45-6				01
BC302-5	S	N	AT	85X45-10				01
BC302-6	S	N	AT	85X45-16				01
BC303	S	P	AT, SG, TX	BSV17	BC287	2N4314	2N4036	01
BC303	S	P	AT	BC143		2N4037		01
BC303-4	S	P	AT	BSV17-6				01
BC303-5	S	P	AT	BSV17-10				01
BC303-6	S	P	AT	BSV17-10				01
BC304	S	P	AT	BSV16	BC143	2N4037		01
BC304	S	P	AT	BC287	BC160-6			01
BC304-4	S	P	AT	BSV16-6				01
BC304-5	S	P	AT	BSV16-10				01
BC304-6	S	P	AT	BSV16-16				01
BC307	S	P	IN, S, TF, V	BC204	BC157	MP86517	2N6015	01
BC307	S	P	IN	BC177	BC320			01
BC307	S	P	IN	BC212	BC512			01
BC307	S	P	IN	BC251	BC557			01
BC307A	S	P	IN, S, TF, V	BC307		2N6015		01
BC307B	S	P	IN, S, TF, V	BC307		2N6015		01
BC307C	S	P	IN	BC307B	BC309	2N6003		01
BC307V1	S	P	TF, V, SG, S, SE	BC177V1	BC307A			01
BC308	S	P	IN, S, TF, V, PH	BC205	BC558	MP86518	2N6015	01
BC308	S	P	IN	BC178	BC321			01
BC308	S	P	IN	BC158	BC213			01
BC308	S	P	IN	BC513	BC252			01
BC308	S	P	IN	BC307				01
BC308A	S	P	IN, S, TF, V, PH	BC178A	BC307	2N6015		01
BC308A	S	P	IN, S, TF, V, PH	BC558A	BC158A			01
BC308B	S	P	IN, S, TF, V, PH	BC178B	BC307	2N6015		01
BC308B	S	P	IN	BC558B	BC158B			01
BC308C	S	P	IN, S	BC307		2N6015		01
BC308V1	S	P	TF, V, SG, S, SE	BC308A	BC178V1			01
BC309	S	P	IN, S, TF, V, PH	BC206	BC559	MP86519	2N6003	01
BC309	S	P	IN	BC179	BC322			01
BC309	S	P	IN	BC159	BC214			01
BC309	S	P	IN	BC178	BC253			01
BC309	S	P	IN	BC514				01
BC309A	S	P	IN, S, TF, V, PH	BC179A	BC309	2N6003		01
BC309A	S	P	IN	BC559A	BC159A			01
BC309B	S	P	IN, S, TF, V, PH	BC179B	BC309	2N6003		01
BC309B	S	P	IN	BC559B	BC159B			01
BC309C	S	P	IN, S	BC309		2N6003		01
BC310	S	N	SG, AT	85X47-6	BC286	2N1893	2N2297	01
BC310	S	N	SG, AT	8FV50				01
BC311	S	P	SG, AT	BSV17-6	BC287	2N4314	2N4037	01
BC311	S	P	SG, AT	BC143				01
BC312	S	N	SG, AT	(8F457)	BC300	2N1893		01
BC313	S	P	SE, Ss, ML	BC161	BC143	2N4037		01
BC313A	S	P	SE	BC161-6	BC143	2N4037		01
BC313A-6	S	P	SE	BSV17-6				01
BC313A-10	S	P	SE	BSV17-10				01
BC313A-16	S	P	SE	BSV17-10				01
BC313B	S	P	SE	BC161-6				01
BC313C	S	P	SE	BC161-10				01
BC313D	S	P	SE	BC161-16				01
BC313E	S	P	SE	BC161-16				01
BC313-6	S	P	SE	BC161-6				01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BC313-10	S	P	SE	BC168-10			01
BC313-15	S	P	SE	BC167-16			01
BC314	S	N	SG, AT	(BF487)	BC394	2N4390	01
BC315	S	P	TX	BC415	BC415A	2N5087	01
BC315	S			BC308		2N8003	01
BC315A	S	P	TX	BC415A			01
BC315B	S	P	TX	BC415B			01
BC317	S	N	MO, F	BC237	BC167	2N5209	01
BC317	S			BC347A		2N3903	01
BC317A	S	N	MO, F	BC237A	BC167	2N5209	01
BC317B	S	N	MO, F	BC237B	BC167	2N5209	01
BC318	S	N	MO, F	BC237	BC167	2N5209	01
BC318A	S	N	MO, F	BC237A	BC167	2N5209	01
BC318B	S	N	MO, F	BC237B	BC167	2N5209	01
BC318C	S	N	MO, F	BC237B	BC169	2N5210	01
BC319	S	N	MO, F	BC238	BC169	2N5210	01
BC319B	S	N	MO, F	BC239B	BC169	2N5210	01
BC319C	S	N	MO, F	BC239C	BC169	2N5210	01
BC320	S	P	MO, F	BC307	BC327	P1119E	01
BC320A	S	P	MO, F	BC307A	BC327	2N5086	01
BC320A	S			BC320			01
BC320B	S	P	MO, F	BC307B	BC327	2N5086	01
BC320B	S			BC320			01
BC321	S	P	MO, F	BC307	BC320	2N5086	01
BC321A	S	P	MO, F	BC307A	BC320	2N5086	01
BC321B	S	P	MO, F	BC307B	BC320	2N5086	01
BC322	S	P	MO, F	BC309			01
BC322B	S	P	MO, F	BC322	BC309B	2N5087	01
BC322C	S	P	MO, F	BC322	BC309C	2N5087	01
BC323	S	N	AT, SG, F	1B5X63-101	BFY50	2N5320	01
BC324	S	N	SG, AT	BC141-6	BFY50	2N5320	01
BC325	S	P	TX	RC416A	BCY71	2N3965	01
BC326	S	P	TX	BC418B	BCY71	2N3965	01
BC327	S	P	IN, S, TF, V			2N5819	01
BC327-16	S	P	IN, S, TF, V	BC327		2N5819	01
BC327-25	S	P	IN, S, TF, V	BC327		2N5819	01
BC327-40	S	P	IN, S, TF, V	BC327		2N5819	01
BC328	S	P	IN, S, TF, V	BC327		2N5819	01
BC328-16	S	P	IN, S, TF, V	BC327		2N5819	01
BC328-25	S	P	IN, S, TF, V	BC327		2N5819	01
BC328-40	S	P	IN, S, TF, V	BC327		2N5819	01
BC329	S	N	TX	(BC414)		2N5210	01
BC329B	S	N	TX	(BC414B)	BC329	2N5827	01
BC329C	S	N	TX	(BC414C)	BC329	2N5827	01
BC330	S	N	TX	BC414			01
BC330B	S	N	TX	BC414B	BC239	2N5827	01
BC330C	S	N	TX	BC414C	BC239	2N5827	01
BC331	S	N	TX	BCY65E			01
BC331A	S	N	TX	BCY65EVII	BC237	2N5825	01
BC331B	S	N	TX	BCY65EIX	BC237	2N5825	01
BC331C	S	N	TX	BCY65EIX	BC237	2N5825	01
BC332	S	N	TX	BCY59			01
BC332A	S	N	TX	BCY59VII	BC237	2N5825	01
BC332B	S	N	TX	BCY59IX	BC237	2N5825	01
BC332C	S	N	TX	BCY59X	BC237	2N5825	01
BC333	S	N	MO	BC238			01
BC334	S	P	MO	BC308	BC320	2N5086	01
BC335	S	N	MO	BC239			01
BC336	S	P	MO	BC309	BC322	2N5087	01
BC337	S	N	IN, S, TF, V	BC273		2N2222A	01
BC337-16	S	N	IN, S, TF, V	BC337		2N5818	01
BC337-25	S	N	IN, S, TF, V	BC337		2N5818	01
BC337-40	S	N	IN, S, TF, V	BC337		2N5818	01
BC338	S	N	IN, S, TF, V	BC337		2N5818	01
BC338-18	S	N	IN, S, TF, V	BC337		2N5818	01
BC338-25	S	N	IN, S, TF, V	BC337		2N5818	01
BC338-40	S	N	IN, S, TF, V	BC337		2N5818	01
BC340	S	N	IN	BC140	BFY50		01
BC340-6	S	N	IN	BC140-6	BFY50	2N2297	01
BC340-10	S	N	IN	BC140-10	BFY50	2N2297	01
BC340-16	S	N	IN	BC140-16	BFY50	2N2297	01
BC341	S	N	IN	BC141	BFY50	2N3107	01
BC341	S					2N2297	01
BC341-6	S	N	IN	BC141-6	BFY50	2N2297	01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BC341-10	s	N	IN	BC141-10	BFY50	2N2297			01
BC342	s	N	MO	BC141-6	BFY50	2N2297			01
BC343	s	P	MO	BC161-6	BC143	2N4037			01
BC344	s	N	MO	BSX47-6	BFY50	2N2297			01
BC345	s	P	MO	BSV17-6	BC143	2N4037			01
BC347	s	N	MO	BC237	BC167	2N5209			01
BC347A	s	N	MO	BC237A		2N3808			01
BC347B	s	N	MO	BC237B	BC347A	2N3903			01
BC347L	s	N	MO	BC237A	BC167	2N5209			01
BC348	s	N	MO	BC237	BC167	2N5209	2N5558		01
BC348A	s	N	MO	BC237A	BC167	2N5209			01
BC348B	s	N	MO	BC237B	BC169	2N5210			01
BC348L	s	N	MO	BC237A	BC169	2N5209			01
BC349	s	N	MO	BC238	BC169	2N5210			01
BC349A	s	N	MO	BC238A	BC169	2N5210			01
BC349B	s	N	MO	BC238B	BC169	2N5210			01
BC349L	s	N	MO	BC238A	BC169	2N5210			01
BC350	s	P	MO	BC307	BC320	2N5086			01
BC350A	s	P	MO	BC307A	BC320	2N5086			01
BC350B	s	P	MO	BC307B	BC322	2N5087			01
BC350L	s	P	MO	BC307A	BC320	2N5086			01
BC351	s	P	MO	BC307	BC320	2N5086			01
BC351A	s	P	MO	BC307A	BC320	2N5086			01
BC351B	s	P	MO	BC307B	BC322	2N5087			01
BC351L	s	P	MO	BC307A	BC320	2N5086			01
BC352	s	P	MO	BC308	BC322	2N5087			01
BC352A	s	P	MO	BC308A	BC320	2N5086			01
BC352B	s	P	MO	BC308B	BC322	2N5087			01
BC352L	s	P	MO	BC308A	BC322	2N5087			01
BC354	s	P	MO	BC308	BC320	2N5086			01
BC355	s	P	MO	BC308	BC320	2N5086			01
BC355A	s	P	MO	BC308A	BC320	2N5086			01
BC355B	s	P	MO	BC308A	BC320	2N5086			01
BC355C	s	P	MO	BC308B	BC322	2N5087			01
BC357	s	P	MO	BC308B	BC320	2N5086			01
BC358	s	N	MO	BC308B					01
BC360	s	P	IN	BC180	BFX29	2N5022	2N5023		01
BC360-6	s	P	IN	BC160-6	BFX29	2N1132	2N2905A-		01
BC360-10	s	P	IN	BC160-10	BFX29	2N2905A			01
BC360-16	s	P	IN	BC160-16	BFX29	2N2905A			01
BC361	s	P	IN	BC161	BC157	2N4030	2N4031		01
BC361	s	P	IN	BFX29		2N2905A			01
BC361-6	s	P	IN	BC181-6	BFX29	2N2905A			01
BC361-10	s	P	IN	BC161-10	BFX29	2N2905A			01
BC362	s	P	MO	(B0136-10)	BD140	2N4920			01
BC363	s	P	MO	(B0138-10)	BD140	2N4920			01
BC364	s	P	MO	(B0140-10)	BD140	2N4940			01
BC365	s	N	MO	(B0135-10)	BD169	2N4923			01
BC366	s	N	MO	(B0137-10)	BD169	2N4923			01
BC367	s	N	MO	(B0139-10)	BD169	2N4923			01
BC370	s	P	AT	BC328					01
BC370A	s	P	AT	BC328-25					01
BC370B	s	P	AT	BC328-40					01
BC370-6	s	P	AT	BC328-16					01
BC370-7	s	P	AT	BC328-16					01
BC371	s	N	AT	BC140	BFY51	2N2297			01
BC377	s	N	AT	BC337	BSW64	2N2222A			01
BC377-6	s	N	AT	BC337-16					01
BC377-7	s	N	AT	BC337-25					01
BC377-8	s	N	AT	BC337-40					01
BC378	s	N	AT	BC338	BSX33	2N731			01
BC378-6	s	N	AT	BC338-16					01
BC378-7	s	N	AT	BC338-25					01
BC378-8	s	N	AT	BC338-40					01
BC381	s	P	TX	BCX59	BCY59	2N6015			01
BC381	s	P	TX	BC307					01
BC382	s	N	TX	BC414	BC237	2N5825			01
BC382B	s	N	TX	BC414B	BC238	2N5827			01
BC382C	s	N	TX	BC414C	BC239	2N5827			01
BC383	s	N	TX	BC337	BC413	2N5825			01
BC383	s	N	TX	BC237	BC413B				01
BC383	s	N	TX	BCY13C					01
BC383B	s	N	TX	BC413B	BC239	2N5827			01
BC383C	s	N	TX	BC413C	BC239	2N5827			01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BC384	S	N	TX	BC4138	BC4138	2N5827	01
BC384	S	N	TX	BC239			01
BC384B	S	N	TX	BC4138	BC239	2N5827	01
BC384C	S	N	TX	BC414C	BC239	2N5827	01
BC385	S	N	TX	BC237		2N5826	01
BC385A	S	N	TX	BC237A			01
BC385B	S	N	TX	BC237B			01
BC386	S	N	TX	BC238	BC385	2N5826	01
BC386	S	N	TX	BC237			01
BC386A	S	N	TX	BC238A			01
BC388	S	N	TX	BC238B			01
BC387	S	N	MO	BC140		2N4401	01
BC388	S	P	MO	BC180		2N4403	01
BC389	S	N	AT	BC107B	BC109	2N930	01
BC390	S	N	AT	BC180B	BC109	2N930	01
BC391	S	N	AT	BC108C	BC109	2N930	01
BC393	S	P	AT			2N4357	01
BC394	S	N	SG, AT	(BF45B)	BF337	2N4927	01
BC395	S	N	SG, AT	BSX47	BSV66	2N4001	01
BC396	S	P	SG, AT	BSV17-6		2N4929	01
BC400	S	P	AT	BSV8a		2N3497	01
BC404	S	P	SG, AT	(BCY77VII)			01
BC404A	S	P	SG, AT	(BSY77VIII)			01
BC404VI	S	P	SG, AT	(BCY77VIII)			01
BC405	S	P	SG, AT	BCY77VII			01
BC405A	S	P	SG, AT	BCY77VII			01
BC405B	S	P	SG, AT	BCY77VIII			01
BC406	S	P	SG, AT	(BC48B)			01
BC406B	S	P	SG, AT	(BC48B)			01
BC407	S	N	PH, RA, AM, V	BC147	BC237	2N4966	01
BC407	S	N	PH, RA, V	BC107	BC207		01
BC407	S	N	PH, RA, V	BC547			01
BC407A	S	N	PH, RA, V	BC147A	BC237A	2N4966	01
BC407A	S	N	PH, RA, V	BC107A	BC207		01
BC407A	S	N	PH, RA, V	BC547A			01
BC407B	S	N	PH, RA, V	BC147B	BC237B	2N4966	01
BC407B	S	N	PH, RA, V	BC107B	BC207		01
BC407B	S	N	PH, RA, V	BC547B			01
BC408	S	N	PH, RA, AM, V	BC148	BC238	2N4966	01
BC408	S	N	PH, RA, AM, V	BC108	BC207		01
BC408	S	N	PH, RA, V	BC548			01
BC408A	S	N	PH, RA, V	BC148A	BC238A	2N4966	01
BC408A	S	N	PH, RA, V	BC108A	BC207		01
BC408A	S	N	PH, RA, V	BC548A			01
BC408B	S	N	PH, RA, V	BC148B	BC238B	2N4966	01
BC408B	S	N	PH, RA, V	BC108B	BC207		01
BC408B	S	N	PH, RA, V	BC548B			01
BC408C	S	N	PH, RA, V	BC148C	BC238C	2N4966	01
BC408C	S	N	PH, RA, V	BC108C	BC207		01
BC408C	S	N	PH, RA, V	BC548C			01
BC409	S	N	PH, RA, AM, V	BC149	BC239	2N4967	01
BC409	S	N	PH, RA, AM, V	BC109	BC209		01
BC409	S	N	PH, RA, AM, V	BC549			01
BC409B	S	N	PH, RA, V	BC149B	BC239B	2N4967	01
BC409B	S	N	PH, RA, V	BC109B	BC209		01
BC409B	S	N	PH, RA, V	BC549B			01
BC409C	S	N	PH, RA, V	BC149C	BC239C	2N4967	01
BC409C	S	N	PH, RA, V	BC109C	BC209		01
BC409C	S	N	PH, RA, V	BC549C			01
BC410	S	N	SG, AT	BC238C			01
BC411	S	N	SG, AT	BC141-6			01
BC412	S	N	SG, AT	BCX74-16	BCW74-16		01
BC413	S	N	N, S, TF, V	BC239		2N5827	01
BC413B	S	N	N, S, TF, V	BC239		2N5827	01
BC413C	S	N	N, S, TF, V	BC239		2N5827	01
BC414	S	N	N, S, TF, V	BC239		2N5827	01
BC414B	S	N	N, S, TF, V	BC239		2N5827	01
BC414C	S	N	N, S, TF, V	BC239		2N5827	01
BC415	S	P	N, S, TF, V	BC367		2N6015	01
BC415A	S	P	N, S, TF, V	BC367		2N6015	01
BC415B	S	P	N, S, TF, V	BC307		2N6015	01
BC415C	S	P	N, S, TF, V	BC309		2N6003	01
BC415	S	P	N, S, TF, V	BC309		2N6003	01
BC416A	S	P	N, S, TF, V	BC307		2N6015	01
BC416B	S	P	N, S, TF, V	BC307		2N6015	01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAM		JAPANESE	USE
BC418C	S	P	IN, S, TF, V	BC308		2N6003			01
BC417	S	P	RA, AM, V	BC307	BC204	2N4249			01
BC417A	S	P	RA, V	BC307A					01
BC417VI	S	P	RA, V	BC307A					01
BC418	S	P	RA, AM, V	BC308	BC204	2N4249			01
BC418A	S	P	RA, V	BC308A	BC204	2N4249			01
BC418B	S	P	RA, AM, V	BC308B	BC206	2N4250			01
BC418VI	S	P	RA, V	BC308A					01
BC419	S	P	RA, AM, V	BC309	BC204	2N4249			01
BC419A	S	P	RA, V	BC309A	BC204	2N4249			01
BC419B	S	P	RA, V	BC309B	BC206	2N4240			01
BC420	S	P	AT			2N4357			01
BC424	S	N	MO	(8SX47)					01
BC425	S	N	MO	(8SX46)					01
BC426	S	P	MO	(8SV17)					01
BC427	S	P	MO	(8SV16)					01
BC429	S	N	TX	8D135-10	8D169	2N2270	2N4923		01
BC429A	S	N	TX	8D137-10	8D169	2N4923			01
BC430	S	P	TX	8D136-10	8D140	40357	2N4920		01
BC430A	S	P	TX	8D138-10	8D140	2N4920			01
BC431	S	N	TF	(8C141-10)					01
BC432	S	N	TF	(8C161-10)					01
BC437	S	N	HI	8C237					01
BC437A	S	N	HI	8C237A					01
BC437B	S	N	HI	8C237B					01
BC438	S	N	HI	8C238					01
BC438A	S	N	HI	8C238A					01
BC438B	S	N	HI	8C238B					01
BC438C	S	N	HI	8C238C					01
BC439	S	N	HI	8C239					01
BC439B	S	N	HI	8C239B					01
BC439C	S	N	HI	8C239C					01
BC440	S	N	AT, SG	8C140	8FY51	2N5321	2N2297		01
BC440-4	S	N	AT	8C140-6					01
BC440-5	S	N	AT	8C140-10					01
BC440-6	S	N	AT	8C140-16					01
BC441	S	N	AT	8C141	8SS42	2N5320			01
BC441-4	S	N	AT	8C141-6					01
BC441-5	S	N	AT	8C141-10					01
BC441-6	S	N	AT	8C141-16					01
BC460	S	P	AT	8C160	8SS18	2N5323			01
BC469-4	S	P	AT	8C160-6					01
BC460-5	S	P	AT	8C160-10					01
BC460-6	S	P	AT	8C160-16					01
BC461	S	P	AT, SG	8C161		2N5322	2N4928		01
BC461-4	S	P	AT	8C161-6					01
BC461-5	S	P	AT	8C161-10					01
BC461-6	S	P	AT	8C161-16					01
BC467	S	N	HI	8C167					01
BC467A	S	N	HI	8C167A					01
BC467B	S	N	HI	8C167B					01
BC468	S	N	HI	8C168		2N5322			01
BC468A	S	N	HI	8C168A					01
BC468B	S	N	HI	8C168B					01
BC468C	S	N	HI	8C168C					01
BC469	S	N	HI	8C169					01
BC469B	S	N	HI	8C169B					01
BC469C	S	N	HI	8C169C					01
BC477	S	P	AT, SG	8CY77VII		2N1990R			01
BC477A	S	P	AT, SG	8CY77VII					01
BC477VI	S	P	AT, SG	8CY77VII					01
BC478	S	P	AT, SG	8CY79	8CY71	2N3965			01
BC478A	S	P	AT, SG	8CY79VII					01
BC478B	S	P	AT, SG	8CY79IX					01
BC479	S	P	AT, SG	8C416B	8CY71	2N3966			01
BC479B	S	P	AT, SG	8C416B					01
BC507	S	N	SG, AT	8C182					01
BC507A	S	N	SG, AT	8C182A					01
BC507B	S	N	SG, AT	8C182B					01
BC507FA	S	N	SG, AT	8C182A					01
BC507F8	S	N	SG, AT	8C182B					01
BC508	S	N	SG, AT	8C182					01
BC508A	S	N	SG, AT	8C182A					01
BC508B	S	N	SG, AT	8C182B					01
BC508C	S	N	SG, AT	8C182B					01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
8C508FA	S	N	SG, AT	BC182A			01
8C508FB	S	N	SG, AT	BC182B			01
8C508FC	S	N	SG, AT	BC182B			01
8C509	S	N	SG, AT	BC444			01
8C509B	S	N	SG, AT	BC414B			01
8C509C	S	N	SG, AT	BC414C			01
8C509FB	S	N	SG, AT	BC414B			01
8C509FC	S	N	SG, AT	BC414C			01
8C510	S	N	SG, AT	BC413			01
8C510B	S	N	SG, AT	BC413B			01
8C510C	S	N	SG, AT	BC413C			01
8C510FB	S	N	SG, AT	BC413B			01
8C510FC	S	N	SG, AT	BC413C			01
8C512	S	P	TX	8C307	2N6015		01
8C512A	S	P	TX	8C307A	2N6015		01
8C512B	S	P	TX	8C307B	8C309	2N6003	01
8C513	S	P	TX	8C308	8C307	2N6015	01
8C513A	S	P	TX	8C308A	8C307	2N6015	01
8C513B	S	P	TX	8C308B	8C309	2N6003	01
8C513C	S	P	TX	8C308C	8C309	2N6003	01
8C514	S	P	TX	8C309	8C307	2N6015	01
8C514A	S	P	TX	8C308B	8C307	2N6015	01
8C514B	S	P	TX	8C308B	8C309	2N6003	01
8C514C	S	P	TX	8C308C	8C309	2N6003	01
8C520	S	N	F	(8C414C)			01
8C520B	S	N	F	(8C414B)			01
8C520C	S	N	F	(8C414C)			01
8C521	S	N	F	(8C414C)			01
8C521C	S	N	F	(8C414C)			01
8C521D	S	N	F	(8C414C)			01
8C522	S	N	F	(8C413C)			01
8C522C	S	N	F	(8C413C)			01
8C522D	S	N	F	(8C413C)			01
8C522E	S	N	F	(8C413C)			01
8C523	S	N	F	8C414B			01
8C523B	S	N	F	8C414B			01
8C523C	S	N	F	8C414C			01
8C526	S	P	F	8C242			01
8C526A	S	P	F	8C242A			01
8C526B	S	P	F	(8C416B)			01
8C526C	S	P	F	(8C416)			01
8C527	S	P	F	(8SV16)			01
8C527-6	S	P	F	(8SV16-6)			01
8C527-10	S	P	F	(8SV16-10)			01
8C527-16	S	P	F	(8SV16-16)			01
8C527-26	S	P	F	(8SV16-16)			01
8C528	S	P	F	(8SV17)			01
8C528-6	S	P	F	(8SV17-6)			01
8C528-10	S	P	F	(8SV17-10)			01
8C528-16	S	P	F	(8SV17-10)			01
8C528-25	S	P	F	(8SV17-10)			01
8C532	S	N	F	(8F457)			01
8C533	S	N	F	(8F468)			01
8C534	S	P	F	(8SV17-10)			01
8C535	S	N	F	(8SX47-10)			01
8C537	S	N	F	(8SX46)			01
8C537-6	S	P	F	(8SX46-6)			01
8C537-10	S	P	F	(8XV46-10)			01
8C537-16	S	N	F	(8SX46-16)			01
8C537-26	S	N	F	(8SX46-16)			01
8C538	S	N	F	(8SX47)			01
8C538-6	S	N	F	(8SX47-6)			01
8C538-10	S	N	F	(8SX47-10)			01
8C538-16	S	N	F	(8SX47-10)			01
8C538-25	S	N	F	(8SX47-10)			01
8C547	S	N	MU, PH, S, V	8C1D7	8C338	2N5818	01
8C547	S	N	PH	8C4D7	8C147		01
8C547A	S	N	PH	8C4D7A	8C147A		01
8C547A	S	N	PH	8C1D7A			01
8C547B	S	N	PH	8C4D7B	8C147B		01
8C547B	S	N	PH	8C1D7B			01
8C548	S	N	MU, PH, S, V	8C1D8	8C338	2N5818	01
8C548	S	N	PH	8C1D8	8C148		01
8C548A	S	N	PH	8C4D8A	8C148A		01
8C548A	S	N	PH	8C1D8A			01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BC548B	S	N	PH	BC408B	BC148B		01
BC548B				BC108B			01
BC548C	S	N	PH	BC408C	BC148C		01
BC548C				BC108C			01
BC549	S	N	MU, PH, S, V	BC109	BC338	2N5818	01
BC549				BC409	BC149		01
BC549B	S	N	PH	BC409B	BC149B		01
BC549B				BC109B			01
BC549C	S	N	PH	BC409C	BC149C		01
BC549C				BC109C			01
BC557	S	P	MU, PH, S, V	BC307	BC157	2N6015	01
BC557				BC177			01
BC558	S	P	MU, PH, S, V	BC178	BC307	2N6015	01
BC558				BC308	BC158		01
BC558A	S	P	PH	BC308A	BC158A		01
BC558A				BC178A			01
BC558B	S	P	PH	BC308B	BC158B		01
BC558B				BC178B			01
BC558V1	S	P	MU, PH, V, S	BC558A			01
BC559	S	P	MU, PH, V, S	BC309	BC159	2N6003	01
BC559				BC179			01
BC559A	S	P	PH	BC159A	BC179A		01
BC559A				BC309A			01
BC559B	S	P	PH	BC159B	BC179A		01
BC559B				BC309A			01
BC582	S	N	TX	BC237			01
BC582A	S	N	TX	BC237A	BC237	2N5825	01
BC582B	S	N	TX	BC237B	BC239	2N5827	01
BC583	S	N	TX	BC238			01
BC583A	S	N	TX	BC238A	BC237	2N5825	01
BC583B	S	N	TX	BC238B	BC239	2N5827	01
BC583C	S	N	TX	BC238C	BC239	2N5827	01
BC584	S	N	TX	BC239			01
BC584B	S	N	TX	BC239B		2N5827	01
BC584C	S	N	TX	BC239C		2N5827	01
BC612	S	P	TX	(BCY77V11)			01
BC682	S	N	TX	(BCY65EV11)			01
BC727	S	P	F	BC327			01
BC727-10	S	P	F	BC327-16			01
BC727-16	S	P	F	BC327-16			01
BC727-25	S	P	F	BC327-25			01
BC727-40	S	P	F	BC327-40			01
BC728	S	P	F	BC328			01
BC728-10	S	P	F	BC328-16			01
BC728-16	S	P	F	BC328-16			01
BC728-25	S	P	F	BC328-25			01
BC728-40	S	P	F	BC328-40			01
BC737	S	N	F	BC337			01
BC737-10	S	N	F	BC337-16			01
BC737-16	S	N	F	BC337-16			01
BC737-25	S	N	F	BC337-25			01
BC737-40	S	N	F	BC337-40			01
BC738	S	N	F	BC338			01
BC738-10	S	N	F	BC338-6			01
BC738-16	S	N	F	BC338-16			01
BC738-25	S	N	F	BC338-25			01
BC738-40	S	N	F	BC338-40			01
BCW10	S	N	FE	BC338-16	BC387	2N4401	01
BCW10K	S	N	FE	BC338-16			01
BCW10L	S	N	FE	BC338-16			01
BCW10M	S	N	FE	BC338-16			01
BCW11	S	P	FE	BC328-16			01
BCW11K	S	P	FE	BC328-16			01
BCW11L	S	P	FE	BC328-16			01
BCW11M	S	P	FE	BC328-16			01
BCW12	S	N	FE	BC337-16	BC387	2N4401	01
BCW12K	S	N	FE	BC337-16			01
BCW12L	S	N	FE	BC337-16			01
BCW12M	S	N	FE	BC337-16			01
BCW13	S	P	FE	BC327-16			01
BCW13K	S	P	FE	BC327-16			01
BCW13L	S	P	FE	BC327-16			01
BCW13M	S	P	FE	BC327-16			01
BCW14	S	N	FE	BC337-16	BC387	2N4401	01
BCW14K	S	N	FE	BC337-16			01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BCW14L	S	N	FE	BC337-16			01
BCW14M	S	N	FE	BC337-16			01
BCW15	S	P	FE	BC327-16			01
BCW15K	S	P	FE	BC327-16			01
BCW15L	S	P	FE	BC327-16			01
BCW15M	S	P	FE	BC327-16			01
BCW16	S	N	FE	BC337-16	BC387	2N4401	01
BCW16K	S	N	FE	BC337-16			01
BCW16L	S	N	FE	BC337-16			01
BCW16M	S	N	FE	BC337-16			01
BCW17	S	P	FE	BC327-16			01
BCW17K	S	P	FE	BC327-16			01
BCW17L	S	P	FE	BC327-16			01
BCW17M	S	P	FE	BC327-16			01
BCW18	S	N	FE	(BC337-16)	BC387	2N4401	01
BCW18K	S	N	FE	(BC337-16)			01
BCW18L	S	N	FE	(BC337-16)			01
BCW18M	S	N	FE	(BC337-16)			01
BCW19	S	P	FE	(BC327-16)			01
BCW19K	S	P	FE	(BC327-16)			01
BCW19L	S	P	FE	(BC327-16)			01
BCW19M	S	P	FE	(BC327-16)			01
BCW20	S	N	FE	BC337-40	BC349C	2N3904	01
BCW20K	S	N	FE	BC337-40			01
BCW20L	S	N	FE	HC337-40			01
BCW20M	S	N	FE	BC337-40			01
BCW21	S	P	FE	BC327-40	BC309	2N6003	01
BCW21K	S	P	FE	BC327-40			01
BCW21L	S	P	FE	BC327-40			01
BCW21M	S	P	FE	BC327-40			01
BCW22	S	N	FE	BC337-40	BC349C	2N3904	01
BCW22K	S	N	FE	BC337-40			01
BCW22L	S	N	FE	BC337-40			01
BCW22M	S	N	FE	BC337-40			01
BCW23	S	P	FE	BC327-40	BC309	2N6003	01
BCW23K	S	P	FE	BC327-40			01
BCW23L	S	P	FE	BC327-40			01
BCW23M	S	P	FE	BC327-40			01
BCW24	S	N	FE, 1N	BC4148	BC109	2N930	01
BCW29	S	P	PH, V, RA	BCW618A	BF537		01
BCW29R	S	P	MU	BF537			01
BCW30	S	P	PH, V, RA	BCW618C	BF537		01
BCW30R	S	P	MU	BF537			01
BCW31	S	N	PH, V	BF536			01
BCW31R	S	N	MU	BF536			01
BCW32	S	N	PH, V, RA	BCW80AC	BF536		01
BCW32R	S	N	MU	BF536			01
BCW33	S	N	PH, V, RA	BCW80AD	BF536		01
BCW33R	S	N	MU	BF536			01
BCW34	S	N	TX	(BC337-16)	BFX95	2N2222A	01
BCW35	S	P	TX	(BC327-16)	BSW24	2N2907A	01
BCW36	S	N	TX	(BC337-16)	BSX95	2N2222A	01
BCW37	S	P	TX	(BC327-16)	BSW24	2N2907A	01
BCW38	S	N	TX	(BC337-16)			01
BCW39	S	N	TX	(BC337-16)			01
BCW44	S	N	SG, AT	BC141	BFX85	40380	01
BCW45	S	P	SG, AT	BC161		2N1893	01
BCW46	S	N	PH, V, RA	BCY95E		40362	01
BCW46A	S	N	PH, V, RA	BCY85EVH		SE4020	01
BCW46B	S	N	PH, V, RA	BCY85E1X			01
BCW47	S	N	PH, V, RA	BC237	BC207		01
BCW47A	S	N	PH, V, RA	BC317			01
BCW47B	S	N	PH, V, RA	BC237A			01
BCW46	S	N	PH, V, RA	BC237B	BC208		01
BCW48				BC318			01
BCW48A	S	N	PH, V, RA	BC238A			01
BCW48B	S	N	PH, V, RA	BC238B			01
BCW48C	S	N	PH, V, RA	BC238C			01
BCW49	S	N	PH, V, RA	BC239	BC209		01
BCW49				BC319			01
BCW49B	S	N	PH, V, RA	BC239B			01
BCW49C	S	N	PH, V, RA	BC239C			01
BCW50	S	N	SG, AT	(BF457)	BC285	2N1990R	01
BCW51	S	N	TX	BC162B			01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BCW51A	S	N	TX	BC182B			01
BCW51B	S	N	TX	BC182B			01
BCW52	S	P	TX	BC212B			01
BCW54	S	N	IN, IT	BCY65EVI			01
BCW55	S	N	IN, IT	BCY65EIX			01
BCW56	S	P	PH, V, RA	BCY77	2N4249		01
BCW56A	S	P	PH, V, RA	BCY77VII			01
BCW57	S	P	PH, V, RA	BC307	BC204		01
BCW57	S	P	PH, V, RA	BC320			01
BCW57A	S	P	PH, V, RA	BC307A			01
BCW57B	S	P	PH, V, RA	BC307B			01
BCW58	S	P	PH, V, RA	BC308	BC205		01
BCW58	S	P	PH, V, RA	BC321			01
BCW58A	S	P	PH, V, RA	BC308A			01
BCW58B	S	P	PH, V, RA	BC308B			01
BCW59	S	P	PH, V, RA	BC309	BC206		01
BCW59	S	P	PH, V, RA	BC322			01
BCW59B	S	P	PH, V, RA	BC309B			01
BCW62	S	P	TX	(BC257)			01
BCW62A	S	P	TX	(BC257A)			01
BCW62B	S	P	TX	(BC257B)			01
BCW63	S	P	TX	(BC257)			01
BCW63A	S	P	TX	(BC257A)			01
BCW63B	S	P	TX	(BC257B)			01
BCW63C	S	P	TX	(BC257C)			01
BCW64	S	P	TX	BC259			01
BCW64A	S	P	TX	(BC259B)			01
BCW64B	S	P	TX	(BC259B)			01
BCW64C	S	P	TX	(BC259C)			01
BCW69	S	P	P1, V	BCX71BG	BF537		01
BCW69R	S	P	MU	BF537			01
BCW70	S	P	PH, V	BCX71BJ	BF537		01
BCW70R	S	P	MU	BF537			01
BCW71	S	N	PH, V	BCX70AG	BF536		01
BCW71R	S	N	MU	BF536			01
BCW72	S	N	PH, V	BCX70AJ	BF536		01
BCW72R	S	N	MU	BF536			01
BCW73	S	N	S	BF X95	2N2222A		01
BCW73-16	S	N	S	BF X95	2N2222A		01
BCW73-25	S	N	S	BF X95	2N2222A		01
BCW73-40	S	N	S	BF X95	2N2222A		01
BCW74	S	N	S	BF X95	2N2222A		01
BCW74-16	S	N	S	BF X95	2N2222A		01
BCW74-25	S	N	S	BF X95	2N2222A		01
BCW74-40	S	N	S	BF X95	2N2222A		01
BCW75	S	P	S	BSW24	2N2907A		01
BCW75-10	S	P	S	BSW24	2N2907A		01
BCW75-16	S	P	S	BSW24	2N2907A		01
BCW75-25	S	P	S	BSW24	2N2907A		01
BCW76	S	P	S	BSW24	2N2907A		01
BCW76-10	S	P	S	BSW24	2N2907A		01
BCW76-16	S	P	S	BSW24	2N2907A		01
BCW76-25	S	P	S	BSW24	2N2907A		01
BCW77	S	N	S	BF Y51	2N2297		01
BCW77-16	S	N	S	BF Y51	2N1711	2N2297	01
BCW77-25	S	N	S	BF Y51	2N2297		01
BCW78	S	N	S	BF Y51	2N2297		01
BCW78-16	S	N	S	BF Y52	2N1711	2N2297	01
BCW78-25	S	N	S	BF Y50	2N2297		01
BCW78-40	S	N	S	BF Y51	2N2297		01
BCW79	S	P	S	BF 595	2N4036		01
BCW79-10	S	P	S	BF 595	2N4036		01
BCW79-16	S	P	S	BF 595	2N4037	2N4036	01
BCW79-25	S	P	S	BF 595	2N4036		01
BCW80	S	P	S	BF 595	2N4036		01
BCW80-10	S	P	S	BF 595	2N4036		01
BCW80-16	S	P	S	BF 595	2N4037	2N4036	01
BCW80-25	S	P	S	BF 595	2N4036		01
BCW82	S	N	TX	(BC167)			01
BCW82A	S	N	TX	(BC167A)			01
BCW82B	S	N	TX	(BC167B)			01
BCW83	S	N	TX	(BC167)			01
BCW83A	S	N	TX	(BC167A)			01
BCW83B	S	N	TX	(BC167B)			01
BCW83C	S	N	TX	(BC167C)			01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BCW84	S	N	TX	(BC169)			01
BCW84B	S	N	TX	(BC169B)			01
BCW84C	S	N	TX	(BC169C)			01
BCW85	S	P	TX	BCY77V11	BC307	2N2907A	01
BCW86	S	P	TX	BCY77V111	BC177A	2N6015	01
BCW86				BC307			01
BCW90	S	N	SB, Sa, ML, SE	BC337			01
BCW90A	S	N	SB, SE	BC337 16	BC338	2N5818	01
BCW90B	S	N	SB, SE	BC337-25	BC338	2N5818	01
BCW90C	S	N	SE	BC338		2N5818	01
BCW90K	S	N	SB, Sa, ML, SE	(BC337)			01
BCW90KA	S	N	SB, SE	(BC337-16)	BF Y50	2N2297	01
BCW90KB	S	N	SB, SE	(BC337-25)	BF Y50	2N2297	01
BCW90KC	S	N	SB, SE	(BC337-40)	BF Y50	2N2297	01
BCW91	S	N	SB, Sa, ML, SE	(BC337)			01
BCW91A	S	N	SB, SE	(BC337-16)	BC338	2N5818	01
BCW91B	S	N	SB, SE	(BC337-25)	BC338	2N5818	01
BCW91K	S	N	SB, Sa, ML, SE	(BC337)			01
BCW91KA	S	N	SB, SE	(BC337-16)	BF Y50	2N2297	01
BCW91KB	S	N	SB, SE	(BC337-25)	BF Y50	2N2297	01
BCW92	S	P	SB, Sa, ML, SE	BC327			01
BCW92A	S	P	SB, SE	(BC327-16)	BC328	2N5819	01
BCW92B	S	P	SB, SE	BC327 25	BC328	2N5819	01
BCW92K	S	P	SB, Sa, ML, SE	(BC327)			01
BCW92KA	S	P	SB, SE	(BC327-16)	BF S95	2N4036	01
BCW92KB	S	P	SB, SE	BC327 25	BF S95	2N5819	01
BCW93	S	P	SB, Sa, ML, SE	(BC327)			01
BCW93A	S	P	SB, SE	(BC327-16)	BC327	2N5819	01
BCW93B	S	P	SB, SE	(BC327-25)	BC327	2N5819	01
BCW93K	S	P	SB, Sa, ML, SE	(BC327)			01
BCW93KA	S	P	SB, SE	(BC327-16)	BF S95	2N4036	01
BCW93KB	S	P	SB, SE	(BC327-25)	BF S95	2N4036	01
BCW94	S	N	SB, Sa, ML, SE	BC337			01
BCW94A	S	N	SB, SE	BC337 16	BC337	2N5818	01
BCW94B	S	N	SB, SE	BC337 25	BC337	2N5818	01
BCW94C	S	N	SB, SE	BC337 40	BC337	2N5818	01
BCW94K	S	N	SB, Sa, ML, SE	BC337			01
BCW94KA	S	N	SB, SE	BC337 16	BF Y50	2N2297	01
BCW94KB	S	N	SB, SE	BC337 25	BF Y50	2N2297	01
BCW94KC	S	N	SB, SE	BC337 40	BF Y50	2N2297	01
BCW95	S	N	SB, Sa, ML, SE	(BC337)			01
BCW95A	S	N	SB, SE	(BC337-16)	BC337	2N5818	01
BCW95B	S	N	SB, SE	BC337 25	BC338	2N5818	01
BCW95K	S	N	SB, Sa, ML, SE	(BC337)			01
BCW95KA	S	N	SB, SE	(BC337 16)	BF Y50	2N2297	01
BCW95KB	S	N	SB, SE	BC337 25	BF Y50	2N2297	01
BCW96	S	P	SB, Sa, ML, SE	BC327			01
BCW96A	S	P	SB, SE	BC327 16	BC327	2N5819	01
BCW96B	S	P	SB, SE	BC327 25	BC327	2N5819	01
BCW96K	S	P	SB, Sa, ML, SE	BC327			01
BCW96KA	S	P	SB, SE	BC327 16	BF S95	2N4036	01
BCW96KB	S	P	SB, SE	BC327 25	BF S95	2N4036	01
BCW97	S	P	SB, Sa, ML, SE	(BC327)			01
BCW97A	S	P	SB, SE	(BC327 16)	BC327	2N5819	01
BCW97B	S	P	SB, SE	(BC327-25)	BC327	2N5819	01
BCW97K	S	P	SB, Sa, ML, SE	(BC327)			01
BCW97KA	S	P	SB, SE	(BC327-16)	BF S95	2N4036	01
BCW97KB	S	P	SB, SE	(BC327-25)	BF S95	2N4036	01
BCW98	S	N	TF	(BC123)			01
BCW98A	S	N	TF	(BC123ye)			01
BCW98B	S	N	TF	(BC123gn)			01
BCW98C	S	N	TF	(BC123gn)			01
BCW98D	S	N	TF	(BC123m)			01
BCW99	S	P	TF	(BC203ye)			01
BCW99A	S	P	TF	(BC203ye)			01
BCW99B	S	P	TF	(BC203gn)			01
BCW99C	S	P	TF	(BC203gn)			01
BCX10	S	P	AT	BC1616			01
BCX17	S	P	MU, V, PH	BCW68			01
BCX18	S	P	MU, V, PH	BCW68			01
BCX19	S	N	MU, V, PH	BCW68			01
BCX20	S	N	MU, V, PH	BCW68			01
BCX40	S	N	AT	(BSX47)	BF X85	2N1893	01
BCX40-4	S	N	AT	(BSX47-8)			01
BCX40-5	S	N	AT	(BSX47 10)			01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BCX40-6	S	N	AT	(BSX47-10)					01
BCX60	S	P	AT	(BSV17)	BF593				01
BCX60-4	S	P	AT	(BSV17-6)		2N4037			01
BCX60-5	S	P	AT	(BSV17-10)					01
BCX60-6	S	P	AT	(BSV17-10)					01
BCY10	S	P	PH, PE, V	(BC327-16)	BCY32	2N1475			01
BCY11	S	P	PH, PE, V	(BC327-16)	BCY32	2N1475			01
BCY12	S	P	PH, PE, V	(BC327-16)	BC160	2N1132	2N1475		01
BCY12				BCY32					01
BCY13	S	N	S	BCY65EVII	BSW66	2N2219	2N1893		01
BCY14	S	N	S	(BF457)	BFY13	2N2219	2N1893		01
BCY14				BSW66					01
BCY15	S	N	S	BCY65EVII	BFY14	2N2219	2N1893		01
BCY15				BSW66					01
BCY16	S	N	S	(BF457)	BFY14	2N2219	2N1893		01
BCY16				BSY18	BSW66				01
BCY17	S	P	TA, S	(BC307A)	BCY12	2N4036			01
BCY17				BCY34	BSF95				01
BCY18	S	P	TA, S	(BC307A)	BCY12	2N4036			01
BCY18				BCZ11	BSF95				01
BCY19	S	P	TA, S	(BC212A)	BCY11	2N1475			01
BCY19				BCY31	BCZ12				01
BCY19				BCY32					01
BCY20	S	P	TA, S	(BC212A)	BCY30	2N1475-			01
BCY20				BCY32					01
BCY21	S	P	TA	(BC212A)	BCY32	2N1475			01
BCY22	S	P	TA	(BC212A)	BSV68	2N3497			01
BCY23	S	P	TA	(BC308A)	BCY32	2N1475			01
BCY24	S	P	TA	(BC308A)	BCY32	2N1475			01
BCY25	S	P	TA	(BC308A)	BCY32	2N1475			01
BCY26	S	P	TA	(BC307A)	BCY32	2N1475			01
BCY27	S	P	TA, S	(BC308A)	BCY31	2N1475			01
BCY27				BCZ10	BCY32				01
BCY28	S	P	TA, S	(BC308A)	BCY31	2N1475			01
BCY28				BCY32	BCZ11				01
BCY29	S	P	TA, S	(BC212A)	BCY30	2N1475			01
BCY29				BCY32	BCZ12				01
BCY30	S	P	MU, PH, V, PE	BCW56A	(BC212A)	2N1475			01
BCY30				BCY29	BCY32				01
BCY31	S	P	MU, PH, V, PE	BCW56A	(BC212A)	2N1475			01
BCY31				BCY32	BCY27				01
BCY31				BCY28					01
BCY32	S	P	MU, PH, V, PE, TA	(BC212A)		2N1475			01
BCY33	S	P	MU, PH, V, PE, TA	(BC213A)	BCY32	2N1475			01
BCY34	S	P	MU, PH, V, PE, TA	(BC308A)	BCY78VII				01
BCY34				BC177	BCY17				01
BCY34				BC261	BCY27				01
BCY34				BCY32					01
BCY38	S	P	MU, PH, V, PE	(BC328-16)	BCY32	2N1475			01
BCY39	S	P	MU, PH, V, PE	(BC327-16)	BC161	2N2904A	2N2904		01
BCY39				BCY32		2N1475			01
BCY40	S	P	MU, PH, V, RA, PE	(BC328-16)	BCY32	2N4037			01
BCY42	S	N	F, SG, IT, TX	BC107A	BC237A	2N929			01
BCY42				BC107					01
BCY43	S	N	F, SG, MU, IT, TX	BC107A	BC237A	2N930			01
BCY43				BC109					01
BCY48	S	P	MU	(BC308A)	BCY32	2N1475			01
BCY50	S	N	IN, IT	BC107	BC238A	MP56520	A157		01
BCY50				BC183	BC108A				01
BCY50				BC108B	BC183B				01
BCY50r	S	N	IN, IT	BC238A	BC108B				01
BCY50r				BC183B					01
BCY50r	S	N	IN, IT	BC239B	BC109B				01
BCY50r				BC184B					01
BCY51	S	N	IN, IT	BC108A	BC238A	MP56520	A157		01
BCY51				BC183					01
BCY51				BC183B	BC107				01
BCY51i	S	N	IN, IT	BC238A	BC107B				01
BCY51i				BC182B	BC107B				01
BCY51r	S	N	IN, IT	BC184	BC239B	MP56521			01
BCY51r				BC184B					01
BCY51r				BC109B					01
BCY54	S	P	MU, PH, V, RA, PE	(BC327-16)	BCY32	2N4036	2N1475		01
BCY56	S	N	PH, MU, V			2N2080B	2N2642		01
BCY56	S	N	PH, MN, RA, TX, V	BC414B	BC107	FT107B	SE4021		01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BCY56						2N2484	2N4829		01
BCY57	S	N	PH, V, MN, RA, TX	BC182A	BC413C	FT107A	SE4022	25C64B	01
BCY57				BC108	BCY58	2N3568	2N2921		01
BCY57				BC107A		2N930			01
BCY58	S	N	PH, S, TF, V, IN	BCY58X	AM261	MP56566	SE4022	25C907	01
BCY58				BC182B	BC107B	FT107A	2N3568		01
BCY58				BF Y44					01
BCY58A	S	N	IN, TX	BCY58VII	BC107	A157			01
BCY58B	S	N	IN, TX	BCY58VIII	BC107	A157			01
BCY58C	S	N	IN, TX	BCY58IX	BC108	2N930			01
BCY58D	S	N	PH, S, TF, V	BCY58X	BC109	2N930			01
BCY58-7	S	N	PH, S, TF, V	BFX96		2N2222A			01
BCY58-8	S	N	PH, S, TF, V	BFX96		2N2222A			01
BCY58-9	S	N	PH, S, TF, V	BFX96		2N2222A			01
BCY58-10	S	N	PH, S, TF, V	BFX96		2N2222A			01
BCY59	S	N	PH, S, TF, V, IN	BCY59VII	AM262	MP56566	2N2222A	25C907	01
BCY59				BC182B	BC107B	SE4021	FT107B		01
BCY59				BF X95					01
BCY59A	S	N	IN, SG, TX	BCY59VII	BC107	A157			01
BCY59B	S	N	IN, SG, TX	BCY59VIII	BC107	A157			01
BCY59C	S	N	IN, SG, TX	BCY59IX	BC109	2N930			01
BCY59D	S	N	IN, SG, TX	BCY59X	BC109	2N930			01
BCY59-7	S	N	PH, S, TF, V	BF X95		2N2222A			01
BCY59-8	S	N	PH, S, TF, V	BF X95		2N2222A			01
BCY59-9	S	N	PH, S, TF, V	BF X95		2N2222A			01
BCY59-10	S	N	PH, S, TF, V	BF X95		2N2222A			01
BCY65	S	N	V, TX	BF X95	BC107B	2N2484	2N2483	25C84E	01
BCY65				BF X95		FT107C	SE4020		01
BCY65E	S	N	S	BF X95		2N2222A			01
BCY65E7	S	N	S	BF X95		2N2222A			01
BCY65E8	S	N	S	BF X95		2N2222A			01
BCY65E9	S	N	S	BF X95		2N2222A			01
BCY65VI	S	N	V	BCY65EVII					01
BCY65VII	S	N	V	BCY65EVIII					01
BCY65IX	S	N	V	BCY65EIX					01
BCY66	S	N	S	BC109	BC107	FT107B	SE4021	25C84E	01
BCY66				BCY66VIII	BC107B	2N930			01
BCY67	S	P	S	BCY71		2N3965			01
BCY69	S	N	SB, S6, ML, SE	BC238C	BC109	2N930			01
BCY70	S	P	MU, PH, V, TX, ME-	BCY77	BC177	2N3964	2N2907	25A549	01
BCY70			NS, NT, PE, RA, SG	BC261	BC212	2N3965			01
BCY70			IT	BCY79	BC204				01
BCY71	S	P	MU, PH, V, IT, ME-	BC416A		2N2907	2N3964		01
BCY71			NS, NT, PE, RA, TX			2N3965			01
BCY71			SG						01
BCY71A	S	P	MU, PH, V, IT, ME	BC415B	BCY71	2N3965			01
BCY71A			NS						01
BCY72	S	P	MU, PH, V, IT, ME-	BCY78VII	BCY70	2N3964	2N2907		01
BCY72			NS, NT, PE, RA, SG-			2N3965			01
BCY72			TX						01
BCY78	S	P	S, PH, TF, V	BC213B	BC177	2N3964	2N3965		01
BCY78A	S	P	IN	BCY78VII	BC177	2N3964			01
BCY78B	S	P	IN	BCY78VIII	BC179	2N3965			01
BCY78C	S	P	IN	BCY78IX	BC179	2N3965			01
BCY78D	S	P	IN	BCY78X	BC179	2N3965			01
BCY78-7	S	P	PH, S, TF, V	BC177		2N3965			01
BCY78-8	S	P	PH, S, TF, V	BC179		2N3965			01
BCY78-9	S	P	PH, S, TF, V	BC179		2N3965			01
BCY78-10	S	P	PH, S, TF, V	BC179		2N3965			01
BCY79	S	P	PH, S, TF, V	BC177		2N3964	2N3965		01
BCY79A	S	P	IN	BCY79VII	BC177	2N3965			01
BCY79B	S	P	IN	BCY79VIII	BC179	2N3965			01
BCY79C	S	P	IN	BCY79IX	BC179	2N3965			01
BCY79-7	S	P	PH, S, TF, V	BC177		2N3965			01
BCY79-8	S	P	PH, S, TF, V	BC179		2N3965			01
BCY79-9	S	P	PH, S, TF, V	BC179		2N3965			01
BCY85	S	N	TX	(BCY85EVIII)					01
BCY85A	S	N	TX	(BCY85EVIII)					01
BCY85B	S	N	TX	BCY85EIX					01
BCY86	S	N	TX	BCY85EVIN					01
BCY86A	S	N	TX	(BCY85EVIII)					01
BCY86B	S	N	TX	(BCY85EIX)					01
BCY90	S	P	TA	(BC307A)					01
BCY90B	S	P	TA	(BC307A)					01
BCY91	S	P	TA	(BC307A)					01

TYPE	M/S	POI	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BCY918	S	P	TA	(BC307A)			01
BCY92	S	P	TA	(BC307A)			01
BCY928	S	P	TA	(BC307A)			01
BCY93	S	P	TA	(BCY77VII)			01
BCY938	S	P	TA	(BCY77VII)			01
BCY94	S	P	TA	(BCY77VII)			01
BCY948	S	P	TA	(BCY77VII)			01
BCY95	S	P	TA	(BCY77VII)			01
BCY958	S	P	TA	(BCY77VII)			01
BCY96	S	P	TA	(BCY77VII)			01
BCY968	S	P	TA	(BCY77VII)			01
BCY97	S	P	TA	(BCY77VII)			01
BCY978	S	P	TA	(BCY77VII)			01
BCY988	S	P	TA	(BC307A)			01
BCZ10	S	P	MU, PE, RA, V, PH	BCY34	BCY32	2N1475	01
BCZ10							01
BCZ10				BCY17	(BC308A)		01
BCZ10				BC261	BCY27		01
BCZ10				BC212			01
BCZ11	S	P	MU, PH, PE, RA, V	BC177	BCY32	2N1475	01
BCZ11				(BC308A)	BC261		01
BCZ11				BCY18	BC212		01
BCZ11				BCY28	BC204		01
BCZ12	S	P	MU, PH, PE, RA, V	BCY31	(BCY77VII)	2N1475	01
BCZ12				BCY32	BCY19		01
BCZ12				BCY29			01
BCZ13	S	P	V	BCY33	(BC308A)		01
BCZ13				BC178	BCY27		01
BCZ13				BC261	BC213		01
BCZ14	S	P	V	BC178	(BC308A)		01
BCZ14				BC261	BCY28		01
BCZ14				BC213			01
BCZ14				BC206			01
BD106	S	N	IN, IT	BDY12	BD107	2N4910	06
BD106A	S	N	IN, IT	BD124	BDY12-10	2N3054	06
BD106A				BD109C	BCY47A		06
BD106A				BD106	BDY34		06
BD106A				BD107			06
BD106B	S	N	IN, IT	BD124	BDY12-16		06
BD106B				BCY47A	BD109D	25C830	06
BD106B				BD106	BDY34		06
BD106B				BD107			06
BD107	S	N	IN, IT	BDY13		2N4911	06
BD107A	S	N	IN	BCY47A	BDY13-10	2N3054	06
BD107A				BD107	BDY34		06
BD107A				BD124			06
BD107B	S	N	IN	BDY13-16	BD107		06
BD109	S	N	S	BD124	BDY12	2N3054	06
BD109				BD107	BDY39		06
BD109				BDY34			06
BD1098	S	N	S	BDY12-6			06
BD109C	S	N	S	BDY12-10			06
BD109D	S	N	S	BDY12-16			06
BD109-6	S	N	S	BDY12-6			06
BD109-10	S	N	S	BDY12-10			06
BD109-16	S	N	S	BDY12-16			06
BD111	S	N	AT, SG	BDY72	(BU310)	2N3054	06
BD111				BD107	BDY39		06
BD111				BDY34			06
BD111A	S	N	AT, SG	(BU310)		2N3715	06
BD112	S	N	SG, AT	(BU310)	BDY39		06
BD113	S	N	SG, AT	(BU310)	BDY39		06
BD113				BD145			06
BD115	S	N	MU, PH, V, RT, TX	BF179C	(BF458)		06
BD115	S	N	AM, PE, RA	BD127	BF258		06
BD115				BF115	SF8258	25C1546	06
BD116	S	N	SG, AT	BD145	(BU310)	2N3055	06
BD116				BD117	BDY13		06
BD116				AM291	BD127		06
BD117	S	N	AT, SG	AM291	(BU310)	2N3713	06
BD117				BDY39	BD127	2N3055	06
BD118	S	N	SG, AT	BD145	(BU310)	2N3055	06
BD118				AM291	BD130		06
BD118				BD127			06
BD119	S	N	SG, AT	BU111	BD127		06
BD120	S	N	SG, AT	(BU114)	BU110		06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
8D121	S	N	MU, SO, V	AM291	(BU310)	2N3055			06
8D121				BD130	BD111				06
8D123	S	N	MU, SO, V	(BU310)	BD130	2N3055			06
8D123				AM291					06
8D124	S	N	MU, PH, PE, RA, V	(BU310)	BDY13	2N3054	2N3055		06
8D124				BD107					06
8D127	S	N	TF	BD232	(BF459)	FT48			06
8D127				BU171	BF458				06
8D128	S	N	TF	(BF459)	BU111	FT49			06
8D128				BD232					06
8D129	S	N	TF	(BF459)	BU111	FT50			06
8D129				BD232					06
8D130	S	N	S	AM291	BDX10	2N3055		75C103D	06
8D130				BDY20					06
8C131	S	N	MU, PH, V, AM	(BD441)	BD237	2N4923			06
8D132	S	P	MU, PH, V, AM	(BD438)	BD238	2N4920			06
8D133	S	N	MU, PH	(BD441)	BD237	2N4823			06
8D135	S	N	IN, S, TF, V	BD169	SDA345	2N4923			06
8D135				BD137	8C429				06
8D136	S	P	IN, S, TF, V, AM	SDA445	BD430	TIP30	2N4920		06
8D136				BD140					06
8D137	S	N	MU, PH, RA	SDA345	8C429A	TIP29A	2N4923		06
8D137				BD169	BD169				06
8D138	S	P	IN, S, TF, V, AM	SDA445	8C430A	TIP30A	2N4920		06
8D138				BD140					06
8D139	S	N	MU, PH, RA	SD345	BD169	TIP29B	2N4923		06
8D139				BD169					06
8D140	S	N	IN, S, TF, V, AM	SD445		TIP30B	2N4920		06
8D140				SD445					06
8D140	S	P	MU, PH, RA						06
8D141	S	N	AT			2N5631	2N4347		06
8D141									06
8D142	S	N	AT, MO	AM291	BDX10	2N3442	2N3055		06
8D142				BDY20		2N569			06
8D142-4	S	N	AT			2N3055			06
8D142-5	S	N	AT			2N3055			06
8D142-6	S	N	AT			2N3055			06
8D142-7	S	N	AT			2N3055			06
8D144	S	N	MU, PH, V, AM	BUY77	BUY18C				06
8D145	S	N	V, RA, MU	(BU310)					06
8D148	S	N	S	BDY71		2N3054			06
8D148-6	S	N	S			2N3054			06
8D148-10	S	N	S			2N3054			06
8D148-16	S	N	S			2N3054			06
8D149	S	N	S	BDY21		2N3054			06
8D149-6	S	N	S			2N3054			06
8D149-10	S	N	S			2N3054			06
8D150	S	N	SG	(BF459)		2N3440			06
8D150A	S	N	SG, AT	(BF458)					06
8D150B	S	N	SG, AT	(BF458)					06
8D150C	S	N	SG, AT	(BF459)					06
8D151	S	P	MO	BD436	BD238	2N4920			06
8D152	S	P	MO	BD440					06
8D153	S	N	MO	BD441	BD589	2N6123			06
8D154	S	N	MO	BD436	BD589	2N6123			06
8D155	S	N	MO	BD439	BD589	2N6123			06
8D156	S	P	MO	BD442	BD238	2N4920			06
8D157	S	N	MO, SB, SE	(BF459)	BD410	FT47			06
8D158	S	N	MO, SB, SE	BD410	(BF459)	FT48			06
8D158				BD232					06
8D159	S	N	MO, SB, SE	(BF459)	BD410	FT49			06
8D159				BD232					06
8D160	S	N	MU, PH, RT	BUY77		2N6510			06
8D161	S	N	AT			2N3054			06
8D162	S	N	AT, SG			2N3054	40250		06
8D162						2N4910			06
8D163	S	N	AT, SG			2N5054	2N3054		06
8D163						2N6260	2N4910		06
8D165	S	N	MO, TF, V	BD437	8C429	TIP29	2N4923		06
8D165				BD169					06
8D166	S	P	MO, TF, V	BD438	8C430	TIP30	2N4920		06
8D166				BD140					06
8D167	S	N	MO, TF, V	BD438	BD169	TIP29A	2N4923		06
8D168	S	P	MO, TF, V	BD440	BD140	TIP30A	2N4920		06
8D169	S	N	MO, TF, V	BD441		TIP29B	2N4923		06
8D170	S	P	MO, TF, V	BD442	BD238	TIP30B	2N4920		06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
8D171	S	N	MO	(8F457)	8D232		06
8D172	S	N	MO	(8F457)	8D232		06
8D173	S	N	MO	(8F458)	8D232		06
8D175	S	N	MO, TF	8D437	8D237	2N6121	06
8D178	S	P	MO, TF	8D438	8D238	2N6124	06
8D177	S	N	MO, TF	8D439	8D237	TIP29A	06
8D178	S	P	MO, TF	8D440	8D238	TIP30A	06
8D179	S	N	MO, TF	8D441	8D237	TIP29B	06
8D180	S	P	MO, TF	8D442	8D238	TIP30B	06
8D181	S	N	MU, PH, V	8D420		2N4913	06
8D182	S	N	MU, PH, V	8D420		2N3055	06
8D183	S	N	MU, PH, V, AM	8D450		2N3442	06
8D183						2N3773	06
8D184	S	N	MU			2N3442	06
8D185	S	N	MO, TF	8D441	8D221	2N5192	06
8D185				8D238	8D437		06
8D186	S	P	MO, TF	8D442	8D224	2N5195	06
8D186				8D438	8D240		06
8D187	S	N	MO, TF	8D439	8D239	2N6121	06
8D187				8D441			06
8D188	S	P	MO, TF	8D440	8D240	2N6124	06
8D188				8D442			06
8D189	S	N	MO, TF	8D222	8D239A	2N5192	06
8D189				8D441			06
8D190	S	P	MO, TF	8D442	8D225	2N5195	06
8D190				8D240A	8D240		06
8D191	S	N	AT, SG			(2N3055)	06
8D191-4	S	N	AT			(2N3055)	06
8D191-5	S	N	AT			(2N3055)	06
8D191-6	S	N	AT			(2N3055)	06
8D191-7	S	N	AT			(2N3055)	06
8D192	S	N	AT			(2N3055)	06
8D192-4	S	N	AT			(2N3055)	06
8D192-5	S	N	AT			(2N3055)	06
8D192-6	S	N	AT			(2N3055)	06
8D192-7	S	N	AT			(2N3055)	06
8D193	S	N	AT			(2N3442)	06
8D193-4	S	N	AT			(2N3442)	06
8D193-5	S	N	AT			(2N3442)	06
8D193-6	S	N	AT			(2N3442)	06
8D193-7	S	N	AT			(2N3442)	06
8D195	S	N	MO	(8D437)	8D243	2N6129	06
8D195				8D589			06
8D196	S	P	MO	(8D438)	8D244	2N6132	06
8D196				8D438			06
8D197	S	N	MO	8D439	8D243A	2N6129	06
8D197				8D589			06
8D198	S	P	MO	(8D440)	8D244A	2N6132	06
8D198				8D439			06
8D199	S	N	MO	(8D441)	8D243B	2N6130	06
8D199				8D589			06
8D200	S	P	MO	(8D442)	8D244B	2N6133	06
8D200				8D438			06
8D201	S	N	MU, PH, V, RA	(8D439)	8D243	2N6101	06
8D201				8D437			06
8D202	S	P	MU, PH, V, RA	(8D440)	8D244	2N6134	06
8D202				8D438			06
8D203	S	N	MU, PH, V, RA	(8D439)	8D243A	2N6101	06
8D203				8D437			06
8D204	S	P	MU, PH, V, RA	(8D440)	8D244A	2N6134	06
8D204				8D438			06
8D205	S	N	MO	8D437		2N6589	06
8D205				8D437		2N6101	06
8D206	S	P	MO	8D438		2N6489	06
8D207	S	N	MO	8D437		F T3055	06
8D207						2N6487	06
8D207						2N6101	06
8D208	S	P	MO	8D438		2N6490	06
8D208						2N6134	06
8D213	S	N	TF	8D213-8			06
8D213-45	S	N	TF	8D213-8			06
8D213-80	S	N	TF	8D213-8		FT3055	06
8D213-80	S	N	TF	8D213-8			06
8D214	S	P	TF	8D214-8			06
8D214-45	S	P	TF	8D214-8		2N6489	06
8D214-80	S	P	TF	8D214-8		FT2955	06
8D214-80						2N6490	06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
8D214-80	S	P	TF	8D214 8		2N6419	06
8D215	S	N	SG, AT	(8UY78)		2N3584	06
8D216	S	N	SG, AT	(8UY77)		2N3585	06
8D220	S	N	F	8D441	8D589	2N6123	06
8D221	S	N	F	8D439	8D589	2N6123	06
8D227	S	N	F	8D441	8D589	2N6123	06
8D223	S	P	F	8D442	8D590	2N6126	06
8D224	S	P	F	8D440	8D590	2N6126	06
8D225	S	P	F	8D442	8D590	2N6126	06
8D226	S	N	PH, V, AM	8D135	8D589	2N6123	06
8D227	S	P	PH, V, AM	8D135	8D590	2N6126	06
8D228	S	N	PH, V, AM	8D137	8D589	2N6123	06
8D229	S	P	PH, V, AM	8D138	8D590	2N6126	06
8D230	S	N	PH, V, AM	8D139	8D589	2N6123	06
8D231	S	P	PH, V, AM	8D140	8D590	2N6126	06
8D232	S	N	MU, PH, V, AM	(8F468)			06
8D233	S	N	PH, TF, V, S, MO	8D437	8D237	TIP29	2N4923
8D234	S	P	PH, TF, V, S, MO	8D438	8D238	TIP30	2N4920
8D235	S	N	PH, TF, V, S, MO	8D439	8D237	TIP29A	2N4923
8D236	S	P	PH, TF, V, S, MO	8D440	8D238	TIP30A	2N4920
8D237	S	N	PH, TF, V, S, MO	8D441		TIP29B	2N4923
8D238	S	P	PH, TF, V, S, MO	8D442		TIP30B	2N4920
8D239	S	N	TX	8D437		2N6121	
8D239A	S	N	TX	8D439		2N6122	
8D239B	S	N	TX	8D441		2N6123	
8D239C	S	N	TX	(8D441)			06
8D240	S	P	TX	8D438		2N6124	06
8D240A	S	P	TX	8D440		2N6125	06
8D240B	S	P	TX	8D442		2N6126	06
8D240C	S	P	TX	(8D442)			06
8D241	S	N	TX	8D437		2N6121	06
8D241A	S	N	TX	8D439		2N6122	06
8D241B	S	N	TX	8D441		2N6123	06
8D241C	S	N	TX	(8D441)			06
8D242	S	P	TX	8D438		2N6124	06
8D242A	S	P	TX	8D440		2N6125	06
8D242B	S	P	TX	8D442		2N6126	06
8D242C	S	P	TX	(8D442)			06
8D243	S	N	TX	(8D437)			06
8D243A	S	N	TX	(8D439)			06
8D243B	S	N	TX	(8D441)			06
8D243C	S	N	TX	(8D441)			06
8D244	S	P	TX	(8D438)			06
8D244A	S	P	TX	(8D440)			06
8D244B	S	P	TX	(8D442)			06
8D244C	S	P	TX	(8D442)			06
8D245	S	N	TX			2N6486	06
8D245A	S	N	TX			2N6487	06
8D245B	S	N	TX			2N6488	06
8D245C	S	P	TX			2N6489	06
8D246	S	P	TX				06
8D246A	S	P	TX			2N6490	06
8D246B	S	P	TX			2N6491	06
8D251	S	N	SG, AT	(8U310)			06
8D253	S	N	TX	8UY77	BUX18B		06
8D253A	S	N	TX	8UY78	BUX18C		06
8D253B	S	N	TX	8UY79	BU126		06
8D253C	S	N	TX	(8UY79)		TAB764	06
8D257	S	N	TF	8D257-1			06
8D257-45	S	N	TF	8D257-1			06
8D257-60	S	N	TF	8D257-1			06
8D257-80	S	N	TF	8D257-1			06
8D257-100	S	N	TF	8D257-1			06
8D258	S	P	TF	8D258-1			06
8D258-45	S	P	TF	8D258-1			06
8D258-60	S	P	TF	8D258-1			06
8D258-80	S	P	TF	8D258-1			06
8D258-100	S	P	TF	8D258-1			06
8D260	S	N	AT, SG	(8U310)		FT401	2N3584
8D261	S	N	AT, SG	(8U310)		FT411	2N3584
8D262	SD	P	MU, PH, V, RA	8D646			06
8D262A	SD	P	MU, PH, V, RA	8D648			06
8D262B	SD	P	RA, V, PH	8D650			06
8D262L	SD	P	RA				06
8D264	SD	P	MU, PH, V, RA	8D646		RCA8203A	06
8D264A	SD	P	MU, PH, V, RT, RA	8D648		RCA8203B	06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
8D264B	SD	P	RA, PH, MU, V	8D650	8DX34C		06
8D264L	SD	P	RA	8D644			06
8D265	SD	N	MU, PH, V, RA	8D647		2N6387	06
8D265A	SD	N	MU, PH, V, RA	8D647		2N6388	06
8D265B	SD	N	RA, PH, V	8D649	8DX33C		06
8D265L	SD	N	RA	8D645			06
8D266	SD	P	MU, PH, V, RA	8D646	8DX34A		06
8D266A	SD	P	MU, PH, V, RA	8D648	8DX34B		06
8D266B	SD	P	RA, PH, V	8D650	8DX34C		06
8D266L	SD	P	RA	8D644			06
8D267	SD	N	MU, PH, V, RA	8D647	8DX33A		06
8D267A	SD	N	MU, PH, V, RA	8D647	8DX33B		06
8D267B	SD	N	RA, PH, V	8D649	8DX33C		06
8D267L	SD	N	RA	8D645			06
8D268	SD	P	RA	8DX34A			06
8D268A	SD	P	RA	8DX34B			06
8D269	SD	N	RA	8DX33A			06
8D269A	SD	N	RA	8DX33B			06
8D271	S	N	PH, V, RA	8D439	8D241		06
8D272	S	P	PH, V, RA	8D440	8D242		06
8D273	S	N	PH, V, RA	8D441	8D241A		06
8D274	S	P	PH, V, RA	8D442	8D242A		06
8D275	S	N	PH, V, RA	8D441	8D241B		06
8D276	S	P	PH, V, RA	8D442	8D242B		06
8D281	S	N	AT	8D433			06
8D282	S	P	AT	8D434			06
8D283	S	N	AT	8D221	8D435		06
8D284	S	P	AT	8D224	8D436		06
8D285	S	N	AT	8D437		2N6121	06
8D286	S	P	AT	8D438		2N6124	06
8D291	S	N	PH, V	8D243			06
8D292	S	P	PH, V	8D244			06
8D293	S	N	PH, V	8D243A			06
8D294	S	P	PH, V	8D244A			06
8D301	S	N	SB, SE	(8D439)	8D243	2N6123	06
8D301	S	P	SB, SE	8D589			06
8D302	S	P	SB, SE	(8D440)	8D244	2N6128	06
8D302	S	N	SB, SE	8D690			06
8D303	S	N	SB, SE	(8D439)	8D243A	2N6123	06
8D303	S	P	SB, SE	8D589			06
8D304	S	P	SB, SE	(8D440)	8D244A	2N6126	06
8D304	S	N	IN	8D590			06
8D306	S	N	IN	(8D437)			06
8D306A	S	N	IN	(8D437)	8D237	2N4923	06
8D306B	S	N	IN	(8D437)	8D237	2N4923	06
8D307	S	N	IN	(8D439)			06
8D307A	S	N	IN	(8D439)	8D237	2N4923	06
8D307B	S	N	IN	(8D439)	8D237	2N4923	06
8D311	S	N	MO			2N5881	06
8D312	S	P	MO			2N5879	06
8D313	S	N	MO			2N5882	06
8D314	S	P	MO			2N5880	06
8D315	S	N	MO			2N5882	06
8D316	S	P	MO			2N5880	06
8D317	S	N	MO			2N5629	06
8D318	S	P	MO			2N6020	06
8D361	S	N	MO	8D437		2N6248	06
8D361A	S	N	MO	8D437		TIP29	06
8D362	S	P	MO	8D438		TIP29	06
8D362A	S	P	MO	8D438		TIP30	06
8D362A	S	P	MO	8D438		TIP30	06
8D363A	S	N	AT	(8D439)			06
8D363B	S	N	AT	(8D439)			06
8D375	S	N	SG, AT	8D239			06
8D376	S	P	SG, AT	8D240			06
8D377	S	N	SG, AT	8D239A			06
8D378	S	P	SG, AT	8D240A			06
8D379	S	N	SG, AT	8D239B			06
8D380	S	P	SG, AT	8D240B			06
8D400	S	N	TX	8D169		2N4923	06
8D410	S	N	TX	8D232		RCP111D	06
8D433	S	N	PH, S, TF, V	8D441		2N6192	06
8D433A	S	N	S	8D441		2N6192	06
8D433B	S	N	S	8D441		2N6192	06
8D433C	S	N	S	8D441		2N6192	06
8D434	S	P	PH, S, TF, V	8D442		2N6195	06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
8D434A	S	P	S	8D442	2N5195		06
8D434B	S	P	S	8D442	2N5195		06
8D434C	S	P	S	8D442	2N5195		06
8D435	S	N	PH, S, TF, V	8D441	2N5192		06
8D435A	S	N	S	8D441	2N5192		06
8D435B	S	N	S	8D441	2N5192		06
8D435C	S	N	S	8D441	2N5192		06
8D436	S	P	PH, S, TF, V	8D442	2N5195		06
8D436A	S	P	S	8D442	2N5195		06
8D436B	S	P	S	8D442	2N5195		06
8D436C	S	P	S	8D442	2N5195		06
8D437	S	N	PH, S, TF, V	8D441	2N5192		06
8D438	S	P	PH, S, TF, V	8D442	2N5195		06
8D439	S	N	S	8D441	2N5192		06
8D440	S	P	S	8D442	2N5195		06
8D441	S	N	S		2N5192		06
8D442	S	P	S		2N5195		06
8D461	S	N	TX	8D437			06
8D462	S	P	TX	8D436			06
8D463	S	N	TX	8D437			06
8D464	S	P	TX	8D438			06
8D505	S	N	MO	(8D136-16)			06
8D505-1	S	N	MO	(8D136-16)			06
8D505-5	S	N	MO	(8D136-16)			06
8D506	S	P	MO	(8D136-16)			06
8D506-1	S	P	MO	(8D136-16)			06
8D506-5	S	P	MO	(8D136-16)			06
8D507	S	N	MO	(8D135-16)			06
8D507-1	S	N	MO	(8D135-16)			06
8D507-5	S	N	MO	(8D135-16)			06
8D508	S	P	MO	(8D136-16)			06
8D508-1	S	P	MO	(8D136-16)			06
8D508-5	S	P	MO	(8D136-16)			06
8D509	S	N	MO	(8D137-10)			06
8D509-1	S	N	MO	(8D137-10)			06
8D509-5	S	N	MO	(8D137-10)			06
8D510	S	P	MO	(8D138-10)			06
8D510-1	S	P	MO	(8D138-10)			06
8D510-5	S	P	MO	(8D138-10)			06
8D615	S	N	MO	(8D135-10)	RCP701A		06
8D615-1	S	N	MO	(8D135-10)			06
8D615-5	S	N	MO	(8D135-10)			06
8D616	S	P	MO	(8D136-10)	RCP700A		06
8D616-1	S	P	MO	(8D136-10)			06
8D616-5	S	P	MO	(8D136-10)			06
8D617	S	N	MO	(8D137-10)	RCP701B		06
8D617-1	S	N	MO	(8D137-10)			06
8D617-5	S	N	MO	(8D137-10)			06
8D618	S	P	MO	(8D138-10)	RCP700B		06
8D618-1	S	P	MO	(8D138-10)			06
8D618-5	S	P	MO	(8D138-10)			06
8D619	S	N	MO	(8D139-10)	RCP701C		06
8D619-1	S	N	MO	(8D139-10)			06
8D619-5	S	N	MO	(8D139-10)			06
8D620	S	P	MO	(8D140-10)	RCP700C		06
8D620-1	S	P	MO	(8D140-10)			06
8D620-5	S	P	MO	(8D140-10)			06
8D625	S	N	MO	(8D137-10)	RCP701H		06
8D625-1	S	N	MO	(8D137-10)			06
8D625-5	S	N	MO	(8D137-10)			06
8D626	S	P	MO	(8D138-10)	RCP700B		06
8D626-1	S	P	MO	(8D138-10)			06
8D626-5	S	P	MO	(8D138-10)			06
8D627	S	N	MO	(8D139-10)	RCP701C		06
8D627-1	S	N	MO	(8D139-10)			06
8D627-5	S	N	MO	(8D139-10)			06
8D628	S	P	MO	(8D140-10)	RCP700C		06
8D628-1	S	P	MO	(8D140-10)			06
8D628-5	S	P	MO	(8D140-10)			06
8D629	S	N	MO	(8D139-10)	RCP701D		06
8D629-1	S	N	MO	(8D139-10)			06
8D629-5	S	N	MO	(8D139-10)			06
8D630	S	P	MO	(8D140-10)	RCP700D		06
8D630-1	S	P	MO	(8D140-10)			06
8D630-5	S	P	MO	(8D140-10)			06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
8D696A	SD	N	MO	8D643	8DX33				06
8D696	SD	P	MO, TF	8D644	8DX34				06
8D696A	SD	P	MO	8D644	8DX34				06
8D697	SD	N	MO, TF	8D645	8DX33A	SE9300	2N6101		06
8D697									06
8D697A	SD	N	MO	8D645	8DX33A	SE9300			06
8D696	SD	P	MO, TF	8D646	8DX34A				06
8D698A	SD	P	MO	8D646	8DX34A				06
8D699	SD	N	MO, TF	8D647	8DX338	SE9301			06
8D699									06
8D699A	SD	N	MO	8D647	8DX338	SE9301			06
8D700	SD	P	MO, TF	8D648	8DX348	SE9401			06
8D700A	SD	P	MO	8D648	8DX348	SE9401			06
8D701	SD	N	MO	8D649	8DX33C				06
8D701									06
8D702	SD	P	MO	8D650	8DX34C	2N5195			06
8D702				8D442					06
8D705	S	N	SG, AT			2N6486			06
8D706	S	P	SG, AT			2N6489			06
8D707	S	N	SG, AT			2N6487			06
8D708	S	P	SG, AT			2N6490			06
8D709	S	N	SG, AT			2N6488			06
8D710	S	P	SG, AT			2N6491			06
8D733	S	N	TX	8D433					06
8D734	S	P	TX	8D434					06
8D735	S	N	TX	8D435					06
8D736	S	P	TX	8D436					06
8D737	S	N	TX	8D437					06
8D738	S	P	TX	8D438					06
8DX10	S	N	AT	AM291		2N3055			06
8DX10-4	S	N	AT			2N3055			06
8DX10-5	S	N	AT			2N3055			06
8DX10-6	S	N	AT			2N3055			06
8DX10-7	S	N	AT			2N3055			06
8DX11	S	N	AT			2N5631	2N3442		06
8DX11-4	S	N	AT			2N3442			06
8DX11-5	S	N	AT			2N3442			06
8DX11-6	S	N	AT			2N3442			06
8DX11-7	S	N	AT			2N3442			06
8DX12	S	N	AT			2N4347			06
8DX13	S	N	AT	8DY38		2N6569	2N3055		06
8DX13						2N5301	40251		06
8DX13-4	S	N	AT			2N3055			06
8DX13-5	S	N	AT			2N3055			06
8DX13-6	S	N	AT			2N3055			06
8DX13-7	S	N	AT			2N3055			06
8DX14	S	P	SE, St, ML			2N3740			06
8DX16	S	P	SE, St, ML	8UX86					06
8DX18	S	P	PH, MU			2N3792			06
8DX18N	S	P	SE	8DX18		2N3792			06
8DX22	S	N	AT			(2N3442)	SE9051		06
8DX22-4	S	N	AT			(2N3442)			06
8DX22-5	S	N	AT			(2N3442)			06
8DX22-6	S	N	AT			(2N3442)			06
8DX23	S	N	AT	8UY87		2N5629			06
8DX23-4	S	N	AT	8UY87					06
8DX23-5	S	N	AT	8UY87					06
8DX23-6	S	N	AT	8UY87					06
8DX23-7	S	N	AT	8UY87					06
8DX24	S	N	AT			2N4913	2N3054		06
8DX24									06
8DX24-4	S	N	AT			2N5878			06
8DX24-5	S	N	AT			2N3054			06
8DX24-6	S	N	AT			2N3054			06
8DX24-7	S	N	AT			2N3054			06
8DX27	S	P	S			2N3879			06
8DX28	S	P	S			2N3879			06
8DX30	S	P	S			2N6500			06
8DX31	S	N	TX	18U208					06
8DX32	S	N	TX	18U208					06
8DX35	S	N	MU	8D441		2N5192			06
8DX36	S	N	MU	8D441		2N5192			06
8DX37	S	N	MU	8D441		2N5192			06
8DX40	S	N	AT			2N3772	(2N3055)		06
8DX40						2N5302			06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE		
8DX40-4	S	N	AT		(2N3055)		06		
8DX40-5	S	N	AT		(2N3055)		06		
8DX40-6	S	N	AT		(2N3055)		06		
8DX40-7	S	N	AT		(2N3055)		06		
8DX41	S	N	AT		2N5301		06		
8DX50	S	N	AT		2N5631	(2N3442)	06		
8DX50	S	N	AT		2N3773		06		
8DX50-4	S	N	AT		(2N3442)		06		
8DX50-5	S	N	AT		(2N3442)		06		
8DX50-6	S	N	AT		(2N3442)		06		
8DX50-7	S	N	AT		(2N3442)		06		
8DX51	S	N	AT		2N5630	2N3773	06		
8DX51	S	N	AT		2N4348		06		
8DX53	SD	N	AT	8DX33			06		
8DX53A	SD	N	SG, AT	8DX33A			06		
8DX53B	SD	N	SG, AT	8DX33B			06		
8DX53C	SD	N	SG, AT	8DX33C			06		
8DX54	SD	P	SG, AT	8DX34			06		
8DX54A	SD	P	SG, AT	8DX34A			06		
8DX54B	SD	P	SG, AT	8DX34B			06		
8DX54C	SD	P	SG, AT	8DX34C			06		
8DX60	S	N	AT, SG		2N5629	(2N3055)	06		
8DX60	S	N	AT, SG		2N6254		06		
8DX60-4	S	N	AT		(2N3055)		06		
8DX60-5	S	N	AT		(2N3055)		06		
8DX60-6	S	N	AT		(2N3055)		06		
8DX60-7	S	N	AT		(2N3055)		06		
8DX61	S	N	AT, SG		2N5686	(2N3055)	06		
8DX61-4	S	N	AT		(2N3055)		06		
8DX61-5	S	N	AT		(2N3055)		06		
8DX61-6	S	N	AT		(2N3055)		06		
8DX61-7	S	N	AT		(2N3055)		06		
8DX62	SD	P	PH, RA, MU, V		RC.A8350A		06		
8DX62A	SD	P	PH, RA, MU, V		RC.A8350B		06		
8DX63	SD	N	PH, RA, MU, V		2N5384		06		
8DX63A	SD	N	PH, RA, MU, V		2N5385		06		
8DX64	SD	P	PH, RA, MU, V	8DX84A			06		
8DX64A	SD	P	PH, RA, MU, V	8DX84B			06		
8DX64B	SD	P	PH, RA, MU, V	8DX84C			06		
8DX65	SD	N	PH, RA, MU, V	8DX83A			06		
8DX65A	SD	N	PH, RA, MU, V	8DX83B			06		
8DX65B	SD	N	PH, RA, MU, V	8DX83C			06		
8DX70	S	N	AT	8DX72	FT3056	2N5096	06		
8DX70	S	N	AT		2N8100		06		
8DX71	S	N	AT	8DX73	FT3055	2N5099	06		
8DX71	S	N	AT		2N5101		06		
8DX72	S	N	AT		2N6100		06		
8DX73	S	N	AT		2N8101		06		
8DX74	S	N	AT		2N8100		06		
8DX75	S	N	AT		2N6103		06		
8DX77	S	N	RA, PH, V	(8D441)	8D243B	2N6101	06		
8DX78	S	P	RA, PH, V	(8D442)	8D244B		06		
8DX78	S	N	RA, PH, V			2N6134	06		
8DY10	S	N	RA, AM, MU, PE, PH, V	8DY38	8DY30	2N6253	2N4907	06	
8DY10	S	N	RA, AM, MU, PE, PH, V			2N3055		06	
8DY11	S	N	MU, PH	8DX50		2N4909	2N3773	06	
8DY12	S	N	SE, S	BUX16	8D124	2N4910	2N3054	25C830H	06
8DY12	S	N	S	8LY47A					06
8DY12B	S	N	S	8DY12-6					06
8DY12C	S	N	S	8DY12-10					06
8DY12D	S	N	S	8DY12-16					06
8DY13	S	N	SE, S	BUX16	8D124	2N3054	2N3056	25C830H	06
8DY13	S	N	S	8DY13-6					06
8DY13B	S	N	S	8DY13-10					06
8DY13C	S	N	S	8DY13-16					06
8DY13D	S	N	S	8DY13-16					06
8DY15	S	N	IN, SE	8DY12	BUX16	2N4910	2N3054	25C830H	06
8DY15	S	N	IN	8LY47A	8D107				06
8DY15	S	N	IN	8D124					06
8DY15A	S	N	IN, IT	8DY12-10	8D107				06
8DY15B	S	N	IN, IT	8DY12-16	8D107				06
8DY15C	S	N	IN, IT	8DY12-16	8D107				06
8DY16	S	N	IN	8DY13	8D124	2N4911	2N4912		06
8DY16	S	N	IN	8D107		2N3055			06
8DY16A	S	N	IN, IT	8DY13-10	8D107				06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
80Y168	S	N	IN, IT	8DY13-16	8D107				06
80Y17	S	N	MU, PH, SE, RA, V	8UX16		2N3055	2N3771		06
80Y18	S	N	MU, PH, PE, RA, V	BUY57	8D130	2N5301			06
80Y18						2N3772	2N3055		06
80Y18						2N5302			06
80Y19	S	N	MU, PH, PE, V	BUY57	8D130	2N3773	2N3055		06
80Y20	S	N	SE, MU, PH	8UX16	8D130	2N3055			06
80Y20				8DX10	AM291				06
80Y23	S	N	SE, Ss, ML	BUY55	8DY92	2N4914	2N3448		06
80Y23A	S	N	SE	BUY55	8DY24	2N3448			06
80Y23B	S	N	SE	BUY55	8DY24	2N3448			06
80Y23C	S	N	SE	BUY55	8DY24	2N3448			06
80Y24	S	N	SE, Ss, ML	BUY55	8DY91	2N4915	2N3448		06
80Y24A	S	N	AT, SE	BUY55	8DY24	2N3448			06
80Y24B	S	N	SE	BUY55	8DY24	2N3448			06
80Y24C	S	N	SE	BUY55	8DY24	2N3448			06
80Y25	S	N	SE, Ss, ML	BUY56		2N4347	2N3442		06
80Y25	S	N	SE, Ss, ML	BUY56		2N3055			06
80Y25A	S	N	SE	BUY56	8UX16				06
80Y25B	S	N	SE	8UX16	BUY56				06
80Y25C	S	N	SE	BUY56	8UX16				06
80Y26	S	N	SE, Ss, ML	BUY72	8DY28	2N5157			06
80Y26A	S	N	SE	BUY72	8UX16				06
80Y26B	S	N	SE	BUY72	8UX16				06
80Y26C	S	N	SE	BUY72	8UX16				06
80Y27	S	N	SE, Ss, ML	BUY77	8DY28	2N5157			06
80Y27A	S	N	SE	BUY77	8UX16				06
80Y27B	S	N	SE	BUY77	8UX16				06
80Y27C	S	N	SE	BUY77	8UX16				06
80Y28	S	N	SE, Ss, ML	BUY78		2N5157			06
80Y28A	S	N	SE	BUY78	8UX16A				06
80Y28B	S	N	SE	BUY78	8UX16A				06
80Y28C	S	N	SE	BUY78	8UX16A				06
80Y34	S	N	TF	8DY12					06
80Y38	S	N	PH, RA, AM, MU,	8D130	8DY20	2N6253	2N4914	2SC865H	06
80Y38			PE, V			2N3056			06
80Y39	S	N	S	AM291	8DX10	2N3056			06
80Y63	S	N	SE, Ss, ML	BUY57	8DY56				06
80Y54	S	N	SE, Ss, ML	BUY58	8DY56				06
80Y56	S	N	SE, Ss, ML	BUY57	8DY56	2N3055			06, 14
80Y56				AM291	8DX10				06, 14
80Y56	S	N	SE, SG, Ss, ML	BUY57		2N5038	2N4347		06, 14
80Y56						2N3055			06, 14
80Y57	S	N	SE, Ss, ML	(8UY57)	8DY58	41012	2N5403		06, 14
80Y58	S	N	SE, SG, ML, Ss	(8UY57)		41013	2N4348		06, 14
80Y60	S	N	PH, MU, V	8DY13					06
80Y61	S	N	PH, MU, V	8DY13					06
80Y62	S	N	PH, MU, V	8DY13					06
80Y71	S	N	SE	BUY38		2N3054			06
80Y72	S	N	SE, ML, Ss			(2N3442)	2N3441		06
80Y73	S	N	SE	8DY20		2N3715	2N3056		06
80Y74	S	N	SE, ML, Ss	8DX50		2N3442	2N4347		06
80Y74						2N3772			06
80Y75	S	N				2N3771			06
80Y76	S	N	SE, ML, Ss			(2N3055)	2N3772		06
80Y76						2N5302			06
80Y77	S	N	SE, ML, Ss			2N3773	2N2773		06
80Y78	S	N	SE, ML, Ss			2N6373	2N3054		06
80Y79	S	N	SE, ML, Ss			(2N3442)	2N3583		06
80Y79						2N5050	2N3441		06
80Y80	S	N	SE	8D437					06
80Y80A	S	N	SE	8D437	8D589	2N5296	2N6123		06
80Y80B	S	N	SE	8D437	8D589	2N6123			06
80Y80C	S	N	SE	8D437	8D589	2N6123			06
80Y81	S	N	SE	8D439					06
80Y81A	S	N	SE	8D439	8D589	2N5298	2N6123		06
80Y81B	S	N	SE	8D439	8D589	2N6123			06
80Y81C	S	N	SE	8D439	8D589	2N6123			06
80Y82	S	P	SE	8D438					06
80Y82A	S	P	SE	8D438	8D590	2N6111	2N6126		06
80Y82B	S	P	SE	8D438	8D590	2N6126			06
80Y82C	S	P	SE	8D438	8D590	2N6126			06
80Y83	S	P	SE	8D440					06
80Y83A	S	P	SE	8D440	8D590	2N6109	2N6126		06
80Y83B	S	P	SE	8D440	8D590	2N6126			06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BDY83C	S	P	SE	80440	8D590	2N6126	06
BDY90	S	N	MU, PH, V, AM	BUY57			06
BDY91	S	N	MU, PH, V, RA, AM	BUY57		2N5038	06
BDY92	S	N	MU, PH, V, RA, AM	BUY57		2N5039	06
BDY93	S	N	MU, PH, V, RA, AM	BUY79	8U126		06, 14
BDY94	S	N	MU, PH, V, RA, AM	BUY79	8U126		06
BDY95	S	N	MU, PH, V, RA, AM	BUY77	8U126		06
BDY96	S	N	MU, PH, V, RA, AM	BUY76		2N6513	06, 14
BDY97	S	N	MU, PH, V, RA, AM	BUY76		2N6512	06
BDY98	S	N	MU, PH, V, RA, AM	BUY75		2N6511	06
BDY99	S	N	RA, PH, AM	BUY76		2N6511	06
BF108	S	N	SE, NU	BF117	BF109		06
BF108				BF114	(BF457)		02
BF108				BF178			02
BF109	S	N	PH, V, MU, PE	BF178	(BF457)		02
BF109				BFY43	BF114		02
BF109				BF117			02
BF110	S	N	TF, S, V	BF140	(BF457)		02
BF110				BF111	BF114		02
BF110				BF178	BF117		02
BF111	S	N	S	BF179C	BF456	2N3440	02
BF111				8D127	(BF458)		02
BF111				8BF178	BF257		02
BF111				8D115	BF178		02
BF114	S	N	TF, S, V	BF117	(BF457)		02
BF114				BF178	BF106		02
BF114				BF257	BF115		02
BF114				BFY43			02
BF115	S	N	PH, MU, V, S, TF	BF224	BF117	SE5056	2SC445
BF115				BF185	BF194		02
BF115				BF225			02
BF117	S	N	IN, IT, TX	BF179	(BF457)	SE7001	2SC154
BF117				BF178	BF257		02
BF118	S	N	IN, TX	BFJ79C	(BF458)	2N4927	2SC154C
BF118				BF178	SF8258		02
BF118				BF258	BF338		02
BF118				9F337			02
BF119	S	N	IN, TX	BF456	(BF457)	2N4927	02
BF119				9F337	BF178		02
BF120	S	N	IN	(BF458)	BF179	SE7056	2N5838
BF120				BF337			02
BF121	S	N	IN	BF224	(BF198)	2N4927	02
BF121				BF167	BF196	SE5056	2SC454
BF123	S	N	IN	BF197	BF173	SE50308	2SC464
BF123				BF196			02
BF125	S	N	IN, TX	BF314	(BF199)	SE5031	02
BF125				BF237	BF197		02
BF125				BF225	BF173		02
BF127	S	N	IN, TX	BF224	(BF198)	SE5056	2SC682
BF127				BF167	BF196		02
BF130	S	N		8C107A	BFY39		02
BF131	S	N		BFY39			02
BF132	S	N		BFY37	BCY58		02
BF133	S	N		8SX48	BFY37		02
BF134	S	N	IN	BFX62	BF173		02
BF134				BF115			02
BF136	S	N	IN	(BF198)	BFX60		02
BF136				RF167			02
BF137	S	N	IN, IT	BF115	(BF457)		02
BF137				BF173	BF257		02
BF137				BF179	BF194		02
BF138	S	N	IN	BF138	(BF198)		02
BF138				BFX60	BF167		02
BF140	S	N	SE	BFY43	(BF457)	2N257	02
BF140				BF114	BF178		02
BF140A	S	N	SE	(BF457)	BF179		02
BF140D	S	N	SE	BF118	(BF458)		02
BF140D				BF179	BF178		02
BF140D				BF179B			02
BF140R	S	N	NU	(BF457)	BF178		02
BF140S	S	N	NU	(BF457)	BF178		02
BF152	S	N	AT, SG	BF183	BFX62		02
BF152				BF224	BF256		02
BF153	S	N	AT, SG	BF194	BF255	2N5363	02
BF153				BF121	BF185		02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BF153				BF224			02
BF153				BF167			02
BF154	S	N	SG, AT	BC238A	BF224	MP56565	02
BF154				(BF241)	BF196	2N3564	02
BF154				BC172A	BF185		02
BF154				BC183A	BF295		02
BF155	S	N	SG, AT	BF225	(BFX62)	2N4134	02
BF155				BF180			02
BF155A	S	N	NU	(BF457)	BF178		02
BF155S	S	N	NU	(BF457)	BF178		02
BF156	S	N	SG, AT	BF178	(BF457)	SE7002	02
BF156				BF257	BF117		02
BF156				BFY43	BF140		02
BF156				BF179			02
BF157	S	N	SG, AT	BF173	BF179C		02
BF157				(BF457)	SF8257		02
BF157				BF257	BF179		02
BF157				BF170	BF179A		02
BF157B	S	N	SG, AT	(BF458)	BF179C		02
BF158	S	N	SG, AT	BF224	BF173	2N3563	02
BF158						40478	02
BF158				BF199	BF237		02
BF159	S	N	SG, AT	BF224	BF173	40478	02
BF159				BF199	BF237		02
BF160	S	N	SG, ME, NS, AT	BF237	(BF199)	40478	02
BF160				BF173	BF185		02
BF160				BF224	BF255		02
BF161	S	N	SG, AT	BF225	BF181	2N4134	02
BF161				BF183	BFX62		02
BF161				BF255			02
BF162	S	N	SG, AT	BF225	(BF240)		02
BF162				BF200	BFX62		02
BF163	S	N	SG, AT	BF198	(BF240)		02
BF163				BF225	BF167		02
BF163				BF196			02
BF164	S	N	SG, AT	BF224	(BF240)		02
BF164				BF225	BF167		02
BF164				BF198			02
BF166	S	N	SG, AT	BF185	(BF255)	MP56565	02
BF166				BC108A	BC182A	2N3564	02
BF166				BC107A	BF195		02
BF166				BC207A			02
BF166	S	N	SG, AT	BF167	BF173	2N4134	02
BF166				BF237	BF200		02
BF166				BF225	BFX62		02
BF167	S	N	MU, S, TF, V, AM	BF237	(BF198)	SE5056	02
BF167				BF224	BF189		02
BF167				BF200			02
BF168	S	N	SE, MN, ML, PE, PH, RA, SG, TX, TF, V, S	BF224	(BF199)		02
BF168				BF185	BF173		02
BF168				BF167			02
BF168				BC183A	BC237B	MP56520	02
BF169	S	N	SE	BF115	BC108		02
BF169				BC208A	BC108C		02
BF169A	S	N		BF185			02
BF169A				BF115			02
BF169R	S	N	SE	BC237B			02
BF170	S	N	SE	BF173	BF178		02
BF170				BF182C			02
BF173	S	N	MU, S, TF, V, AM, AT, SE, MN, ML, PE, PH, RA, TX	BF306	(BF199)	FT129	02
BF173				BF224	BF117	SE5031	02
BF173				BF384	BF140		02
BF173				BF170	BF179B		02
BF174	S	N	SG, TX, AT	(BF457)	BF178		02
BF174				BF457-9	BF257		02
BF174				BF8257	BF114		02
BF174				BF179A			02
BF175	S	N	SG, AT	(BF241)	BF167	2N4134	02
BF175				BF225		2N4012	02
BF175				BF224	(BF241)	SE5025	02
BF176	S	N	SG, AT	BF173	BF311		02
BF176							02
BF177	S	N	MU, PH, V, TF, TX, RA, AT, S, MN, PE	BF257	(BF457)	40380	02
BF177				BF179A	BF108	SE7002	02
BF177				BFY43	BF117		02
BF177				BF179C			02
BF178	S	N	MU, PH, V, TF, TX	BF140D	(BF458)	40412	02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN	JAPANESE	USE
BF 178			HA, ML, AT, Ss.	BF457-9	BF108			02
BF 178			MN, PE, S	BF 179C	SF8178			02
BF 179	S	N	S, RA, AT, Ss, MN,	SF8258	(BF458)			02
BF 179			MU, PH, V, TF, TX,	BF 179C	BF257			02
BF 179			ML, PE	BF148				02
BF 179A	S	N	TF, SG, PH, RA,	BF 118	(BF457)		2SC154C	02
BF 179A			ML, S, Ss	BF 179C	BF257			02
BF 179A				BF 179				02
BF 1798	S	N	TF, SG, PH, RA,	BF 118	(BF457)		2SC154C	02
BF 1798			ML, S, Ss	BF258	BF179C			02
BF 179C	S	N	TF, SG, PH, RA	(BF458)	BF258		2SC154C	02
BF 179C			ML, S, Ss	BF 118				02
BF 180	S	N	MU, PH, V, AT, Ss	(BFX62)	BF225	MT1061		02
BF 180			MN, ML, PE, RA,					02
BF 180			TX					02
BF 181	S	N	MU, PH, AT, MN,	(BFX62)	BF224	SE3005		02
BF 181			ML, V, Ss, PE, RA,	BF180				02
BF 181			TX					02
BF 182	S	N	PH, MU, V	BFX62		SE3005		02
BF 183	S	N	PH, MU, V	BFX62		SE3005		02
BF 184	S	N	MU, TF, V, AT, BL	BF234	(BF194)	SE5056	2SC480	02
BF 184			MN, PE, PH, RA, S	BF238	BF 115			02
BF 184				BF 187				02
BF 185	S	N	MU, PH, TF, V, AT	BF235	(BF196)	SE5056	40478	2SC535
BF 185			BL, MN, PE, RA, S	BF237	BF 115			02
BF 185				BF125	BF 167			02
BF 186	S	N	MU, PH, V, AT	BF 178	(BF458)		2SC1545	02
BF 186				BF225	SF8258			02
BF 186				BF 118	BF 111			02
BF 188	S	N	SE	BF200				02
BF 189	S	N	SE	BF224	BF 115			02
BF 189				BF 167	BF173			02
BF 189				BF 200	BF 184			02
BF 191	S	N		BF 225				02
BF 192	S	N		BF 225				02
BF 193	S	N		BF 225				02
BF 194	S	N	MU, S, TF, V	BF 184	BF 237	SE5056	2SC480	02
BF 194				BF 115	BF234			02
BF 194				BF 173	BF224			02
BF 194				BF 183	BF 189			02
BF 196	S	N	MU, PH, TF, V, AT	BF225	(BF198)	SE5056	2SC882	02
BF 196			PE, RA	BF329	BF 167			02
BF 196-01	S	N	EI	(BF188)				02
BF 197	S	N	MU, PH, TF, V, AT	BF224	(BF199)	SE50308	2SC464	02
BF 197			PE, RA, S	BF330	BF 173			02
BF 197-01			EI	(BF199)				02
BF 198	S	N	MU, S, TF, V	BF163	BF 167	SE5056		02
BF 198				BF225				02
BF 199	S	N	MU, S, TF, V	BF 197	BF 173	SE50308		02
BF 199				BF224				02
BF 200	S	N	MU, PH, V, AT, PE	BF237	(BFX62)	SE5020	SE5024	02
BF 200			MN, ML, RA, Ss	BF238	BF 162			02
BF 200				BF 224				02
BF 206	S	N	SE	(BFX62)	BF384			02
BF 206				BF 200				02
BF 207	S	N	SE	(BF198)	BF224			02
BF 207				BF 200				02
BF 208	S	N	SE	(BF199)	BF224			02
BF 208				BF 200				02
BF 209	S	N	SE	(BFX62)	BF224			02
BF 209				BF 200				02
BF 210	S	N		BF 224				02
BF 211	S	N		BF 224				02
BF 212	S	N	SE	(BFX62)	BF384			02
BF 212				BF 200				02
BF 213	S	N	SE	(BFX62)	BF384			02
BF 213				BF 180				02
BF 214	S	N	SE	BF 183	(BF254)			02
BF 214				BF 184	BF 194			02
BF 215	S	N	SE	(BF256)	BF 185			02
BF 215				BF 195				02
BF 216	S	N	TH, AE	(BF255)				02
BF 217	S	N	TH, AE	(BF254)				02
BF 218	S	N	TH, AE	(BF255)				02
BF 219	S	N	TH, AE	(BF254)				02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN	JAPANESE	USE
BF220	S	N	TM, AE	(BF255)				02
BF222	S	N	AT	BF225	SF8222			02
BF222				BF200	BFX62			02
BF222				BF195				02
BF223	S	N	TF	BF224	(BF199)	SE50308		02
BF223				BF189	BF197			02
BF223				BF523	BF232			02
BF223				BF173				02
BF224	S	N	TX	(BF199)	BF173	SE50308	25C682	02
BF224J	S	N		BF173				02
BF224JF	S	N		BF173				02
BF226	S	N	TX	BF163	(BF198)	SE5056	40487	02
BF226				BF196	BF167			02
BF226				BF224				02
BF226J	S	N		BF167				02
BF226JF	S	N		BF167				02
BF226	S	N	SE	(BF225)	BF185			02
BF227	S	N	TF	BF227	BF199	2N5830		02
BF227				BF224	BF137			02
BF227				BF384	BF173			02
BF228	S	N	TF	BSX21	BF177	2N5830	2N1990R	02
BF228				BSW49	BSW32			02
BF229	S	N	TF	BF194	BF254	SE5056		02
BF229				BF184	BF163			02
BF229				BF254				02
BF230	S	N	TF	BF185	BF255	SE5056		02
BF230				BF163	BF195			02
BF231	S	N	IS, AT, S, TX	(BF199)				02
BF232	S	N	SG, S, RZ, TX	(BF199)	BF173		25C484	02
BF232				BF224				02
BF233	S	N	SE, SG, RZ	BF184	BF254		25C464	02
BF233				BF237	BF238			02
BF233-2	S	N	SE, SG, AT	BF254	BF184			02
BF233-3	S	N	SE, SG, AT	BF254	BF184			02
BF233-4	S	N	SE, SG, AT	BF254	BF184			02
BF233-6	S	N	SE, SG, AT	BF254	BF184			02
BF233-6	S	N	SE, SG, AT	(BF254)	BF184			02
BF234	S	N	SE, SG	BF254	BF184			02
BF234				BF194	BF229			02
BF235	S	N	SE, SG	BF184	BF185			02
BF235				BF255				02
BF236	S	N	SE, SG	BF185	BF255			02
BF237	S	N	TX	BF241	(BF199)	SE5056		02
BF237				BF115	BF163			02
BF237				BF195	BF194			02
BF237				BF185				02
BF238	S	N	TX	BF240	(BF199)	SE5056		02
BF238				BF115	BF163			02
BF238				BF194	BF195			02
BF238				BF184				02
BF240	S	N	S, TF, TX, V	BF167	BF238	SE5056		02
BF241	S	N	S, TF, TX, V	BF173	BF237	SE60308		02
BF241				BF167				02
BF241A	S	N	IS, RZ	BCY65EVII				02
BF242	S	N	IS, RZ	BCY59VIII				02
BF242A	S	N	IS, RZ	BCY65EVII				02
BF243	J	P	RZ			2N3588		02
BF244	J	N	RZ	BF245				02
BF245	J	N	MU, V, TX	BF244				02
BF246	J	N	V, TX	BF247				02
BF247	J	N	TX	BF246				02
BF248	S	N	TX	BC338-16	BSW64	2N2222A		02
BF248-1	S	N	TX	BC338-16				02
BF248-2	S	N	TX	BC338-16				02
BF248-3	S	N	TX	BC338-16				02
BF248-4	S	N	TX	BC338-25				02
BF249	S	P	TX	BC328-16	BSW24	2N2907A		02
BF249-1	S	P	TX	BC328-16				02
BF249-2	S	P	TX	BC328-16				02
BF249-3	S	P	TX	BC328-16				02
BF249-4	S	P	TX	BC328-25				02
BF250	S	N	TX	BC338-16				02
BF251	S	N	SG, AT	(BF240)	BC109	2N930		02
BF252	S	N	SG, AT	(BF240)	BF167	SE5056		02
BF253	S	N	TX, SE	(BF254)	BF184			02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BF254	S	N	S, TF, TX, V	BF 184	BF 163	SE5056		02	
BF254				BF 194	BF237			02	
BF255	S	N	S, TF, TX, V	BF238	BF163	SE5056		02	
BF255				BF 185	BF196			02	
BF257	S	N	PH, TF, TX, V, IT	(BF457)	SF8257			02	
BF257			S, IN, PE, F	BD115				02	
BF257A	S	N	TX	(BF458)				02	
BF257B	S	N	TX	(BF458)				02	
BF257C	S	N	TX	(BF458)				02	
BF257D	S	N	TX	(BF457)				02	
BF257G	S	N	TX	(BF458)				02	
BF257N	S	N	TX	(BF458)				02	
BF257S	S	N	TX	(BF457)				02	
BF258	S	N	PH, TF, TX, V, IT	BF259	(BF458)			02	
BF258			IN, PE, S, F	SBF258	BF338			02	
BF258A	S	N	TX	(BF459)				02	
BF259	S	N	PH, TF, TX, V, IT,	(BF459)	BF258	SE7056		02	
BF259			IN, PE, S, F	BF338				02	
BF259A	S	N	TX	(BF459)				02	
BF259G	S	N	TX	(BF459)				02	
BF260	S	N	AT	BF199	BF167	SE5056		02	
BF260				BF173	BF200			02	
BF261	S	N	AT	BF167	BF173	SE5056		02	
BF261				BF199				02	
BF262	S	N	MU	BF362				02	
BF263	S	N	MU	BF363				02	
BF264	S	N	MU	BF363				02	
BF266	S	N	IS, RZ	(BF240)				02	
BF267	S	N	IS, RZ	(BF198)				02	
BF268	S	N		BFY90		2N2857		02	
BF270	S	N	SG, AT	BF164	BF198	SE5056		02	
BF271	S	N	SG, AT	BF173	BF199	FT129	SE50308	02	
BF273	S	N	SG, ME, AT	(BF255)	BF200			02	
BF273C	S	N	SG, AT	(BF254)	BF200			02	
BF273D	S	N	SG, AT	(BF285)	BF200			02	
BF274	S	N	SG, ME, AT	(BF254)	BF173			02	
BF274B	S	N	SG, AT	(BF254)	BF173			02	
BF274C	S	N	SG, AT	(BF254)	BF173			02	
BF275	S	N	IS, RZ	(BF240)				02	
BF287	S	N	SG, AT	(BF241)	BF167	2N4134		02	
BF287				BF200				02	
BF288	S	N	SG, AT	(BF240)	BF163	SE5056		02	
BF288				BF200				02	
BF290	S	N	SG, AT	(BF198)	BF183	SE5031		02	
BF291	S	N	SG, AT	BC237A	BFX93	2N915	2N918	02	
BF291A	S	N	SG, AT	BC237A	BFX93	2N918		02	
BF291B	S	N	SG, AT	BC237A	BFX93	2N918		02	
BF292	S	N	SG, AT, TX	(BF458)	BF258			02	
BF292A	S	N	SG, AT, TX	(BF457)	BF257	SE7001		02	
BF292B	S	N	SG, AT, TX	(BF458)				02	
BF292B1	S	N	SG, AT, TX	SBF178	BF258			02	
BF292C	S	N	SG, AT, TX	(BF458)	BF258			02	
BF293	S	N	AG, AT	BC237A	BSW64	SE7065		02	
BF293A	S	N	SG, AT	BC237A	BSW64	2N2222A		02	
BF293D	S	N	SG, AT	BC237A	BSW64	2N2222A		02	
BF294	S	N	SG, AT	(BF457)	BF257			02	
BF297	S	N	TX	(BF457)	BF118			02	
BF297				BF257				02	
BF298	S	N	TX	(BF458)	BF118			02	
BF298				BF258				02	
BF299	S	N	TX	(BF459)	BF299			02	
BF302	S	N	AT	(BF199)	BF100	FT129		02	
BF302				BF167				02	
BF303	S	N	AT	(BF199)	BF184	FT129	SE5031	02	
BF304	S	N	AT	(BF199)	BF173	FT129	SE5031	02	
BF304				BF167				02	
BF305	S	N	AT, SG	(BF458)	BF257			02	
BF305				SBF257				02	
BF306	S	N	AT	(BF199)	BF173	FT129	SE5031	02	
BF308	S	N	SG, AT	(BF199)	BFY90	2N2857		02	
BF308				(BF199)				02	
BF309	S	N	SG, AT	(BF199)	BFY90			02	
BF310	S	N	S, TF	BF181	BF173	SE50308		02	
BF311	S	N	TF, V	(BF199)	BF173	SE50308	2SC856	02	
BF311				BF224				02	
BF314	S	N	S, TF	BF200				02	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BF321	S	N	SE	(BF255)			02
BF321A	S	N	SE	(BF255)	BF200		02
BF321B	S	N	SE	(BF254)	BF200		02
BF321C	S	N	SE	(BF254)	BF200		02
BF321D	S	N	SE	(BF254)	BF200		02
BF321E	S	N	SE	(BF254)	BF200		02
BF321F	S	N	SE	(BF254)	BF200		02
BF322	S	N	TX	BCW77-16	BSW54	40317	2N2219A
BF322-1	S	N	TX	BCW77-16			02
BF322-2	S	N	TX	BCW77-16			02
BF322-3	S	N	TX	BCW77-16			02
BF322-4	S	N	TX	BCW25			02
BF323	S	N	TX	BCW79-16	BFX29	40319	2N2905A
BF323-1	S	N	TX	BCW79-16			02
BF323-2	S	N	TX	BCW79-16			02
BF323-3	S	N	TX	BCW79-16			02
BF323-4	S	N	TX	BCW79-25			02
BF325	S	N	TX	(BF240)	BF200		02
BF329	S	N	AT	(BF198)	BF167	SE5056	02
BF329	S	N	AT	(BF196)	BF225		02
BF330	S	N	AT	(BF199)	BF173	SE5031	02
BF330	S	N	AT	(BF197)	BF224		02
BF332	S	N	AT	BF184	BF194		02
BF332	S	N	AT	BF152	BF384		02
BF332B	S	N	AT	BF194	BF184		02
BF333	S	N	AT	BF185	BF195		02
BF333	S	N	AT	BF160	BF224		02
BF333C	S	N	AT	BF195	BF184		02
BF333D	S	N	AT	BF195			02
BF334	S	N	PH, V, PE	BF199	BF224	SE5056	02
BF334	S	N	PH, V, PE	BF184			02
BF335	S	N	PH, V, PE	BF198	BF185	SE5056	02
BF336	S	N	MU, PH, V, TX, RA	(BF458)	BF258	2N4927	02
BF336	S	N	AM, PE, F				02
BF337	S	N	MU, PH, V, TX, RA	(BF458)	BF258	2N4927	02
BF337	S	N	AM, PE, F	(BF239)			02
BF338	S	N	MU, PH, V, AM, PE	(BF459)	BF258	2N4927	02
BF338	S	N	F	(BF459)	BF258	2N4927	02
BF339	S	N	TX	(BF324)			02
BF340	S	N	TX	(BF451)			02
BF341	S	N	TX	(BF450)			02
BF342	S	N	TX	(BF451)			02
BF343	S	N	TX	(BF450)			02
BF344	S	N	AT	(BF254)	BF184		02
BF345	S	N	AT	(BF255)	BF185		02
BF355	S	N	RA, MU			2N3440	02
BF357	S	N	TX	BFY90		2N2857	02
BF357K	S	N	TX	BFY90		2N2857	02
BF365	S	N	LI, RA	BF254			02
BF366	S	N	MD	(BF198)	BF200		02
BF367	S	N	MO	BF196	BF200		02
BF368	S	N	MO	(BF255)	BF200		02
BF368K	S	N	MO	BF255	BF200		02
BF369	S	N	MO	(BF254)	BF200		02
BF369K	S	N	MO	BF254	BF200		02
BF371	S	N	MO	(BF199)	BF173		02
BF373	S	N	MO	(BF241)	BF173		02
BF377	S	N	TF	(BFX89)	BF183		02
BF378	S	N	TF	(BFX89)	BF183		02
BF379	S	N	TF	(BF451)			02
BF380	S	N	MO	BF258		RCP113A	02
BF381	S	N	MO	BF258		RCP113B	02
BF382	S	N	MO	BF258		RCP113C	02
BF384	S	N	TX	(BF254)	BF184		02
BF385	S	N	TX	(BF255)	BF185		02
BF387	S	N	AT	(BF457)	BF257		02
BF388	S	N	AT	(BF457)	BF257		02
BF389B	S	N	AT	(BF458)	BF258		02
BF389C	S	N	AT	(BF458)	BF258		02
BF390	S	N	AT	BF259			02
BF394	S	N	MO	BF254	BF184	SE7056	02
BF394A	S	N	MO	BF184			02
BF394B	S	N	MO	BF184			02
BF394C	S	N	MO	BF184			02
BF396	S	N	MO	BF266	BF185		02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BF395C	S	N	MD	BF184			
BF411	S	N	TF	(BF457)			
BF412	S	N	TF	(BF457)			02
BF413	S	N	TF	(BF458)			02
BF414	S	P	TF	BF324			02
BF440	S	P	TF	BF450			02
BF441	S	P	TF	BF451			02
BF454	S	N	S, AT, V, 1N	BF240			02
BF454B	S	N	AT	BF240			02
BF455	S	N	AT	BF241			02
BF455C	S	N	AT	BF241			02
BF455D	S	N	AT	BF241			02
BF456	S	N	TX	BF457			02
BF457	S	N	TX, S, V	BD232	BD232		02
BF458	S	N	TX, S, V	BD115	BD232		02
BF459	S	N	TX, S, V	BF338	BD232		02
BF494	S	N	PH, V	BF254			
BF495	S	N	PH, V	BF255			02
BF497	S	N	SG, AT	(BF199)	BF173		02
BF523	S	N	TX	(BF240)	BC107C		02
BF540	S	P	TX	(BF451)			02
BF541	S	P	TX	(BF450)			02
BF542	S	P	TX	(BF450)			02
BF594	S	N	TX	BF254	BF184		02
BF595	S	N	TX	BF255	BF185		02
BF596	S	N	TX	(BF198)	BF167		02
BF597	S	N	TX	(BF199)	BF173		02
BF597A	S	N	TX	(BF199)			02
BF597B	S	N	TX	(BF199)			02
BF694	S	N	TX	(BF199)			02
BF694A	S	N	TX	(BF199)			02
BF694B	S	N	TX	(BF199)			02
BFJ45	S	N	S, RZ	BSX45-6			02
BFJ46	S	N	S, RZ	BSX45-16			02
BFJ47	S	N	S, RZ	BSX47-10			02
BFJ48	S	N	S, RZ	BSX47-6			02
BFJ49	S	N	S, RZ	BSX47-10			02
BFJ50	S	N	S, RZ	BSX47-6			02
BFJ57	S	N	S, RZ	(BF457)			02
BFJ64	S	P	S, RZ	(BCW80-16)			02
BFJ70	S	N	S, RZ	(BF199)			02
BFJ72	S	N	S, RZ	BCY59VII			02
BFJ73	S	N	S, RZ	BCY59VIII			02
BFJ74	S	N	S, RZ	(BC182A)			02
BFJ75	S	N	S, RZ	(BC182A)			02
BFJ77	S	N	S, RZ	BFY90			02
BFJ78	S	N	S, RZ	BFY90			02
BFJ79	S	N	S, RZ	BFY90			02
BFJ92	S	N	S, RZ	BCY59VII			02
BFJ93	S	N	S, RZ	BCY59VIII			02
BFJ98	S	N	S, RZ	(BF457)			02
BFR10	S	N	SG, AT, TX	(BCW78-16)			02
BFR11	S	N	SG, AT, TX	(BCW74-10)			02
BFR14	S	N	S	BFR14A			02
BFR16	S	N	SG, S, AT, TX	(BC4148)	BC109	2N930	02
BFR17	S	N	SG, AT, TX	(BC414C)	BC109C	2N930	02
BFR18	S	N	SG, AT, TX	BSX46-10	BSX88	2N731	02
BFR19	S	N	SG, AT, TX	BSX45-6	BFY51	2N1613	02
BFR20	S	N	SG, AT, TX	BSX45-16	BFY51	2N1711	02
BFR21	S	N	SG, AT, TX	BSX47-6	BFY65	2N1893	02
BFR22	S	N	AT, TX	BSX47-6	BSW66	2N2102	02
BFR23	S	P	AT, TX	BSV17-6		2N4036	02
BFR24	S	N	AT, TX	BSV16-10	BFR23	2N4037	02
BFR25	S	N	AT, TX	(BF457)		2N4390	02
BFR27	S	N	LI	(BF457)			02
BFR36	S	N	SG, AT	(BFW16A)			02
BFR45	J	N	TX				02
BFR50	S	N	TX	(BSX46-6)	BFY51	2N4416	02
BFR51	S	N	TX	(BSX46-6)	BFY50	2N2297	02
BFR52	S	N	TX	(BSX45-10)	BFY50	2N2297	02
BFR53	S	N	PH, V	(BFR35)			02
BFR56	S	N	TX	(BSY34)			02
BFR57	S	N	TX	(BF457)	BFY51	2N5321	02
BFR58	S	N	TX	(BF458)	BF257	2N2297	02
BFR59	S	N	TX	(BF489)	BF258		02
				BF259			02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
8FR60	S	P	TX	BSV17-6			
8FR61	S	P	TX	BSV16-6			02
8FR62	S	P	TX	BSV15-10			07
8FR67	S	N	SG, AT	(BC167)			02
8FR67A	S	N	SG, AT	(BC167A)			07
8FR67B	S	N	SG, AT	(BC167B)			
8FR68	S	N	SG, AT	(BC168)			02
8FR68A	S	N	SG, AT	(BC168A)			02
8FR68B	S	N	SG, AT	(BC168B)			02
8FR68C	S	N	SG, AT	(BC168C)			07
8FR69	S	P	SG, AT	(BC257)			
8FR69A	S	P	SG, AT	(BC257A)			02
8F1898	S	P	SG, AT	(BC257B)			02
8FR69V1	S	P	SG, AT	(BC257A)			02
8FR70	S	P	SG, AT	(BC268)			02
8FR70A	S	P	SG, AT	(BC268A)			02
8FR70B	S	P	SG, AT	(BC268B)			02
8FR70V1	S	P	SG, AT	(BC268A)			02
8FR71	S	N	SG, AT	(BC167A)			02
8FR72	S	N	SG, AT	(BC167A)			02
8FR73	S	P	SG, AT	(BC257A)			02
8FR74	S	P	SG, AT	(BC257A)			02
8FR77	S	N	SG, AT	BSX47-6	2N1893		02
8FR78	S	N	SG, AT	BSX47-6	2N2405		02
8FR79	S	P	TX	(BSV17-10)			02
8FR80	S	P	TX	(BSV17-10)			
8FR81	S	P	TX	(BSV15-16)			02
8FR86	S	N	TX	(BF457)			02
8FR87	S	N	TX	(BF457)			02
8FR88	S	N	TX	(BF458)			02
8FR89	S	N	TX	(BF459)			02
8FR90	S	N	MU, PH, V	(BFR34A)			02
8FR91	S	N	MU, PH, V	(BFR34A)			02
8FR92	S	N	MU, PH, V	(BFR35A)			02
8FR93	S	N	MU, PH, V	(BFR35A)	BFR92		02
8FS10	S	N	SG, AT	(BFX55)			02
8FS11	S	N	AT	(BF198)	2N3866		02
8FS12	S	P	SG, AT	BSV15 16			02
8FS13E	S	N	SG, AT	(BC123ye)	2N5042		02
8FS14E	S	P	SG, AT	(BC203ye)			02
8FS18	S	N	PH, V, RA	(BF520)			02
8FS18B	S	N		BF520R	BFS20R		02
8FS19	S	N	PH, V, RA, S	BF520	BFS20R		02
8FS19R	S	N	MU	BF520R			02
8FS20	S	N	PH, S, V	BF520R			02
8FS21	S	N	PH, V, MU				
8FS21A	S	N	PH, V, MU		2N5199		
8FS37A	S	P	FE	8FS37	2N5199		
8FS38A	S	N	FE	8FS38			
8FS39	S	N	FE	8FS38			
8FS40A	S	P	FE	8FS40			
8FS41	S	P	FE	8FS40			
8FS42	S	N	FE	8FS43			
8FS44	S	P	FE	8FS45			
8FS46A	S	N	FE	8FS46			
8FS47	S	N		BSX21			
8FS48	S	P					
8FS50	S	N	TF	(BFX55)	2N4031		
8FS52	S	P			2N2904		02
8FS53	S	P			2N2905		
8FS59	S	N	FE	BCX73-16	BC387	2N4401	02
8FS59K	S	N	FE	BCX73-16			02
8FS59L	S	N	FE	BCX73-16			02
8FS59M	S	N	FE	BCX73-16			02
8FS60	S	N	FE	BCX74-16	BC387	2N4401	02
8FS60K	S	N	FE	BCX74-16			02
8FS60L	S	N	FE	BCX74-16			02
8FS60M	S	N	FE	BCX74-16			02
8FS61	S	N	FE	BC387		2N4401	02
8FS62	S	N	TF	(BF199)			02
8FS66	S	N	LI	BF589			02
8FS67	J	N	TX			2N3821	
8FS67P	J	N	TX			2N4303	
8FS68	J	N	TX			2N3823	
8FS68P	J	N	TX			U1837E	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BF570	J	N	TX				
BF571	J	N	TX			2N3821	
BF572	J	N	TX			2N3822	
BF573	J	N	TX			2N3823	
BF574	J	N	TX			2N3824	
						2N4856	
BF575	J	N	TX				
BF576	J	N	TX			2N4857	
BF577	J	N	TX			2N4858	
BF578	J	N	TX			2N4859	
BF579	J	N	TX			2N4860	
						2N4861	
BF580	J	N	TX				
BF585	S	N	FE			2N4416A	
BF589	S	N	TX, AT	BF588 (BF459) BF259	BD115		
BF590	S	P	TX				02
BF590A	S	P	TX			40987	02
BF591	S	P	TX			40987	02
BF591A	S	P	TX			40999	02
BF592	S	P	TX			40999	02
BF593	S	P	PH, V, RA, PE, MU	BSV17-6		2N4036	02
				BSV17-10		2N4314	02
BF594	S	P	PH, V, RA, PE, MU,	BSV17-6	BF595	2N4037	02
BF594	S	P	TX			2N4036	02
BF595	S	P	PH, V, RA, PE, MU,	BSV15-10		2N4037	02
BF595	S	P	TX			2N4037	02
BF596	S	P	FE	BCX76-10		2N4036	02
BF596K	S	P	FE			2N4403	02
BF596L	S	P	FE	BCX76-16			02
BF596M	S	P	FE	BCX76-16			02
BF597	S	P	FE	BCX76-16			02
BF597K	S	P	FE	BCX76-16		2N4403	02
				BCX76-16			02
BF597L	S	P	FE	BCX76-16			02
BF597M	S	P	FE	BCX76-16			02
BF598	S	P	FE				02
BF599	S	N	AT, TX	(BF457)	BC394	2N4403	02
BF720	S	P	TX	(BCX76-16)		2N5830	02
				(BCX75-16)		2N4390	02
BF721	S	P	TX	(BCX75-16)			02
BF722	S	P	TX	(BCX75-16)			02
BF723	S	N	MU	(BCX75-16)			02
BF729	S	N	TX	(BF435)			02
BF730	S	N	TX				02
BF731	S	N	TX				02
BF732	S	N	TX				02
BF733	S	N	TX			40635	02
BF734	S	N	TX			40409	02
BF735	S	P	TX			2N2405	02
						2N4314	02
BF736	S	P	TX				02
BF739	S	N	TX			40410	02
BF740	S	N	TX	BSW54		40409	02
BF741	S	N	TX	BSX46-10	BSW54	40628	02
BF747	S	N	SE	BSX46-16	BSW54	40628	02
				(BF457)	BF757		02
BF748	S	N	SE	(BF458)	BF258		02
BF749	S	N	SE	(BF458)	BF259		02
BFT53	S	N	TX	(BCX74 16)			02
BFT54	S	N	TX	(BCX73-16)			02
BFT55	S	N	TX	(BCX73-16)			02
BF780	S	P	TX				02
BF781	S	P	TX	BSV17-10	BF595	2N4037	02
BF782	S	P	TX	BSV16-6	BF595	2N4037	02
BF789	S	P	TX	BSV15-10	BF595	2N4036	02
BF770	S	P	TX	(BSV17-10)		40815	02
				(BSV17-10)		2N4036	02
BF771	S	P	TX				02
BF779	S	P	TX	(BSV16-16)			02
BF780	S	P	TX	BSV17-10	BF593	2N4037	02
BF781	S	P	TX	BSV17-10	BF593	40815	02
BFV56	S	N	TX	RSV16-16	BF596	2N4036	02
				(BSX49)	BF596	(2N3252)	02
BFV56A	S	N	TX				02
BFV57	S	N	TX	(BSX49)		(2N3253)	02
BFV57A	S	N	TX	(BSX49)		(2N4013)	02
BFV63	S	N	TX	(BSX49)		(2N4014)	02
BFV63A	S	N	TX	BCW73-16		(2N2222)	02
				BCW74-16		(2N2222A)	02
BFV63B	S	N	TX				02
BFV64	S	P	TX	BCW73-16		(2N2221)	02
BFV64A	S	P	TX	BCW76-16		(2N2907A)	02
BFV64B	S	P	TX	(BCW76-16)		(2N2807A)	02
BFV65	S	N	TX	BCW76-16		(2N2906)	02
				(BSV63)		(2N914)	02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BFV65A	S	N	TX	(8SY63)	(2N2369)		02
BFV66B	S	N	TX	(8SY63)	(2N2369A)		02
BFV66	S	N	TX	(8SX49)	(2N2539)		02
BFV66A	S	N	TX	(8SX49)	(2N2540)		02
BFV67	S	N	TX	(8SY14)	(2N709)		02
BFV68	S	N	TX	8C4148	(2N930)		02
BFV68A	S	N	TX	8C4148	(2N2484)		02
BFV69	S	N	TX	(8F X89)	(2N918)		07
BFV69A	S	N	TX	(8F X89)	(2N2865)		02
BFV90	S	N	TX	(8SY34)			02
BFV90A	S	N	TX	(8SY34)	8SW54	2N2219A	02
BFV90B	S	N	TX	(8SY34)	8SW54	2N2219A	02
BFV99	S	N	TX	(8SX46-6)			02
BFW10	J	N	PH, MU, V		2N4416	2N3823	02
BFW11	J	N	PH, MU, V		2N4416	2N3822	02
BFW16	S	N	PH, MU, V, AM, PE	8FW16A		2N4875	02
BFW16A	S	N	PH, MU, V, S	8FY39	BFY40	2N918	02
BFW17	S	N	MU, PH, V, AM, PE	8FW16A		2N3866	02
BFW17A	S	N	MU, PH, V, RA, PE	8FW16A	BFY39	2N918	02
BFW19	S	N	AT			2N3137	02
8FW20	S	P	MO, SG, TX, TD	(8C416B)	BCY71	2N3962	02
8FW21	S	P	TX, TD	8CY70		2N3963	02
8FW22	S	P	MO, SG, TX, TD	8C416C	BCY70	2N3964	02
8FW23	S	P	MO, SG, TX, TD	(8C416C)	BCY70	2N3965	07
8FW24	S	N	MO, SG, TX, TD	8SX46-6	8FX85	2N2193	02
8FW24						2N1893	02
8FW24						2N2193A	02
8FW25	S	N	MO, SG, TD	8SX45-16	8FY51	2N2192	02
8FW25						2N2297	02
8FW25						2N2192A	02
8FW26	S	N	MO, SG, TD	8SX45-6		2N2193	02
8FW26						2N2297	02
8FW26						2N2193A	02
8FW29	S	N	TX, LI, TD	8SX45-6		2N2219A	02
8FW30	S	N	MU, S, PH, V	8FY89	BFY37	2N918	02
8FW31	S	P	TX, TD	8CW76-16	8SW24	2N2907	02
8FW32	S	N	TX, TD	8CW73-16		2N2222	02
8FW33	S	N	TX, SG, TD	8SX47-6	8F X85	2N1893	07
8FW34	S	N	LI	8SX45	8SX45-6	2N4432	02
8FW34				8FY51		2N2297	02
8FW35	S	N	LI	8SX45	8SX45-10	2N5203	02
8FW35				8FY51		2N2297	02
8FW36	S	N	LI, TD	(8F458)		2N5073	02
8FW36						2N5059	07
8FW37	S	N	LI, TD	(8F457)		2N3114	02
8FW38	S	N	LI	(8F458)			02
8FW39	S	N	TD			2N2915	02
8FW39A	S	N	TD			2N2919A	02
8FW40	S	N	TD			2N2916	02
8FW40A	S	N	TD			2N2916	02
8FW41	S	N	LI, TD	8FY90		2N918	02
8FW42	S	N	LI	(8FW16A)			02
8FW43	S	P	TX, AT			2N4357	02
8FW43						2N5059	02
8FW44	S	P	S, SG, TX, AT	8FT19		2N4358	02
8FW44						2N5060	02
8FW44						SE 7001	02
8FW45	S	N	MU, PH, V, RA, AM	(8F457)	BF257		02
8FW45				8F174			02
8FW46	S	N	MO, TX, V, PH	8SX72		2N3924	02
8FW47	S	N	MO, TX, V, PH			2N3553	02
8FW47						2N719A	02
8FW47						40478	02
8FW51	S	N	TD			2N2974	02
8FW51A	S	N	TD			2N2978	02
8FW52	S	N	TD			2N2975	02
8FW52A	S	N	TD			2N2979	02
8FW54	J	N	TX			2N3822	02
8FW55	J	N	TX			2N3822	02
8FW56	J	N	TX			2N5393	02
8FW57	S	N	MU, PH, MN, PE	(8C337-16)		SE6020	02
8FW58	S	N	MU, PH, MN, PE	(8C337-16)	8FW57	SE6020	02
8FW59	S	N	MU, PH, MN, PE	8C337-16	8FW57	SE6020	02
8FW60	S	N	MU, PH, MN, PE	8C337-16	8C147A	SE6020	02
8FW60				8FW57			02
8FW61	S	N	PH, MU, V			2N4222	02
8FW63	S	N	SG, AT	(8F198)		FT129	02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BFX55	S	N	S	BFS23	2N3866		
BFX59	S	N	S	BFX89	2N918		
BFX60	S	N	S	BF173	F T129	FT129	
BFX61	S	N	SE	BSK47-6	2N1893	2N918	
BFX62	S	N	S	BF180			02
BFX63	S	N	V, MU		3SK20		
BFX65	S	P	TF, TX	BC179	2N3965		
BFX66	S	N	MO, AT		2N986		
BFX67	S	N	MO, AT		2N997		
BFX68	S	N	SG, TX, AT, MO	BSX45-16	BFY51	2N1711	2N2297
BFX68A	S	N	SG, AT, TX	BSX45-16	BFY51	2N1711	2N2297
BFX69	S	N	SG, TX, MO, AT	BSX45-6	BFY51	2N897	2N1613
BFX69	S	N	SG, TX, MO, AT	BSX45-6	BFY51	2N2297	
BFX69A	S	N	SG, TX, MO, AT	BSX45-6	BFY51	2N1613	2N3110
BFX69A	S	N	SG, TX, MO, AT	BSX45-6	BFY51	2N2297	
BFX70	S	N	MO, TX, AT		2N2060		
BFX71	S	N	MO, TX, AT		2N2223		
BFX72	S	N	MO, TX, AT		2N2223A		
BFX73	S	N	SG, TX, AT, MO	BFY90	2N918		
BFX74	S	P	SG, TX, MO, AT	BSV16-6	BF596	2N4037	2N1131
BFX74	S	P	SG, TX, MO, AT	BSV16-6	BFX29	2N4036	
BFX74A	S	P	SG, TX, MO, AT	BSV16-6	BFX29	2N4314	2N1132
BFX74A	S	P	SG, TX, MO, AT	BSV16-6	BFX29	2N2905A	
BFX77	S	N	SE, TD	(BF198)	BF115	2N918	
BFX77	S	N	SE, TD	BF173			
BFX82	S	P	AT			2N4381	
BFX83	S	P	AT			2N4382	
BFX84	S	N	MU, FE, ME, MN	BSK46-6	BFY50	2N3108	2N2297
BFX84	S	N	NS, NT, SG, TX				
BFX85	S	N	MU, TX, SG, FE	BSK46-10	BSW66	2N2405	2N3107
BFX85	S	N	ME, MN, NS, NT			2N4001	
BFX86	S	N	MU, TX, SG, ME	BSX45-10	BFX85	2N1711	2N3109
BFX86	S	N	MN, NS, NT			2N2297	
BFX87	S	P	MU, TX, SG, ME	BSV16-10	BFX30	2N4036	2N2904A
BFX87	S	P	MN, NS, NT, V, TD			2N2905A	
BFX88	S	P	MU, TX, SG, ME	BSV15-10	BFX30	2N4037	2N2904
BFX88	S	P	MN, NS, NT, V, TD			2N2905A	
BFX89	S	N	MU, S, TF, V			2N918	MT1061
BFX89A	S	N	MU, S, TF, V	BF384	BF385		2SC707
BFX90	S	P	MO, AT			2N3930	
BFX91	S	P	MO, SG, AT	BF7288		2N3931	
BFX92	S	N	SG, TX	BC1418	8C109	2N929	2N930
BFX92A	S	N	SG, TX	(BC1418)		2N2483	
BFX93	S	N	SG, TX	BC1418		2N930	
BFX93A	S	N	SG, TX	(BC1418)		2N2484	
BFX94	S	N	SG, TX, AT	(BCW73-16)	BSW64	2N2221	2N2222A
BFX94A	S	N	SG, TX, AT	(BCW73-16)			
BFX95	S	N	SG, TX, AT	(BCW73-16)	BSW64	2N2222	2N2222A
BFX95A	S	N	SG, TX, AT	(BCW73-16)			
BFX96	S	N	SG, AT, TX	BCW77-16	BSW54	2N2218	2N2219A
BFX96A	S	N	SG, TX, AT	BCW77-16			
BFX97	S	N	SG, TX, AT	BCW77-16	BSW54	2N2219	2N2219A
BFX97A	S	N	SG, TX, AT	BCW77-16			
BFX98	S	N	SG, AT, TX	(BF457)	BF257	2N3114	
BFX98	S	N	SG, AT, TX	BF258			
BFX99	S	N	MO, TX, AT			2N2060B	
BFY10	S	N	MU, PH, V, TX, AM	BFY33	8C237A	40B14	2N929
BFY10	S	N	PE, RA	BFY56	BSX45	2N1565	
BFY10	S	N	MU, PH, V, TX, AM	BFK45	BC107		
BFY11	S	N	MU, PH, V, TX, AM	BSX45	8C237A	40B14	2N1566
BFY11	S	N	PE, RA	BFY50	BC107	2N929	2N930
BFY11	S	N	PE, RA	BFY33			
BFY12	S	N	S	BFY11	BSX45	2N2219	2N2218A
BFY12	S	N	S	BSX73	BCY13	2N2219A	
BFY12	S	N	S	BFY10			
BFY128	S	N	S	BSX46-6		2N2218A	
BFY12C	S	N	S	BSX45-10		2N2218A	
BFY12D	S	N	S	BSX46-16		2N2219A	
BFY13	S	N	S	BSX46	BCY14	2N2219	2N2219A
BFY13B	S	N	S	BSX46-6		2N2218A	
BFY13C	S	N	S	BSX46-10		2N2218A	
BFY13D	S	N	S	BSX46-16		2N2219A	
BFY14	S	N	S	BSX47	BFY43		
BFY14	S	N	S	BCY15	BF140		
BFY14B	S	N	S	BSX47-6			

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BFY14C	S	N	S	BSX47-10					02
BFY14D	S	N	S	BSX47-10					02
BFY15	S	N	IN	BFY67	(BCW77-16)	2N697	2N2219		02
BFY15	S	N	IN	BFY33		2N930			02
BFY16	S	N	IN	(BCW77-16)	BFY12	2N697	2N2219		02
BFY17	S	N	IN, TX	BFX55	BCY59V II	40317	2N708		02
BFY17	S	N	IN, TX	BSX72	BFY10	2N2219	2N2222		02
BFY17	S	N	IN, TX	BFY12		2N3014	2N2218		02
BFY18	S	N	ST, TX, SG, IN	BSY93	BCY59V II	2N2222	2N708		02
BFY18	S	N	ST, TX, SG, IN	BCY59	BSX75	2N3014	2N2222A		02
BFY18	S	N	ST, TX, SG, IN	BFY87	BSY63				02
BFY18	S	N	ST, TX, SG, IN	BSW64					02
BFY19	S	N	ST, TX, SG, IN	BFY33	BCY59V II	2N708	2N3014		02
BFY19	S	N	ST, TX, SG, IN	BSY19	BSY63	2N753	2N930		02
BFY19	S	N	ST, TX, SG, IN	BC108A	BSW64				02
BFY20	S	N	IN	BF173		2N2218	2N2640		02
BFY22	S	N	IN	BFY87ye	(BC121w)	2N930		25C475	02
BFY22	S	N	IN	BC146r	BC121				02
BFY22	S	N	IN	BF224	BFY47r				02
BFY23	S	N	IN	BFY87ye	(BC121w)	2N930		25C476	02
BFY23	S	N	IN	BC146r	BC121ye				02
BFY23	S	N	IN	BF224	BFY47ye				02
BFY23A	S	N	IN	BC146br	(BC121gn)			25C476	02
BFY23A	S	N	IN	BF224	BC146gn				02
BFY23A	S	N	IN	BFY87w					02
BFY24	S	N	IN	BFY87A	(BC121w)	2N930	2N918		02
BFY24	S	N	IN	BC146r	BC121				02
BFY24	S	N	IN	BFY47r					02
BFY25	S	N	IN, ST	(BCW78-16)	BSY28	2N2219			02
BFY26	S	N	IN, SG, TX, ST	(BCW74-16)	BSY63	2N708	2N2219A		02
BFY27	S	N	IN, TD, TF, TX	(BCW74-16)	BFY28	2N915	2N918		02
BFY27	S	N	IN, TD, TF, TX	BF167		2N2221A	2N2222A		02
BFY27N	S	N	IN, TD, TF, TX	BCY86					02
BFY28	S	N	IN, ST	BC182A	BSY34	2N2221			02
BFY29	S	N	IN	BC123	(BC123w)	2N930			02
BFY29	S	N	IN	BFY49r	BC146r				02
BFY30	S	N	IN	BC130	(BC123ye)	2N930			02
BFY30	S	N	IN	BFY49r	BC146r				02
BFY31	S	N	S	BSX45-6					02
BFY33	S	N	S, TX	BSX46	BSX45-6	2N697	2N1613	25C479	02
BFY33	S	N	S, TX	BFX33	BSY92				02
BFY33	S	N	S, TX	BSX96					02
BFY34	S	N	S, TX, MO, SG, AT	BSX45	BSX45-6	2N697	2N1613	25C479	02
BFY34	S	N	S, TX, MO, SG, AT	BFY51	BSY44	2N2297			02
BFY34	S	N	S, TX, MO, SG, AT	BSX96					02
BFY37	S	N	IN, TX, ST	BSY95A	BSW64	2N2222	2N2222A	25C907	02
BFY37	S	N	IN, TX, ST	BC238A	BC108A	2N2218			02
BFY37	S	N	IN, TX, ST	BSY70	BSX48				02
BFY37	S	N	IN, TX, ST	BSX93	BC107				02
BFY37	S	N	IN, TX, ST	BC108A	BC238A	2N2218		25C907	02
BFY37i	S	N	IN, TX, ST	BC107	BSX48				02
BFY37i	S	N	IN, TX, ST	BFY37	BSY70				02
BFY37i	S	N	IN, TX, ST	BC238					02
BFY39	S	N	IN, NS, TX	BSY26	BC237A	2N930	2N929		02
BFY39	S	N	IN, NS, TX	BC183	BC107				02
BFY39	S	N	IN, NS, TX	BFY27					02
BFY39	S	N	IN, NS, TX	BC237A	BC107A			25C784	02
BFY39	S	N	IN, NS, TX, V	BFY39	BC182				02
BFY39I	S	N	IN, NS, TX, V	BC107A	BC182				02
BFY39II	S	N	IN, NS, TX, V	BC237A	BC107A				02
BFY39II	S	N	IN, NS, TX, V	BC107B					02
BFY39II	S	N	IN, NS, TX, V	BC107C	BC107B				02
BFY40	S	N	TX, IN, ST	BSY92	BF178	2N1313	40320	25C706	02
BFY40	S	N	TX, IN, ST	BSX45-6	BFY51	2N2297	2N1613		02
BFY40	S	N	TX, IN, ST	BFY34	BSY44	2N2218			02
BFY40	S	N	TX, IN, ST	BSX44	BC140				02
BFY41	S	N	TX, SG, IN, ST	BF258	BSX47-6	2N1093	2N2218A	25C708A	02
BFY41	S	N	TX, SG, IN, ST	BF140	BF111	2N698			02
BFY41	S	N	TX, SG, IN, ST	BF257	BSY45				02
BFY42	S	N	TX, SG, IN	BC107		2N697			02
BFY43	S	N	TX, SG, IN	BF140	BF257	2N3114		25C154C	02
BFY43	S	N	TX, SG, IN	(BF457)	BSW68				02
BFY43	S	N	TX, SG, IN	BF110	BF178				02
BFY43	S	N	TX, SG, IN	BF114	BF258				02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BFY44	S	N	MU, PH, V, TX, .	BFY12	SFT443	2N3553	2N2102		02
BFY44	S	N	AM, RA			2N3725			02
BFY45	S	N	S, TX	BF17B	(BF457)	40480	2N1990	25C857	02
BFY45				BF15B	BFY85	SE7002			02
BFY45				BSW88					02
BFY46	S	N	S, AT, TX	BSX46	BSX45-16	2N1711		25C47n	02
BFY46				BSY71					02
BFY47	S	N	S	(BC121w)	BC121				02
BFY47b	S	N	S	(BC121w)					02
BFY47r	S	N	S	(BC121w)					02
BFY48	S	N	S	(BC122w)	BC122	2N930			02
BFY48b	S	N	S	(BC121w)					02
BFY48r	S	N	S	(BC121w)					02
BFY49	S	N	S	(BC123w)		2N930			02
BFY49b	S	N	S	(BC123w)					02
BFY49r	S	N	S	(BC123w)					02
BFY50	S	N	MU, AM, PH, NS, IT	BSY85	BSX45-6	2N1893	2N897	25C79n	02
BFY50			TX, V, AT, ME, MN	BSX46	BSY46	2N4047	2N2193		02
BFY50			NT, PE, RA, SG			2N2222	2N3253		02
BFY50E	S	N	LI	BSX45-6	BFY51	2N2297			02
BFY50I	S	N	IN	BC23BA					02
BFY51	S	N	MU, AM, PH, AT, IT	BSY45	BSX45-6	2N2297	2N697	25C70n	02
BFY51			V, TX, ME, MN, NS		BSY46	2N4046	2N2193		02
BFY51			NT, PE, RA, SG			2N3053	2N3252		02
BFY51I	S	N	IN	BC23BA					02
BFY52	S	N	MU, PH, AM, MN	BFY56	BSX45-10	2N2219	2N3252	25C70n	02
BFY52			AT, V, TX, ME, NS	BFY51	BSX45	2N3063	2N3724		02
BFY52			NT, PE, RA, SG	BSY46		2N2192	2N2297		02
BFY53	S	N	MU, PH, MN, NT, V, TX	BFY51	BSX45-6	2N2192	2N2297		02
BFY53				BSX46	BSY46				02
BFY56	S	N	MU, PH, V, TX, MO	BSX45-6	BSY46	2N2193	2N697	25C70n	02
BFY56				BFY51		2N3253	2N2297		02
BFY56	S	N	SG, TX, MO, ME, . NS, AT	BSY83	BSX45-10	2N3110	2N899		02
BFY56				BSX61	BSX46	2N2294	2N3252		02
BFY56				BFY51	BFY50				02
BFY56A	S	N	SG, TX, AT, TF	BSX46-6	BSW85	2N3108	2N2297		02
BFY56A				BFY51					02
BFY56B	S	N	SG, AT	BSX45-6					02
BFY57	S	N	SG, TX	BF140	(BF457)	SE7002	2N6059		02
BFY57				BF147	BF257	2N3114			02
BFY57				BF140					02
BFY63	S	N	SG, LI, AT, TD	(BFX65)		2N3137	2N3866		02
BFY63						2N2883			02
BFY64	S	P	SG, ME, TX, AT, TD	(BCW80-16)	BFX29	2N2905	2N2905A		02
BFY65	S	N	TF, TX, .	BC141	(BF457)	2N2243	2N1990	25C146	02
BFY65				BSY65	BFY80	2N1893	2N3036		02
BFY65				BC265	BF177				02
BFY65				BF188					02
BFY66	S	N	TF, AT, MO, TX	BFY80	BFX62	2N918	58528		02
BFY66				BF180					02
BFY67	S	N	V, PH, TX, MO, AM	BFY51	BSX45-6	2N3063	2N1613	25C70BA	02
BFY67			MN, PE, RA	BSY44	BSY52	2N2297			02
BFY67A	S	N	V, TX	BSX46-6		2N1613	2N2219	25C70B	02
BFY67C	S	N	V, TX	BSX46-6		2N2219		25C70B	02
BFY68	S	N	PH, V, TX	BSX45-16	BSY71	2N1711	2N2297		02
BFY68				BFY51					02
BFY68A	S	N	V	BSX46-16		2N2219			02
BFY69	S	N	TF	BC386	(BC122)	2N706A			02
BFY69				BC146					02
BFY69n	S	N	TF	(BC122w)					02
BFY69gr	S	N	TF	(BC122bl)					02
BFY69r	S	N	TF	(BC122w)					02
BFY69ys	S	N	TF	(BC122w)					02
BFY69v	S	N	TF	(BC122ye)					02
BFY69w	S	N	TF	(BC122gn)					02
BFY69A	S	N	TF	(BC122)	BC146				02
BFY69Ag	S	N	TF	(BC122w)					02
BFY69Agr	S	N	TF	(BC122bl)					02
BFY69Ays	S	N	TF	(BC122w)					02
BFY69Av	S	N	TF	(BC122ye)					02
BFY69Aw	S	N	TF	(BC122gn)					02
BFY69B	S	N	TF	(BC122)					02
BFY69Bgn	S	N	TF	(BC122w)					02
BFY69Bgr	S	N	TF	(BC122bl)					02
BFY69Br	S	N	TF	(BC122w)					02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BFY898ya	S	N	TF	(BC122w)					02
BFY898v	S	N	TF	(BC122ya)					02
BFY898w	S	N	TF	(BC122gn)					02
BFY70	S	N	MU, PH, V, TX	SFT443		2N3553	2N3053		02
BFY70	S	N	AM, RA			2N3724			02
BFY72	S	N	SG, NS, TX, AT	(BSY34)		2N2218	2N2219		02
BFY73	S	N	SG, AT, TX	(BSY34)		2N2219			02
BFY74	S	N	SG, AT, MO, TX	BC182A	BSW64	2N2221	2N915		02
BFY74	S	N	SG, AT, MO, TX			2N2222A			02
BFY75	S	N	SG, AT, MO, TX	BC182B	BSW64	2N2221	2N2222A		02
BFY75	S	N	SG, NS, TX, AT	BC414B	BC106	2N915	2N930		02
BFY76	S	N	SG, NS, TX, AT	BC414B	BC106	2N929	2N930		02
BFY76	S	N	SG, TX, TD	BC414B	BC109	2N2483			02
BFY77	S	N	SG, TX, MO, TD	(BFY90)	BC109	2N929	2N930		02
BFY78	S	N	SG, TX, MO, TD		BC109	2N918	2N2885		02
BFY79	S	N				2N3737	TL584		02
BFY79	S	N				2N4390			02
BFY80	S	N	TF, TX	BSW32	(BF457)	2N2896	2N1990		02
BFY80	S	N	TF, TX	BC394	BF177	2N2243	2N1918A		02
BFY80	S	N	TF, TX	BSY56		2N3036			02
BFY81	S	N	TX, TD, AT			2N2917	2N2642		02
BFY81	S	N	TX, TD, AT			2N2643			02
BFY82	S	N	TX, TD, AT			2N2962			02
BFY83	S	N	TX, TD, AT			2N2223	2N2060		02
BFY84	S	N	TX, TD, AT			2N3423			02
BFY85	S	N	TF	BCY87	BF184	2N2640	2N3036	2SC280	02
BFY85	S	N	TF	BFY19		2N2896			02
BFY86	S	N	TF	BCY89	BF185	2N2639	2N3036		02
BFY86	S	N	TF	BFY19					02
BFY87	S	N	TF	BFY19	BC146	2N930	2N5181		02
BFY87	S	N	TF	BCY83	BC122				02
BFY87	S	N	TF	BF185					02
BFY87gn	S	N	TF	(BC122w)					02
BFY87gr	S	N	TF	(BC122b)					02
BFY87r	S	N	TF	(BC122w)					02
BFY87ya	S	N	TF	(BC122w)					02
BFY87v	S	N	TF	(BC122ya)					02
BFY87w	S	N	TF	(BC122gn)					02
BFY87A	S	N	TF	BC146	BC122				02
BFY87Agn	S	N	TF	(BC122w)					02
BFY87Agr	S	N	TF	(BC122b)					02
BFY87Aye	S	N	TF	(BC122w)					02
BFY87Av	S	N	TF	(BC122ye)					02
BFY87Aw	S	N	TF	(BC122gn)					02
BFY88	S	N	TF	BF185	(BF199)	FT129	SE5030B	2SC707	02
BFY88	S	N	TF	BFY19	BFX89	2N5181			02
BFY88	S	N	TF	BF224	BFX60				02
BFY88	S	N	TF	BF180					02
BFY90	S	N	TF	BF169	BF357	2N2857	MT1061		02
BFY90	S	N	TF			2N3013	2N2222		02
BFY90B	S	N	MU	BFY90					02
BFY91	S	N	TX, MO, IN	BCY59V11	BFY86	2N2642	2N291E	2SC280	02
BFY91	S	N	TX, MO, IN	BF189					02
BFY92	S	N	TX, MO, IN	BCY59V11	BFY85	2N2643	2N2917	2SC280	02
BFY92	S	N	TX, MO, IN	BF189					02
BFY93	S	N				2N2920			02
BFY94	S	P	SG, TX	BCW80-16		40594	2N2904		02
BFY95	S	P				2N2908			02
BFY99	S	N	S	SFT443		2N3553	2N708A		02
BFZ10	S	P		BCZ11					02
BLW11	S	N	TX	(BFW16A)					03
BLY10	S	N	IN	(BDY12-6)					03
BLY11	S	N	IN	(BDY12-6)					03
BLY12	S	N	IN, IT	(BDY12-10)					03
BLY14	S	N	PH, MU, V	SFT443		2N3553			03
BLY15	S	N	IN	(BDY13-6)	SFT443A				03
BLY15A	S	N	IN	(BDY13-6)		2N3632			03
BLY16	S	N	IN	(BDY13-6)	SFT443A				03
BLY17	S	N	MU	SFT441A	BLY16				03
BLY20	S	N	V	BLY16	SFT443A	2N3375			03
BLY21	S	N	V	BLY16	SFT443A	2N3632			03
BLY22	S	N	S	SFT440		2N3375	2N3631		03
BLY25	S	N	AT			2N4116			03
BLY26	S	N	AT			2N4115			03
BLY27	S	N	SE	SFT440		2N3375			03

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BLY28	S	N	SE	SFT443A	BLY16				03
BLY29	S	N	AT			2N4076			03
BLY30	S	N	AT			2N4076			03
BLY36	S	N	MU			MSA8506	2N3375		03
BLY40	S	N	LI			2N5072			03
BLY47	S	N	TX	8UY55		2N4915			03
BLY47A	S	N	TX	(8UY55)		2N3054			03
BLY48	S	N	TX	8UY55					03
BLY48A	S	N	TX	(8UY55)					03
BLY49	S	N	TX	8UY55					03
BLY49A	S	N	TX	(8UY55)					03
BLY50	S	N	TX	8UY55					03
BLY50A	S	N	TX	(8UY55)					03
BLY55	S	N	MU			MSA8507			03
BLY57	S	N	V			2N3926	2N3632		03
BLY58	S	N	V			2N3937	2N3632		03
BLY59	S	N	V			2N3375			03
BLY60	S	N	V			2N3927	2N3632		03
BLY62	S	N	TX			MSA8507			03
BLY63	S	N	TX			MSA8506			03
BLY64	S	N	AT			2N5002			03
BLY65	S	P	AT			2N5003			03
BLY66	S	N	AT			2N5004			03
BLY68	S	N	SG, AT	(8U370)		2N5089			03
BLY70	S	N	SG, AT	(8U370)		2N4915			03
BLY75	S	N				2N5025			03
BSJ61	S	N	IS, RZ	8SY62A					17
BSJ62	S	N	IS, RZ	8SY62A					17
BSJ63	S	N	IS, RZ	8SY63					17
BSJ65	S	N	IS, RZ	8SY62A					17
BSJ66	S	N	IS, RZ	(8SY63)					17
BSJ67	S	N	IS, RZ	(8SY63)					17
BSJ68	S	N	IS, RZ	(8SY63)					17
BSS10	S	N	AT	(8SY63)	BSX20	2N3261	2N2222A		17
BSS10	S	N	AT	BSW64					17
BSS11	S	N	AT	(8SY63)	BSX20	2N2369	2N2369A		17
BSS12	S	N	AT	(8SY18)	BSX20	2N3011	2N2369		17
BSS13	S	N	AT	8SY34	BSS27	2N5189	2N3053		17
BSS13	S	N	AT			2N5262			17
BSS14	S	N	AT	(8SY34)	BFX34	2N5262			17
BSS14	S	N	AT	8SS27					17
BSS15	S	N	AT	(8SX47-10)	BSV94	2N6320			17
BSS15	S	N	AT	8SS42					17
BSS16	S	N	AT	8SX46	BSV93	2N5321	2N5320		17
BSS16	S	N	AT	8SS42					17
BSS17	S	P	AT	(8SV17-10)		2N5322	2N4036		17
BSS17	S	P	AT			2N4929			17
BSS18	S	P	AT	(8SV17)		2N5323	2N4036		17
BSS19	S	N	TX	8SW69					17
BSS20	S	N	TX	8SW69					17
BSS21	S	N	TX	(8SY18)					17
BSS23	S	N	TF, TX	8SX49	BSX33	2N731			17
BSS26	S	N	AT, SG, TX	8SX49	BSX33	2N731			17
BSS27	S	N	MU, PH, V, PE, TX	(8SY34)	BSX59	2N3444			17
BSS28	S	N	MU, PH, V, PE	(8SY34)	BSS27	2N5262			17
BSS29	S	N	MU, PH, V, PE, TX	(8SY34)	BSS27	2N5262			17
BSS30	S	N	AT, TX	8SX46-6	BSW33	2N2102	2N4001		17
BSS31	S	N	AT, TX	8SX46-16	BF156	2N1990			17
BSS32	S	N	AT, TX	8SX47-6	BSW66	2N2405	2N4001		17
BSS33	S	N	LI, TX	(8F458)					17
BSS34	S	N	TX	(8F457)					17
BSS35	S	N	TX	(8F457)					17
BSS38	S	N	V, MU, S	(8F457)	BSX21	2N1990R			17
BSS40	S	N	V, TX	8SX49	BSX33	2N731			17
BSS41	S	N	V, TX	8SX49	BSX33	2N731			17
BSS42	S	N	TF			2N5320			17
BSS43	S	N	TF	8SS42		2N5320			17
BSS45	S	N	TF			2N5320			17
BSS46	S	P	TF			2N5322			17
BSS48	S	N	TF			2N3440			17
BSS49	S	N	TF			2N3439			17
BSS68	S	P	V, MU, S			2N3497			17
BSV15	S	P	TF, SG, PH, S, V	8FR23		2N2905	2N4037		17
BSV15	S	P	TF, SG, PH, S, V			2N4036	2N4030		17
BSV15-6	S	P	V, TF, S	8FS93		2N4037			17

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BSV15-10	S	P	V, TF, S	BF593		2N4037			17
BSV15-16	S	P	V, TF, S	BF593		2N4037			17
BSV16	S	P	TF, SG, PH, S, TX	BFR23		2N2906	2N4314		17
BSV16	S	P	V			2N4036	2N4030		17
BSV16 6	S	P	ML, SG, S, TF, V	BF593		2N4314	2N4027		17
BSV16-10	S	P	ML, SG, S, TF, V	BF593		2N4314	2N4037		17
BSV16-16	S	P	V, TF, S	BF593		2N4037			17
BSV17	S	P	PH, S, V			2N5322	2N4929		17
BSV17-6	S	P	S, V	BF593		2N4037			17
BSV17-10	S	P	S, V	BF593		2N4037			17
BSV22	J	N	V			2N4416			17
BSV23	S	N	FE	(BSY62)	BSX20	2N2369			17
BSV23K	S	N	FE	(BSY62)					17
BSV23L	S	N	FE	(BSY62)					17
BSV23M	S	N	FE	(BSY62)					17
BSV24	S	N	FE	(BSY62)	BSX20	2N2369			17
BSV24K	S	N	FE	(BSY62)					17
BSV24L	S	N	FE	(BSY62)					17
BSV24M	S	N	FE	(BSY62)					17
BSV25	S	N	FE	(BSY1B)	BSX20	2N2369			17
BSV25K	S	N	FE	(BSY1B)					17
BSV25M	S	N	FE	(BSY1B)					17
BSV26	S	N	FE	(BSY63)	BSX20	2N2369			17
BSV26K	S	N	FE	(BSY63)					17
BSV26L	S	N	FE	(BSY63)					17
BSV26M	S	N	FE	(BSY63)					17
BSV27	S	N	FE	(BSY63)	BSX20	2N2369			17
BSV27K	S	N	FE	(BSY63)					17
BSV27L	S	N	FE	(BSY63)					17
BSV27M	S	N	FE	(BSY63)					17
BSV28	S	N	FE	(BF457)	BSX21	2N1990R			17
BSV28K	S	N	FE	(BF457)					17
BSV28L	S	N	FE	(BF457)					17
BSV28M	S	N	FE	(BF457)					17
BSV29	S	N	FE	(BF457)	BSX21	2N1990R			17
BSV29K	S	N	FE	(BF457)					17
BSV29L	S	N	FE	(BF457)					17
BSV29M	S	N	FE	(BF457)					17
BSV33	S	P	FE	BSW25		2N3546			17
BSV36	S	N	FE	BSW35					17
BSV40	S	N	IN, IT, ST	(BSY63)	BSW64	2N2222A			17
BSV41	S	N	IN, IT, ST	(BSY63)	BSW64	2N2222A			17
BSV42	S	P	IN, IT, ST	BSV17-10	BF595	2N4036			17
BSV43	S	P	IN, ST	BSV16-10					17
BSV43A	S	P	IN, IT, ST	BSV16-6	BF595	2N4036			17
BSV43B	S	P	IN, IT, ST	BSV16-16	BF595	2N4036			17
BSV44	S	P	IN, ST	BSV16-10					17
BSV44A	S	P	IN, IT, ST	BSV16-6	BF595	2N4036			17
BSV44B	S	P	IN, IT, ST	BSV16-16	BF595	2N4036			17
BSV45	S	P	IN, ST	BSV15-10					17
BSV45A	S	P	IN, IT, ST	BSV15-6	BF595	2N4036			17
BSV45B	S	P	IN, IT, ST	BSV15-16	BF595	2N4036			17
BSV46	S	P	IN, IT, ST	(BSV17-10)	BSW24	2N2907A			17
BSV47	S	P	IN, ST	(BSV16-10)					17
BSV47A	S	P	IN, IT, ST	(BSV16-6)	BSW24	2N2907			17
BSV47B	S	P	IN, IT, ST	(BSV16-16)	BSW24	2N2907A			17
BSV48	S	P	IN, ST	(BSV16-10)					17
BSV48A	S	P	IN, IT, ST	(BSV16-6)	BSW24	2N2907A			17
BSV48B	S	P	IN, IT, ST	(BSV16-16)	BSW24	2N2907A			17
BSV49	S	P	IN, ST	(BSV15-10)					17
BSV49A	S	P	IN, IT, ST	(BSV15-6)	BSW24	2N2907A			17
BSV49B	S	P	IN, IT, ST	(BSV15 16)	BSW24	2N2907A			17
BSV51	S	N	IN, TF	(BF457)	BSX21	2N4416			17
BSV52	S	N	MU, PH, V	BSV65FA	8C122				17
BSV52				BSV35					17
BSV52R	S	N	MU	BSV35					17
BSV59	S	N	AT, SG	BSX49					17
BSV60	S	N	TF	BSX62	BSV64	2N4877			17
BSV62	S	N	RA			2N4393			17
BSV64	S	N	MU, PH, V, PE	(BSX46-10)	BFX34	2N4877			17
BSV64				BSX63 6					17
BSV68	S	P	MU, PH, V, PE			2N3497			17
BSV69	S	N	TF	BSY34	BS514	2N5321	2N3736		17
BSV77	S	N	SG, AT	(BSY34)	BSW54	2N5321	2N2719A		17
BSV78	S	N	V, MU, PH			2N4856			17

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BSV79	S	N	MU, V, PH			2N4857A		17	
BSV80	S	N	V, MU, PH			2N4858A		17	
BSV82	S	P	AT	(BSV17-6)	8FS93	2N4037		17	
BSV83	S	P	AT	BSV13-6	8FS93	2N4037		17	
BSV84	S	N	AT	(BSX47-6)	8FX85	2N1893		17	
BSV85	S	N	AT	BSX49	BSX33	2N731		17	
BSV86	S	N	V, PE	(BCW34-16)				17	
BSV87	S	N	V, PE	(BCW34-16)				17	
BSV88	S	N	V, PE	(BCW23-16)				17	
BSV89	S	N	SG, AT	(BSY62)				17	
BSV90	S	N	SG, AT	(BSY62)				17	
BSV91	S	N	SG, AT	(BSY63)				17	
BSV92	S	N	SG, AT	(BSY63)				17	
BSV96	S	P	V, PE	BC327-16				17	
BSV97	S	P	V, PE	BC327-16				17	
BSV98	S	P	V, PE	BC327-16				17	
BSV99	S	N	TX	(BSY18)				17	
BSW10	S	N	TF	BF177	BSX46-6	2N2218A	2N3722	17	
BSW10	S	N	TF	BSX46	BSX23	2N699		17	
BSW11	S	N	TF	BSW59	BSW13	SE3646	2N3646	17	
BSW12	S	N	TF	BSX89	BSW13	S9506	2N3646	17	
BSW12	S	N	S	BF173		SE3646	2N914	17	
BSW13	S	N	S	BC146				17	
BSW19	S	P	TF, TX	BCY70	BCY78V II	2N2906	2N3965	25A548	
BSW19	S	N	TF	BC177A	BCW52	40406	2N3504	17	
BSW19	S	N	TF			2N3014		17	
BSW19VI	S	P	TF, TX	BCY78V II	BC177A			17	
BSW19A	S	P	TF, TX	BCY78V III	BC177A	2N3965		17	
BSW19A	S	P	TF	BCY70				17	
BSW20	S	P	TF	BCY78V III	BC307A			17	
BSW20	S	P	TF	BC307				17	
BSW20VI	S	P	TF	BCY78V III	BC307A			17	
BSW20A	S	P	TF	BCY78V III	BC307A			17	
BSW21	S	P	MO, SE, TX, ML, S,	BCY70	BC308A	2N2906	2N3965	17	
BSW21	S	P	MO, SE, TX, ML, S,	BCY72	BCY78			17	
BSW21A	S	P	MO, SE, TX, S, ML	BC307A	BCY71	2N3965		17	
BSW21A	S	P	MO, Se, TX, S, ML	BCY70				17	
BSW22	S	P	MO, Se, TX, S, ML	BCY70	BC308B	2N2907	2N3965	17	
BSW22	S	P	MO, Se, TX, S, ML	BC1788	BCY78			17	
BSW22A	S	P	MO, Se, TX, S, ML	BC307B	BCY79V III	2N3985		17	
BSW22A*	S	P	TX, MO, SG	BCY70				17	
BSW23	S	P	TX, MO, SG	(BCWED-16)	BSX29	2N4037	2N2904	17	
BSW24	S	P	TX, SG	(BCW78-16)		2N2906	2N2907A	17	
BSW25	S	P	TX, AT	BCY72		2N2894A	2N3546	17	
BSW26	S	N	TX	(BSX49)	BSX59	2N4047	2N731	17	
BSW26	S	N	TX	BSX33				17	
BSW27	S	N	TX	(BSY34)	BSX59	2N4047	2N2219A	17	
BSW27	S	N	TX	BSW54				17	
BSW28	S	N	TX	(BSY34)	BSX59	2N4047	2N2219A	17	
BSW28	S	N	TX	BSW54				17	
BSW29	S	N	TX	(BSY34)	BSX60	2N4046	2N2219A	17	
BSW32	S	N	TX	(BF457)	BSX21	2N5830		17	
BSW33	S	N	V, RA	BC237A	BC147A			25C641	
BSW34	S	N	V, RA	BC237A	BCW47			17	
BSW35	S	N	V, RA	BCY65EV II	BCW46			17	
BSW36	S	P	TX	(BCW79-16)	8FX29	2N2905	2N2905A	17	
BSW37	S	P	TX			2N2894		17	
BSW38	S	N	TX	(BSY62)				17	
BSW39	S	N	TF, TX	BSX47	BSW66	2N1893	2N4001	17	
BSW39-6	S	N	TF	BSX47-6				17	
BSW39-10	S	N	TF	BSX47 10				17	
BSW39-16	S	N	TF	BSX47-10				17	
BSW40	S	P	TF, TX	BSV17		2N4929		17	
BSW40-6	S	P	TF	BSV17-6				17	
BSW40-10	S	P	TF	BSV17-10				17	
BSW40-16	S	P	TF	BSV17-10				17	
BSW40-25	S	P	TF	(BSV17-10)				17	
BSW41	S	N	MU, PH, V, AM	BSX48	BSW64	2N2722A	2N2721	25C321	
BSW41	S	N	PE, TX			2N3866		17	
BSW42	S	N	SE, ML, S	BC317	BC237A	2N4966		17	
BSW42	S	N	SE, ML, S	BC163A	BC238A			17	
BSW42	S	N	SE, ML, S	BC207				17	
BSW42A	S	N	SE, ML, S	BC237A	BC207	2N4966		17	
BSW42B	S	N	SE, ML, S	BCY85EV II	BC207	2N4966		17	

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BSW43	S	N	SE, ML, Ss	BC138	BC237B	2N4967			17
BSW43				BC183A	BC238B				17
BSW43				BC209	BC208				17
BSW43A	S	N	SE, ML, Ss	BC237B		2N4967			17
BSW43A				BC209					17
BSW43B	S	N	SE	BCY65E1X	BC209	2N4967			17
BSW44	S	P	SE, ML, Ss	BC321	BC307A				17
BSW44				BC213A	BC308V1				17
BSW44				BC204	BC206				17
BSW44A	S	P	SE	BC204		2N4249			17
BSW44B	S	P	SE	BCY77V11					17
BSW45	S	P	SE, ML, Ss	BC322	BC307B	2N4260			17
BSW45				BC213A	BC308B				17
BSW45				BC206					17
BSW45A	S	P	SE, ML, Ss	BC307B	BC327	2N4260			17
BSW45A				BC206					17
BSW45B	S	P	SE	BCY771X					17
BSW49	S	N	LI, TX	BSY58		2N2219A			17
BSW51	S	N	V, MO, TX	BCW77-16	BSY34	2N2218	2N2219A	2SC479	17
BSW51				BSW54					17
BSW52	S	N	V, MO, TX	BCW77-16	BSY34	2N2219	2N2219A		17
BSW52				BSW54					17
BSW53	S	N	V, MO, TX	BCW78-16	BSY34	2N2218A	2N2219A	2SC479	17
BSW53				BSW54					17
BSW54	S	N	V, MO, TX	BCW78-16	BSY34	2N2219A			17
BSW58	S	N	V, TX	(BSY63)		2N2369			17
BSW59	S	N	V, TX	(BSY62)		2N2369			17
BSW61	S	N	V, MO, TX	BCW73-16	BSX49	2N2221	2N2221A		17
BSW61				BSW64					17
BSW62	S	N	V, MO, TX	BCW73-16	BSX49	2N2222	2N2221A		17
BSW62				BSW64					17
BSW63	S	N	V, MO, TX	BCW74-16	BSX49	2N2221A			17
BSW63				BSW64					17
BSW64	S	N	V, MO, TX	BCW74-16	BSX49	2N2222A	2N2221A		17
BSW65	S	N	MU, V, PH	BSW66	(BSX47-10)	2N3019	2N3726		17
BSW65				BSX63-6	BSW10	2N4001			17
BSW66	S	N	MU, V, PH	(BSX47-10)	BSX46	2N3019	2N372		17
BSW66						2N4001			17
BSW67	S	N	PH, MU, V			2N3712	2N3440		17
BSW68	S	N	PH, MU, V			2N3712	2N3440		17
BSW69	S	N	MU, PH, V, AM, RA	(BF457)	BFY45	2N3712			17
BSW69				PE	BF297				17
BSW70	S	N	MU	(BF457)		2N2222			17
BSW72	S	P	IN, TX	BCW75-10	BC327-16	2N2908	2N2806A		17
BSW72				BSW24					17
BSW73	S	P	IN, TX	BCW75-16	BC327-26	2N2907	2N2806A		17
BSW73				BSW24					17
BSW74	S	P	IN, TX	BCW76-10	BC327-16	2N2908	2N2806A		17
BSW74				BSW24					17
BSW75	S	P	IN, TX	BCW76-16	BC327-26	2N2907	2N2806A		17
BSW75				BSW24					17
BSW78	S	N	IN	(BSY63)					17
BSW79	S	N	IN	(BSY63)					17
BSW80	S	N	IN	(BSY63)					17
BSW82	S	N	IN, IT, TX	BCW73-16	BSX48	2N2221			17
BSW83	S	N	IN, IT, TX	BCW73-16	BSX48	2N2222			17
BSW84	S	N	IN, IT, TX	BCW74-16	BSX49	2N2221A			17
BSW85	S	N	IN, IT, TX	BCW74-16	BSX49	2N2222A			17
BSW88	S	N	TF	BC163	BC167	2N3692			17
BSW88				BSW33	BC167A				17
BSW88A	S	N	TF	BC167A					17
BSW88B	S	N	TF	BC167B					17
BSW89	S	N	TF	BCW51	BC237	2N3692			17
BSW89				BSW33	BC167A				17
BSW89A	S	N	TF	BC237A					17
BSW89B	S	N	TF	(BC237B)					17
BSW92	S	N	SE	BC238A					17
BSW93	S	P	SG, AT	BSV15-6		2N5023			17
BSW96	S	N				2N2193A			17
BSW97	S	P				2N2906			17
BSW98	S	N				2N2193			17
BSW99	S	P				2N2904			17
BSX12	S	N	PH, V, AT	BSY58		2N3303			17
BSX12A	S	N	V, PH	BSX12		2N3303			17
BSX19	S	N	MU, PH, V, PE	(BSY63)	BSX48	2N2368	2N2369	2SC889	17

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BSX19	S	N	SG, TX	BSX20			17
BSX20	S	N	MU, PH, V, SG	(BSY63)	BSX48	2N2369	17
BSX20	S	N	PE, TX	BSY19		2N2369A	17
BSX21	S	N	IN, TX, AM, MU	BC394	(BF457)	2N1893	17
BSX21	S	N	NS, PE, PH, V	BFY45	BFY80	2N1990R	17
						2N4360	17
BSX22	S	N	IN, TX, IT	BSX62	(BSX45-10)	2N4231	17
BSX22	S	N		BSW26	BSX45	2N2297	17
BSX22	S	N		BFY51	BFY50	2N1613	17
BSX23	S	N	IN, TX, IT	BSW26	(BSX46-10)	2N2297	17
BSX23	S	N		BFY51	BFX34	2N1613	17
						2N3725	17
BSX23	S	N		BSX62			17
BSX24	S	N	TX	BCY58	BC237A	2N2221	17
BSX24	S	N		BSW27	BSX51A	A 157A	17
BSX24	S	N		BC107	BSW41	25C907	17
BSX24C	S	N					17
BSX25	S	N	TF, TX	BSW41	BC223	2N731	17
BSX25	S	N		BCW73-16	BSX33	2N913	17
BSX25	S	N		BSX24	BCY59	TS222	17
BSX25	S	N		BSX51A	BSW82		17
BSX25	S	N		BSY19	BSY83	2N2369	17
BSX26	S	N	TX, AT, SG			2N708	17
BSX26	S	N		BSY20			17
BSX27	S	N	SG, TX, AT	(BSY17)	BSX20	2N2369	17
BSX27	S	N				2N2368	17
BSX28	S	N	SG, TX, AT	(BSY62)	BSX20	2N709	17
BSX28	S	N				2N3010	17
						2N2368	17
						2N3011	17
BSX29	S	P	TX, AT			2N3546	17
BSX29	S	P				2N2894	17
BSX30	S	N	SG, TX, AT	BSY34		2N2410	17
BSX32	S	N	SG, TX, AT	(BSY24)		2N2218	17
BSX33	S	N	SG, TX, AT	BSY46-6		2N731	17
						2N2218A	17
BSX33	S	N	TX, AT	BSX20		2N3110	17
BSX35	S	P	SG, TX, AT	BC327-16		2N2908	17
BSX38	S	N	TF, TX	BCY58VII	BCY59	2N2222	17
BSX38	S	N		BSY19	BSX24	2N708	17
BSX38	S	N		BSY58	BSX51		17
BSX38	S	N		BCW51			17
BSX38A	S	N	TF	BCY59VII	BSW64	2N2221A	17
BSX38B	S	N	TF	BCY59IV	BSW64	2N2221A	17
BSX39	S	N	SG, TX, AT	(BSY63)	BSX20	2N708	17
BSX40	S	P	TX, IT, IN	BSV15-6	BFX29	2N4037	17
BSX40	S	P				2N2905A	17
BSX41	S	P	TX, IN	BSV15-16	BFX29	2N2905	17
BSX44	S	N	MU, PH, AM, PE	(BSY17)	BSX20	2N2369	17
BSX44	S	N	TX			2N2475	17
BSX45	S	N	TF, TX, ML, S	BSX22	BFX85	2N2297	17
BSX45	S	N	SG, V			2N3252	17
BSX45-6	S	N	S, TF, V	BFY51		2N3110	17
BSX45-10	S	N	S, TF, V	BFY51		2N3110	17
BSX45-16	S	N	S, TF, V	BFY51		2N3109	17
BSX46	S	N	TF, TX, ML, S, SG	BSV64	BFX85	2N2102	17
BSX46	S	N	V			2N2297	17
BSX46-6	S	N	S, TF, V	BFX56		2N3108	17
BSX46-10	S	N	S, TF, V	BFX85		2N3108	17
BSX46-16	S	N	S, TF, V	BFX85		2N3107	17
BSX47	S	N	S, V	BFX85		2N1893	17
BSX47-6	S	N	S, V	BFX85		2N1893	17
BSX47-10	S	N	S, V	BFX85		2N1893	17
BSX48	S	N	S	BSW64		2N2221A	17
BSX48	S	N				2N4013	17
BSX49	S	N	S	BSX59		2N2222A	17
BSX49	S	N				2N3444	17
BSX51	S	N	SE, ML, S, TX	BSW64	BCY58	2N2222	17
BSX51	S	N		BSW64	BCW51	2N2221A	17
BSX51A	S	N	SE, S, ML, TX	BSW64	BCY59VII	2N2222A	17
BSX51A	S	N		SFT14A	BC107A		17
BSX51B	S	N		BCY85EVII	BSW64	2N2221A	17
BSX52	S	N	SE, ML, S, TX	BCY85IX	BCY58V III	2N2222	17
BSX52	S	N		BSW64		2N2221A	17
BSX52A	S	N	SE, ML, S, TX	BCY85IX	BC107B	2N2222A	17
BSX52A	S	N		BSW64		2N2221A	17
BSX52B	S	N	SE	BCY85EIV	BSW64	2N2221A	17
BSX53	S	N	SE, TX, TF	BCW51	BCY58	2N2222	17
BSX53	S	N		BSX51	BCY58V III	2N1613	17
BSX53A	S	N	SE, TF	BCY58VII	BSW64	2N2221A	17
BSX53A	S	N					17

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE		
BSX53B	S	N	SE, TF	8CY581X	BSW64	2N2221A	17		
BSX54	S	N	SE, TX, TF	8CY986	8CY59	2N2222A	17		
BSX54A	S	N	SE, TF	BSX51A	8C107A	2N1711	17		
BSX54B	S	N	SE, TF	8CY59V11	BSW64	2N2221A	17		
				8CY591X	BSW64	2N2221A	17		
BSX59	S	N	MU, PH, V, TX, RA	(BSY34)	BSX45	2N3444	2N5421	25C479	17
BSX59	S	N	AM, FE, PE			2N3725	2N2218A		17
BSX60	S	N	MU, PH, V, TX, RA	(BSY34)	BSX45	2N3725	2N5421	25C479	17
BSX60	S	N	AM, FE, NT, PE	BSX56		2N3724	2N2219A		17
BSX61	S	N	MU, PH, V, TX, RA	(BSX34)	BSX45	2N6321	2N3725	25C479	17
BSX61	S	N	AM, FE, NT, PE	BSX56		2N2219A			17
BSX62	S	N	S, V	BSW65	BFX34	2N1889			17
BSX63	S	N	S, V	BSW65	BFX34	2N1893			17
BSX63B	S	N	S	BSX63-6					17
BSX63C	S	N	S	BSX63-10					17
BSX66	S	N	V, TD	8CY58V11	8C108A	2N743			17
BSX67	S	N	V, TD	8CY58V11	8C108A	2N744			17
BSX68	S	N	TF, V	8C238A	8C148	2N2884	89518	25C641	17
BSX69	S	N	TF, V	8C238A	8C148	2N2884			17
BSX69				8FY39					17
BSX70	S	N	V, TD, TX	8CW74-16		2N2222	2N718A		17
BSX71	S	N	V, TD, TX	8CW74-25		2N2222	2N946		17
BSX72	S	N	TF, TX, TD	8CW77-16	BSY78	2N3724	2N3863	25C479	17
BSX72						2N2219A	2N2218		17
BSX72						2N2219			17
BSX73	S	N	TF			2N2218			17
BSX74	S	N	TF			2N2219			17
BSX75	S	N	TF, TX, TD	BSX33	8CW73-16	2N2222	2N2218		17
BSX75				BSW41	BSX48	2N4013	2N3704A		17
BSX75						2N731			17
BSX76	S	N	MU, TX, TD	(8CY58V11)		2N2369	2N3114		17
BSX77	S	N	MU, TX, TD	(8CY59V11)		2N2369	2N3114		17
BSX78	S	N	MU, TX, TD	(8CY59V11)		2N2369	2N3114		17
BSX79	S	N	TF, TX	8CY59V11	BSX51A	2N2222	2N2219		17
BSX79				BSY74					17
BSX79A	S	N	TF	8CY58V11					17
BSX79B	S	N	TF	8CY58V11					17
BSX80	S	N	TF	(BSY63)	BSX68	2N708	89525	25C641	17
BSX81	S	N	TF	8CW83	8C147	2N718	2N2410		17
BSX81				BSW33	BSY58				17
BSX81A	S	N	TF	8C147A					17
BSX81B	S	N	TF	8C147B					17
BSX87	S	N	MO, SG, TX, AT	(BSY63)	BSX20	2N914	2N2469		17
BSX87A	S	N	MO, SG, TX, AT	(BSY63)	BSX20	2N708	2N2469		17
BSX88	S	N	MO, SG, TX, NS, AT	(BSY63)	BSX20	2N708	2N2469		17
BSX88A	S	N	MO, SG, TX, AT	(BSY63)	BSX20	2N914	2N2469		17
BSX89	S	N	MO, SG, TX, AT	(BSY62)	BSX20	2N706A	2N2469		17
BSX90	S	N	MO, SG, TX, TD	BSY17	BSX20	2N743	2N2469		17
BSX91	S	N	MO, SG, TX, TD	BSY18	8C232	2N744	2N2469		17
BSX91				BSX20					17
BSX92	S	N	MO, SG, TX, TD	(BSY63)	BSX20	2N2368	2N2469		17
BSX93	S	N	MO, SG, TX, AT	(BSY63)		2N2369			17
BSX94A	S	P	SG, AT		BSX20	2N4207			17
BSX95	S	N	V, TX	8CW78-16	BSX45	2N1613	2N648	25C479	17
BSX95				8FX97		2N2219A			17
BSX96	S	N	V, TX	8CW78-16	BSX45	2N1711	2N638	25C479	17
BSX96				8FX97		2N2219A			17
BSX97	S	N	SE	(8C337-18)	BSX48	2N2218			17
BSX99	S	N	S	(BSY62A)					17
BSY10	S	N	MU, V, AM, PE	8F177	(BCY66)	2N2219A	2N745		17
BSY10	S	N	PH, RA, TX	8CY65E	8SY45	2N2222	2N2218A		17
BSY10				BSY44	BFY50				17
BSY10				BSW64					17
BSY11	S	N	MU, V, AM, PE	8CY59V11	8CY66	2N2219A	2N746		17
BSY11	S	N	PH, RA, TX	8SW64	8SY44	2N2218	2N2222		17
BSY11				8FY50					17
BSY17	S	N	TX, MO, S	BSY70	BSY21	2N2369	2N743	25C321	17
BSY17				BSX20		2N2368	2N914		17
BSY18	S	N	TX, MO, S	BSY21	8CY18	2N744	2N2468	25C321	17
BSY18				BSX20	BSY70	2N2369			17
BSY19	S	N	TX, MO, V	BSY63	BSX20	2N708	2N2469	25C321	17
BSY20	S	N	TX, MO, V, IM	BSY18	BSY62	2N706B	2N2469		17
BSY20				BSY70					17
BSY21	S	N	TX, MO, IN	BSX20	BSY10	2N914	2N2469		17
BSY21				BSY18	BSY63				17

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BSY22	S	N	MO, IN	BF115	BSY63	2N916	17
BSY22				BSX20		2N2369	17
BSY23	S	N	MO, IN	BSY63	BSX20	2N834	17
BSY23						2N2368	17
BSY24	S	N	IN, IT, ST, TX	BSY91	BC337-16	2N2218	17
BSY24				BSX72	BSX62		17
BSY24				BSY58			17
BSY25	S	N	IN, TX, ST	BSY58	BC337-16	2N697	17
BSY25				BSX72	BSY46	2N2219	17
BSY26	S	N	IN, MU, IT, ST, TX	BSY39	BSY62A	2N706A	17
BSY26				BSY18	BSY19		17
BSY27	S	N	IN, MU, IT, SG	BSX20	BSY62B	2N753	17
BSY27				BSY18	BSY39	2N2369	17
BSY28	S	N	IN, IT, ST, TX	BSY21	BSY17	2N708	17
BSY28				BSY19	BSY38	2N914	17
BSY29	S	N	IN, IT, ST, TX	BSY39	BSY18	2N708	17
BSY29				BSX70	BSY21	2N744	17
BSY30	S	N	S	BSY62A			17
BSY31	S	N	S	BSY62B			17
BSY32	S	N	S	BSX70	BSY29	2N743	17
BSY32				BSY38			17
BSY33	S	N		BSX70	BSY29	2N744	17
BSY33				BSY38			17
BSY34	S	N	TX, S	BSX59	BFY44	2N3725	17
BSY34				BSX61	BSX73	2N3724	17
BSY36	S	N		BSY21	BSY38	2N708	17
BSY36				BSY70		2N743	17
BSY37	S	N		BSY21	BSY38	2N708	17
BSY37				BSY70		2N743	17
BSY38	S	N	MU, V, AM, BL, TX	BSX20	BSY62A	2N708	17
BSY38				BSY21	BSY19	2N2369	17
BSY38A	S	N	MN, NS, PE, PH, RA	BSX20		2N2369	17
BSY39	S	N	MU, V, AM, BL, NS	BSX20	BSY62B	2N708	17
BSY39				BSY19	BSY21	2N2369	17
BSY39A	S	N	ME, MN, RA, TX	BSX20		2N2369	17
BSY40	S	P	TX, MU, V	BCY78	BCY70	2N3965	17
BSY40						2N2411	17
BSY41	S	P	TX, MU, V	BCY78	BCY70	2N2894	17
BSY41						2N2412	17
BSY42	S	N		BFY12	BSX73	2N3965	17
BSY43	S	N		BFY12		2N2219	17
BSY44	S	N	MO, TX, TD, TF	BSW66	BSX73	2N2219	17
BSY44				BSX45-6	2N699	2N1613	17
BSY45	S	N	MO, TX, TD, TF	BSX45	BSX95	2N1893	17
BSY45				BSX47-6	BC141-6	2N1893	17
BSY45				BSW66		2N1613	17
BSY46	S	N	MO, TX, TD, TF	BSW66	BSX46-6	2N699	17
BSY46				BFY55	BSX46	2N1613	17
BSY47	S	N		BSY20	BDY62	2N706A	17
BSY47				BSY70			17
BSY48	S	N	S	BSY20	BSY62	2N706A	17
BSY48				BSY70			17
BSY50	S	N		BSY20	BSY62	2N706A	17
BSY50				BSY70			17
BSY51	S	N	IN, SE, ML, IT, TX	BFY50	BSX45-6	2N697	17
BSY51				BFY34	BSX45	2N2297	17
BSY51						2N2219	17
BSY51	S	N	MO				17
BSY52	S	N	IN, V, MO, SG, ME	BSW54	BSX45-16	2N2219A	17
BSY52				BFY34	BSX45	2N1711	17
BSY52						2N2219	17
BSY53	S	N	IN, SE, SG, IT, V, S	BSY67	BSX45-6	2N897	17
BSY53				BSX46-6	BFY34	2N2219A	17
BSY53	S	N	TX, MO, ML, ME	BSY44	BSX45		17
BSY53				BSW54			17
BSY54	S	N	IN, SE, V, S, IT	BSY71	BSX45-16	2N1711	17
BSY54				BSX46-10	BFY46	2N2219A	17
BSY54	S	N	TX, MO	BSX45			17
BSY55	S	N	IN, SE, V, IT, ME	BSX46-6	BSX47-6	2N1893	17
BSY55				BSW66	BFY14C	2N3498	17
BSY55				BSY45			17
BSY56	S	N	IN, SE, V, IT, ME	BSW66	BSX47-10	2N1890	17
BSY56				BFY14D	BSX46-10	2N1893	17
BSY58	S	N	TX, S	BFY44	BSX73	2N2218	17
BSY58				BSX59		2N3724	17

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
BSY59	S	P	S	BC327-16	8C238	2N2905			17
BSY60	S	N				2N706A			17
BSY61	S	N	S	(BSY62B)	8C238A	2N706 A			17
BSY62	S	N		BSY70	8SX20	2N706	2N2369		17
				BFX20		2N706A	2N706		17
BSY62A	S	N	S	BSY62	BSY70	2N706A		25C321	17
BSY62A				8SX20					17
BSY62B	S	N	S	BSY62	8SX20	2N706A		25C321	17
BSY63	S	N	TX, S	BSY19	8SX20	2N708	2N2369	25C321	17
BSY63				BFX20					17
BSY68	S	N	RA, TX	(8F457)	8FY65	2N2405	2N8990		17
BSY68						2N3114			17
BSY70	S	N	MO, TX, TO, TF	8SX20	BSY62A	2N706	2N2369	25C321	17
BSY70				8SX19	BSY62				17
BSY71	S	N	MO, TX, TO, TF	8SW66	8SX45-16	2N1893	2N8711		17
BSY71									17
BSY72	S	N	TX, IN, ST	BFY46		2N2219A	2N2219		17
BSY72				BC182A	8C2398	A157A	MP85520	25C648	17
BSY72				8CY58VH	BC108A	2N930	2N9014		17
BSY72				BC130A					17
BSY72				BC107					17
BSY73	S	N	TX, IN, ST	BC182A	8C107	A157A	MP85520	25C907	17
BSY73				8C238A	8C108A	2N2221	2N3014		17
BSY73				8SX53	8SY63				17
BSY73				BC130A	8CS9VH				17
BSY74	S	N	TX, IN, ST	BC182A	8C238A	A157A	MP85520	25C907	17
BSY74									17
BSY74				BC108A	8FY46	2N929	2N3014		17
BSY74				8CY58VH	8SX53				17
BSY74				BC130A					17
BSY75	S	N	TX, IN, ST	8SX79	8C237A	2N2221	2N2222	25C907	17
BSY75				8CS9VH	8FY33	A157			17
BSY75									17
BSY75	S	N	TX, TO, IN, ST	BC107	8SX51A	2N2221	2N2222	25C907	17
BSY75				8CY58VH	8C237A				17
BSY76				8CW51	8FY12C	A157			17
BSY76				BC107	8SX45				17
BSY76B	S	N		BC108A					17
BSY77	S	N	TX, IN, ST	8SX21	8CY65EVII	A157	2N2219		17
BSY77				8CY85E	8FY34	2N2221A	2N2222A		17
BSY77				8SY56	8SX45				17
BSY77				BC107					17
BSY78	S	N	TX, IN, ST	BC107					17
BSY78									17
BSY78				8CY65EVII		2N2222A	2N3019		17
BSY79	S	N	IN, TX, IT, RA, V	8FY46	8SX45	A157			17
BSY79				8SX45	(8F457)	2N4390	2N1990R	25C857	17
BSY79				8C394	8FY45	57013	2N3114		17
BSY79				8FY80					17
BSY80	S	N	TX, IN, ST	BC108A	(8C238C)	2N930	MP85520	25C987	17
BSY80				8CY58VH	8C108				17
BSY80				8C130C	8C109				17
BSY80				8C184					17
BSY81	S	N	IN, TX, IT, ME, ST	8FY51	8SX45-6	2N2193	2N697	25C708	17
BSY81									17
BSY81				8SX85-6	8SX72	2N2297	2N2218		17
BSY82	S	N	IN, IT, TX, ME, ST	8FY51	8SX45-16	2N2192	2N1711		17
BSY82				8SX45-10	8SY72	2N2297	2N2219		17
BSY82						2N3109			17
BSY83	S	N	IN, IT, TX, ME, SG	8FY50	8SX45-6	2N2218A	2N697	25C708	17
BSY83	S	N	ST	BSY40	8SY46	2N3110	2N1613		17
BSY83						2N2193	2N2297		17
BSY84	S	N	IN, IT, TX, ME, ST	8SX45-16	8SX45-10	2N2192	2N8711		17
BSY84				8FY50		2N3109	2N2297		17
BSY85	S	N	IN, IT, ME, TX, ST	8SX47-6	BSY46	2B2193A	2N4889	25C708A	17
BSY85				8SW66		2N1893	2N3108		17
BSY86	S	N	IN, IT, ME, TX, ST	8SX47-10	8SX46 10	2N2192A	2N1893		17
BSY86				8SW66		2N1890	2N4019		17
BSY86						2N3107			17
BSY87	S	N	IN, IT, TX, ME, ST	8SW66	8SX46-6	2N1889	2N2102		17
BSY87	S	N	MO	8FY14C	8C141-6	2N1893	2N3108		17
BSY88	S	N	IN, IT, ME, TX, MO	8SW66	8SX46 16	2N1890	2N1893		17
BSY88	S	N	ST	8FY14D	8C141-10	2N3019	2N3017		17
BSY89	S	N	IN, IT, TX	8C238B	8C107	2N2432	A157A		17
BSY90	S	N	IN, IT, TX, ST	8SW54	8CW77-16	2N1711	2N2219		17
BSY90				8FY46	8C140-16	2N2219A			17
BSY91	S	N	TF, TX	8SX51A	8CW77-16	2N2297	2N897	25C708	17
BSY91				8SX80		2N2218	TS2219		17
BSY91				8SX48	8SX25				17

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BSY91				BFY51			17
BSY92	S	N	TF, TX	BFY51	BCW78-16	2N2297	17
BSY92				BFY34	BSX45-6	2N2219	17
BSY93	S	N	TF, TX	BCW74-16	BCY65E	2N2222	17
BSY93				BC107		2N2222A	17
BSY95	S	N	MU, TX, ME, ST	BSY628	BSX20	2N2369	17
BSY95A	S	N	FE, IN, MU, IT, NS	BC108A	BSY628	2N2218	17
BSY95A	S	N	ME, NT, SG, TX, .	BSY62	BSX20	2N2369	17
BSY95A	S	N	ST	BSX73	BSY58		17
BSY149A	S	N		BSX66			17
BSY149B	S	N		BSX67			17
BSY152A	S	N		BSX19			17
BSY152B	S	N		BSX20			17
BU100	S	N	SG, AT	BUY55			16
BU100A	S	N	AT, SG	BUY55		2N5629	16
BU102	S	N	AT, SG	BUY74	BUX18B	2N5631	16
BU103A	S	N	SE			2N4912	16
BU104	S	N	SE, ML, Ss	BUY74	BU108		16
BU105	S	N	MU, PH, TF, V, AM	BU208			16
BU105	S	N	MO, PE, RA				16
BU106	S	N	TX, RA	BU110			16
BU107	S	N	TX	BUY73			16
BU108	S	N	PH, TF, V, AM, PE	BU208			16
BU108	S	N	MO				16
BU109	S	N	SE, ML, Ss	BU110	BU108		16
BU111	S	N	S	BU126		2N6512	16
BU112	S	N	SE, ML, Ss	BUY75			16
BU113	S	N	SE, ML, Ss	BUY76			16
BU113S	S	N	SE	BUY76			16
BU114	S	N	S			2N6510	16
BU115	S	N	AT	BUY76			16
BU116	S	N	AT	BUY75			15
BU117	S	N	AT	BUY74			16
BU120	S	N	AT	BUY74	BDY98	2N6249	16
BU121	S	N	AT, SG	BUY74	BUX18		16
BU122	S	N	AT	BU111			16
BU123	S	N	AT	BU111			16
BU125	S	N	SG, AT	BUY47		2N4895	16
BU126A	S	N	MO	BU126			16
BU127	S	N	AT, SG	BUY58		2N5630	16
BU128	S	N	AT, SG	BUY73		2N6249	16
BU129	S	N	SE, ML	BU111	BUX18C		16
BU130	S	N	AM	BU111			16
BU131	S	N	V, PH	BUY76			16
BU132	S	N	PH, V	(BUY79)			16
BU133	S	N	PH	BUY79			16
BU134	S	N	SE, ML	BUY79	BU126		16
BU134				BDY28			16
BU135	S	N	MO			2N6510	16
BU136	S	N	MO			2N6510	16
BU204	S	N	PH, SE, MU, TF	BU208			16
BU205	S	N	PH, V, SE, MU, TF	BU208			16
BU206	S	N	PH, MU, TF	(BU208)			16
BU207	S	N	PH, V, SE, MU, TF	BU208			16
BU209	S	N	PH, V, MU, TF	(BU208)			16
BU210	S	N	S	BUY74			16
BU211	S	N	S	BUY75			16
BU212	S	N	S	BUY76			16
BU221	S	N	AT	BUY75			16
BU310	S	N	S	BUX17			16
BU311	S	N	S	BUX17			16
BU312	S	N	S	BUX17			16
BU409	S	N	SG			TA8863J	16
BUX10	S	N	SE	(BUY58)			16
BUX11	S	N	SE	(BUY73)			16
BUX14	S	N	SE	(BUY76)			16
BUX15	S	N	SE	(BUY76)			16
BUX26	S	N	S			2N6510	16
BUX27	S	N	S				16
BUX39	S	N	SE, ML	(BUY57)		2N5038	16
BUX40	S	N	SE, ML	BUY73		2N6354	16
BUX41	S	N	SE, ML	BUY74	BUX17A		16
BUX42	S	N	SE, ML	BUY75	BUX17B		16
BUX43	S	N	SE, ML	BUY76	BUX17C		16
BUX44	S	N	SE, ML	(BUY76)	BUX18C		16

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
BUY45	S	N	SE	(BUY76)			16
BUY84	S	N	PH		TAB863A		16
BUY10	S	N	IN, IT, ST	BDY12-6			16
BUY11	S	N	IN, IT, ST	BDY12-6			16
BUY12	S	N	S	BUY58	BOY91		16
BUY125	S	N	SE	BUY58			16
BUY13	S	N	S	BUY57	BOY91		16
BUY13	S	N	S	BDY93		25C865	16
BUY13S	S	N	SE	BUY57			16
BUY14	S	N	S	BDY61		2N4911	16
BUY16	S	N	AT	BOY90			16
BUY17	S	N	AT	BDY60			16
BUY18	S	N	SG, AT	BUY77	BU110		16
BUY19	S	N	AT			2N5730	16
BUY20	S	N	TX	BUY58			16
BUY21	S	N	TX	BUY73			16
BUY21A	S	N	TX	BUY74			16
BUY22	S	N	TX	BUY75			16
BUY23	S	N	TX	BUY75			16
BUY23A	S	N	TX	BUY76			16
BUY23B	S	N	TX	BUY76			16
BUY24	S	N	SG, AT	(BUY65)		2N5068	16
BUY26	S	N	S			2N4069	16
BUY36	S	N	S			2N6511	16
BUY38	S	N	AT			2N3054	16
BUY38-4	S	N	AT			2N3054	16
BUY38-5	S	N	AT			2N3054	16
BUY38-6	S	N	AT			2N3054	16
BUY38-7	S	N	AT			2N3054	16
BUY43	S	N	S	BDY71		2N3054	16
BUY43-6	S	N	S			2N3054	16
BUY43-10	S	N	S			2N3054	16
BUY43-16	S	N	S			2N3054	16
BUY44	S	N	S	BU110			16
BUY46	S	N	AT, S, MO			2N3054	16
BUY46-4	S	N	AT, S			2N3054	16
BUY46-6	S	N	AT, S			2N3054	16
BUY48	S	N	AT	BUY47			16
BUY51A	S	N	TX			2N3772	16
BUY55	S	N	S			2N5239	16
BUY56	S	N	S			2N5239	16
BUY60	S	N	TX			2N3439	16
BUY66	S	N	TX	BUY74	BU126		16
BUY67	S	N	TX	BUY74	BU126		16
BUY68	S	N	SG, AT			2N4895	16
BUY69	S	N	TX	(BUY76)			16
BUY69A	S	N	TX	(BUY76)			16
BUY69B	S	N	TX	BUY76	BU126		16
BUY69C	S	N	TX	BUY75	BU126		16
BUY70	S	N	TX	(BUY76)			16
BUY70A	S	N	TX	(BUY76)			16
BUY70B	S	N	TX	BUY76	BU126		16
BUY70C	S	N	TX	BUY75	BU126		16
BUY71	S	N	TX	(BU208)			16
BUY72	S	N	S			2N5239	16
BUY74	S	N	S	BUX18A			16
BUY75	S	N	S	BUX18C			16
BUY76	S	N	S	BU126			16
BUY77	S	N	S	BUX18A			16
BUY78	S	N	S	BUX18C			16
BUY79	S	N	S	BU126			16
BUY84	S	N	AT	BUY76			16
BUY85	S	N	AT	BUY75			16
C94	SF	N	SL			2N5457	
C94E	SF	N	SL			2N5457	
C95	SF	N	SL			2N5457	
C95A	SF	N	SL			2N5457	
C95E	SF	N	SL			2N5459	
C96E	SF	N	SL			2N5459	
C413N	J	N	CR			2N4091	2N4850
C413N	J	N				2N6451	
C413E	J	N				MPF 4361	
C610	J	N				2N4092	
C611	J	N				MF E 2095	2N5360
C612	J	N				MF E 2095	2N5360

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
C613	J	N			MFE2095	2N5360	
C614	J	N			MFE2093	2N5360	
C615	J	N			MFE2095	2N5360	
C620	J	N			MFE2093	2N5358	
C621	J	N			MFE2093	2N5358	
C622	J	N			MFE2093	2N5358	
C623	J	N			MFE2093	2N5358	
C624	J	N			MFE2093	2N5358	
C625	J	N			MFE2093	2N5358	
C650	J	N			MFE2093	2N6358	
C651	J	N	SG		MFE2093	2N5358	
C652	J	N	SG		MFE2093	2N5358	
C653	J	N			MFE2093	2N5358	
C673	J	N			MFE2093	2N5358	
C674	J	N			2N5361	TN4341	
C680	J	N	CR		MFE2093	TN4338	
C680A	J	N	CR		MFE2093	TN4338	
C681	J	N	CR		MFE2093	TN4338	
C681A	J	N	CR		MFE2093	TN4338	
C682	J	N	CR		MFE2094	2N3460	
C682A	J	N	CR		MFE2094	2N3460	
C683	J	N	CR		MFE2094	2N2460	
C683A	J	N	CR		MFE2094	2N3460	
C684	J	N	CR		MFE2095	2N3459	
C684A	J	N	CR		MFE2095	2N3459	
C685	J	N	CR		MFE2095	2N3459	
C685A	J	N	CR		MFE2095	2N3459	
C690	J	N	CR		2N4220	2N3458	
C691	J	N	CR		2N4220	2N3458	
C692	J	N	CR		MFE2095	2N3459	
CDT1310	G	P	ST, KS	(AU Y21IV)			06
CDT1311	G	P	ST, KS, IN	(AU Y22IV)	AUY21V		06
CDT1311				ASZ17	AD131		06-
CDT1311				AUY28	AD151		06-
CDT1311				ASZ18			06-
CDT1312	G	P	ST, KS	(AU Y22IV)			06
CDT1313	G	P	KS	AUY22IV	AD132	2N1100	
CDT1313				ASZ16	ASZ15		
CDT1313				ASZ18			
CDT1318	G	P	ST, KS	(AU Y21III)			
CDT1320	G	P	ST, KS	(AU Y22III)			
CDT1321	G	P	ST, KS	(AU Y22III)			
CF2386	SF	N	CR			2N5459	
CK13	G	P		ASY27		2N1307	
CK14	G	P				2N1309	
CK17	G	P					
CK22	G	P		AC125			
CK65	G	P		ASY27			
CK66	G	P		AC125			
CK721	G	P		AC125	AC126	2N2429	
CK721				OC71			
CK722	G	P		AC125	AC126	2N2429	
CK722				OC71			
CK724	G	P		AC125	AC126	2N2429	
CK725	G	P		AC125	AC126	2N2429	
CK725				OC71			
CK727	G	P		AC125	AC126	2N2429	
CK727				OC21			
CK751	G	P		AC126	AC132	2N2431	2N281
CK751				OC32			
CK759	G	P		AF127	AF185		
CK759				OC45			
CK760	G	P		AF127	AF185		
CK760				OC45			
CK761	G	P		AF126	AF127		
CK761				AF185			
CK762	G	P		AF126	AF185		
CK762				OC44			
CK766	G	P		AF126	AF185		
CK766				OC44			
CK766A	G	P		AF126	AF185		
CK766A				OC44			
CK790	S	P		8CZ10			
CK791	S	P		8CZ11			
CK793	G	P		ASY77	OC77		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CK870	G	P		AC125	AC126	2N2429	
CK871	G	P		AC125	AC126	2N2429	
CK872	G	P		AC128	AC132	2N2431	
CK872				OC72			
CK878	G	P		AC128	OC74	2N2431	
CK882	G	P		AC128	AC312	2N2431	
CK882				OC72			
CK888	G	P		AC128	AC132	2N2431	
CK888				OC72			
CK891	G	P		AC125			
CK892	G	P		AC125			
CK896	G	P		OC57			
CK896A	G	P		OC57	OC58		
CK897	G	P		OC58			
CK897A	G	P		OC58			
CK898	G	P		OC59			
CK898A	G	P		OC59	OC77		
CL1020						TCR5297	
CL1520						TCR5302	
CL2210						TCR5283	
CL2220						TCR5306	
CL3310						TCR5287	
CL3320						TCR6310	
CL4710						TCR5290	
CL4720						TCR6314	
CL6810						TCR5293	
CLT2010	P	N	CL			TIL81	
CLT2020	P	N	CL			TIL81	
CLT2030	P	N	CL			TIL81	
CLT2130	P	N	CL			TIL81	
CLT2140	P	N	CL			TIL81	
CLT2150	P	N	CL			TIL81	
CLT2160	P	N	CL			TIL81	
CLT3020	P	N	CL			TIL805	
CLT3030	P	N	CL			TIL806	
CLT3160	P	N	CL			TIL802	
CLT3170	P	N	CL			TIL804	
CLT4020	P	N	CL			TIL813	
CLT4030	P	N	CL			TIL814	
CLT4160	P	N	CL			TIL810	
CLT4170	P	N	CL			TIL812	
CM600	J	N	CR			2N4857	
CM601	J	N	CR			2N4091	2N4856
CM601						2N4092	
CM602	J	N	CR			2N4091	2N4856
CM602						2N4092	
CM603	J	N	CR			2N4091	2N4856
CM640	SF	N	CR			2N3824	2N4093
CM641	SF	N	CR			2N4393	2N4858
CM641						2N4093	
CM642	SF	N	CR			2N4092	2N4858
CM643	SF	N	CR			2N4391	2N4857
CM643						2N4091	
CM644	SF	N	CR			2N4092	2N4858
CM644						2N4093	
CM645	SF	N	CR			2N4092	2N4857
CM646	SF	N	CR			2N4091	2N4856
CM646						2N4092	
CM647	SF	N	CR			2N4391	2N4856
CM650	J	N				MFE 2012	2N4446
CM651	J	N				MFE 2012	SFC1784
CM651						2N4446	
CM652	J	N				SFC1783	
CM653	J	N				SFC1785	
CM697	J	N	CR			MPF4392	
CM710	P					TIL132hp	
CM712	P					TIL135	
CMX740	SF	N	CR			MPF4391	
CP650	SF	N	CR, IL			2N3970	MPF4391
CP650						2N5432	
CP651	J	N	CR, IL			2N3971	MPF4391
CP651						2N5433	
CP652	J	N	CR, IL			2N3972	MPF4392
CP652						2N4447	
CP652	J	N	CR, IL			2N4091	MPF4392
CP652						2N4091	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CP853					2N4448		
CR022	J				TCR5283		
CR024	J				TCR5284		
CR027	J				TCR5285		
CR030	J				TCR5286		
CR033	J				TCR5287		
CR039	J				TCR5288		
CR043	J				TCR5289		
CR047	J				TCR5290		
CR056	J				TCR5291		
CR062	J				TCR5292		
CR068	J				TCR5293		
CR075	J				TCR5294		
CR082	J				TCR5295		
CR091	J				TCR5296		
CR100	J				TCR5297		
CR110	J				TCR5298		
CR120	J				TCR5299		
CR130	J				TCR5300		
CR140	J				TCR5301		
CR160	J				TCR5302		
CR160	J				TCR5303		
CR180	J				TCR5304		
CR200	J				TCR5305		
CR220	J				TCR5306		
CR240	J				TCR5307		
CR270	J				TCR5308		
CR300	J				TCR5309		
CR330	J				TCR5310		
CR360	J				TCR5311		
CR430	J				TCR5313		
CR470	J				TCR5314		
CS1654	S	N		BC338			
CS1666	S	N		BF494			
CS1680	S	N		BF494			
CS1744	S	N		BC548			
CS9003	S	N		BC547			
CS9010	S	N		BC547B			
CS9011	S	N		BC547B			
CS9011H	S	N		BF494			
CS9013	S	N		BC547B			
CS9014	S	N		BC548			
CS9015	S	P		BC558			
CS9016	S	N		BF495			
CS9017	S	N		BF495			
CS9018	S	N		BF495			
CS9021D	S	N		BF495			
CS9021E	S	N		BF495			
CS9021F	S	N		BC549			
CS9022	S	N		BC549B			
CS9126	S	N		BC548			
CS9127	S	P		BC558			
CTP1002	G	P IN		(AD1311II)	ASZ15		
CTP1003	G	P IN		(AD1311III)			
CTP1003	G	P IN		OC28			
CTP1004	G	P IN		(AD1311III)	AD149	2N2836	
CTP1004	G	P IN		OC26			
CTP1005	G	P IN		(AD1311III)	AD149	2N2836	
CTP1005	G	P IN		OC26	OC27		
CTP1006	G	P IN		(AD1311III)	ASZ16		
CTP1006	G	P IN		OC29			
CTP1032	G	P IN		(ACT511V)	AC125	2N2429	
CTP1032	G	P IN		AC126			
CTP1033	G	P IN		(ACT511V)	AC126	2N2429	
CTP1033	G	P IN		AC126			
CTP1034	G	P IN		(ACT511V)	AC126	2N2429	
CTP1034	G	P IN		AC126			
CTP1035	G	P IN		(ACT511V)	AC125	2N2429	
CTP1035	G	P IN		AC126			
CTP1036	G	P IN		(ACT511V)	AC126	2N2429	
CTP1036	G	P IN		AC126			
CTP1102	G	P IN		(AU*191V)			
CTP1104	G	P IN		AD1301II	OC26	2N2062A	2N2836
CTP1104	G	P IN		AD149	OC30		
CTP1106	G	P IN		(AU*191V)			
CTP1108	G	P IN		AD1301V	AD1301II	2N2061A	2N2836

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
CTP1108	G	P	IN	OC26	AD130				
CTP1108				AD149					
CTP1109	G	P	IN	AD130V	AD150IV	2N2061A	2N2836		
CTP1109				OC26	AD130III				
CTP1109				AD149	AD150				
CTP1109				T156					
CTP1111	G	y	P	(AU21III)	ASZ15	2N2065A		2S8472	
CTP1111				AD132II	AD131				
CTP1111				AD132III					
CTP1112	G	P	IN	(AD163III)					
CTP1117	G	G	P	(AD131III)					
CTP1119	G	G	P	(AD131III)					
CTP1127	G	G	P	(AD162III)					
CTP1133	G	G	P	(AD131III)					
CTP1136	G	G	P	(AD131III)					
CTP1137	G	G	P	(AD131III)					
CTP1265	G	G	P	(AU21IV)					
CTP1266	G	G	P	(AU21IV)					
CTP1296	G	G	P	(AU22IV)					
CTP1297	G	G	P	(AU22IV)					
CTP1306	G	G	P	(AU21IV)					
CTP1307	G	G	P	(AU21IV)					
CTP1320	G	G	P	(AC161IV)	AC126	2N2429			
CTP1320				AC126					
CTP1330	G	G	P	(AC151IV)	AC125	2N2429			
CTP1330				AC126					
CTP1340	G	G	P	(AC151IV)	AC125	2N2429			
CTP1340				AC126					
CTP1350	G	G	P	(AC151V)	AC125	2N2429			
CTP1360	G	G	P	(AC151V)					
CTP1360				(AC121IV)	AC126	2N2429			
CTP1390	G	G	P	AF185	AF127				
CTP1390				(AC121V)	OC45				
CTP1400	G	G	P	AF185	AF127				
CTP1400				AF185	OC45				
CTP1410	G	G	P	(AC121V)	AF126				
CTP1410				AF185	OC44				
CTP1500	G	G	P	AUY21II	AD138	2N1100	2N1556		06
CTP1500				ASZ16	ADZ12				06
CTP1500				AUY21					06
CTP1503	G	G	P	AUY21II	AD104	2N1100	2N1555		06
CTP1503				ASZ16	AD138				06
CTP1603				ADZ12					06
CTP1504	G	G	P	AD153III	(AU22IV)	2N1554			
CTP1504			IN, ST, KS	AUY21III	AD133				
CTP1504				AUY28	AD138				
CTP1504				ASZ16					
CTP1505	G	G	P	(AU29III)					
CTP1506	G	G	P	(AU29IV)					
CTP1507	G	G	P	(AU29III)					
CTP1508	G	G	P	AD138	(AU21IV)	2N1553			
CTP1508			IN, ST, KS	AD133III	AD133				
CTP1508				ADZ11	AD136				
CTP1509	G	G	P	(AU29III)	ADZ12				
CTP1513	G	G	P	(AU29V)					
CTP1514	G	G	P	(AU29V)	AD149	2N2836			
CTP1514				OC26					
CTP1550	G	G	P	(AU21IV)					
CTP1551	G	G	P	(AU22IV)	ASZ15				
CTP1728	G	G	P	(AU21IV)					
CTP1729	G	G	P	(AU20IV)					
CTP1730	G	G	P	(AU34IV)					
CTP1731	G	G	P	(AU19V)					
CTP1732	G	G	P	(AU20V)					
CTP1733	G	G	P	(AU34IV)					
CTP1735	G	G	P	(AU19V)					
CTP1736	G	G	P	(AU19V)					
CTP1739	G	G	P	(AU19III)					
CTP3500	G	G	P	ADZ12					06
CTP3503	G	G	P	ADZ12					06
CTP3504	G	G	P	(AU22IV)					06
CTP3508	G	G	P	(AU21IV)					06
CTP3550	G	G	P	(AU21IV)					06
CTP3551	G	G	P	(AU22IV)					06
CV2389	G	G	P	UK	GET114	V10/30A			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV2389				OC71			
CV2400	G	F	UK	GET105	V10/30A		
CV2400				OC71			
CV5105	G	P	UK	OC48			
CV5321	G	P	UK			2N456	
CV5328	G	F	UK	OC35X2			
CV5329	G	P	UK	OC28X2			
CV5334	S	P	UK	OC480			
CV5337	G	P	UK	OC73			
CV5352	G	P	UK	OC47C			
CV5368	G	P	UK	XS101			
CV5411	G	P	UK	GET110X			
CV5416	G	P	UK	OC84			
CV5439	G	P	UK	OC75			
CV5445	G	P	UK	NKT203			
CV5457	G	P	UK	ASZ20	OC70		
CV5460	G	P	UK	GET104			
CV5466	G	P	UK			2N512A	
CV5620	G	N	UK			2N178	
CV5621	G	N	UK			2N144/13	
CV5622	G	P	UK			2N158	
CV5623	G	P	UK			2N247	
CV5624	G	P	UK			2N274	
CV5625	S	N	UK			2N332	
CV5626	S	N	UK			2N337	
CV5627	S	N	UK			2N339	
CV5628	G	P	UK			2N344	
CV5629	G	N	UK			2N357	
CV5630	G	P	UK			2N384	
CV5631	G	P	UK			2N404	
CV5632	G	P	UK			2N457	
CV5633	G	P	UK			2N458	
CV5634	U	PN	UK			2N489	
CV5635	U	PN	UK			2N491	
CV5636	S	N	UK			2N498	
CV5637	S	N	UK			2N452	
CV5638	S	N	UK			2N550	
CV5639	G	N	UK			2N585	
CV5640	G	P	UK			2N527	
CV5641	G	P	UK			2N651	
CV5642	G	P	UK			2N870	
CV5643	G	P	UK			2N874	
CV5644	S	N	UK			2N887	
CV5645	G	P	UK			2N1044/1	
CV5646	G	P	UK			2N1100	
CV5647	S	P	UK			2N1131	
CV5648	S	N	UK			2N1139	
CV5649	G	P	UK			2N1184	
CV5650	S	P	UK			2N1196	
CV5651	G	P	UK			2N1285	
CV5652	S	N	UK			2N1149	
CV5653	S	N	UK			2N1150	
CV5654	S	N	UK			2N1152	
CV5655	S	N	UK			2N1195	
CV5661	S	N	UK			2N1253	
CV5663	G	P	UK			2N502	
CV5703	G	P	UK			2N173	
CV5710	G	P	UK	OC44			
CV5711	G	P	UK	OC77			
CV5712	G	P	UK	OC71			
CV5713	G	P	UK	OC72			
CV6733	G	P	UK			2N277	
CV5740	S	P	UK	OC202			
CV5761	S	P	UK			2N1132	
CV5762	G	P	UK			2N601	
CV5773	G	P	UK			2N174	
CV5774	G	P	UK	GT35			
CV5776	G	P	UK			2N1136B	
CV5776	G	N	UK			2N144/13	
CV5778	G	P	UK			2N525	
CV5781	G	N	UK			2N35	
CV5782	G	N	UK			2N440	
CV5794	G	N	UK			2N377	
CV5785	G	N	UK			2N169A	
CV5789	S	N	UK			2N333	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV5792	S	N	JK			2S702	
CV5804	G	P	JK	OC170			
CV5806	G	P	JK		2N1123		
CV5813	G	P	JK	OC123			
CV5814	G	P	JK	TK300			
CV5818	G	P	JK	AS223			
CV5826	S	P	JK	OC206			
CV5832	G	P	JK		2N589		
CV5833	G	P	JK	GET875			
CV5844	S	P	JK	OC201			
CV5848	S	P	JK	BCZ11			
CV5849	S	P	JK	OC202			
CV5850	S	P	JK	OC203			
CV5851	G	P	JK	GET573			
CV5856	G	P	JK	GET110			
CV5857	G	P	JK	OC42			
CV5858	S	P	JK	OC201			
CV5860	S	N	JK	ZT23			
CV5861	G	P	JK		2G401		
CV5863	S	N	JK	ZT21			
CV5865	S	P	JK	OC206			
CV5878	G	P	JK	GET102			
CV5879	G	P	JK	GET111			
CV5885	G	P	JK	TK420			
CV5887	G	P	JK		2N2048		
CV5888	G	P	JK		2N2048		
CV5902	G	P	JK	GET104		2S005	
CV5909	S	N	JK			2S109	
CV5910	S	N	JK				
CV5913	S	N	JK		2N1718		
CV5942	G	P	JK		2N1742		
CV5949	G	P	JK		2G220		
CV5951	S	P	JK	BCY32			
CV5960	S	N	JK			2S002	
CV5967	G	P	JK		2G403		
CV5970	S	P	JK	OC701K			
CV5974	S	N	JK			2S102	
CV5975	S	N	JK			2S103	
CV5978	S	P	JK		2N1255		
CV5980	S	P	JK	OC206			
CV5994	G	P	JK		2G225		
CV5995	S	N	JK			2S703	
CV5996	G	P	JK		2N1744		
CV7001	G	P	JK	ACY31	GET103	2G303	
CV7002	G	P	JK	GET116		2G382	
CV7003	G	P	JK	ASY55	OC44	2G302	
CV7004	G	P	JK	ASY54	GET873		
CV7004	G	P	JK	OC45			
CV7005	G	P	JK	GET103	OC71	2G371	2N280
CV7006	G	P	JK	GET103	OC72	2N281	2N374
CV7006	G	P	JK	V10/50A			
CV7007	G	P	JK	GET111	OC77	2G377	
CV7008	G	P	JK	GET106	V10/50A		
CV7009	G	P	JK	GET110	V80/201P		
CV7010	G	P	JK	OC16	OC26	2N1314	
CV7010	G	P	JK	V30/30P			
CV7011	G	P	JK	V80/30P			
CV7012	G	P	JK	V80/30P			
CV7042	G	P	JK	ASY63	GET872	2G302	
CV7043	S	P	JK	BCZ10	OC200	TK298	2S322
CV7044	S	P	JK	BCZ11	OC201		2S323
CV7054	G	P	JK	OC23			2S002
CV7056	S	N	JK				2S003
CV7057	S	N	JK				2S004
CV7058	S	N	JK				2S006
CV7059	S	N	JK				2S014
CV7060	S	N	JK				2S012A
CV7061	S	N	JK				2S017
CV7062	S	N	JK				2S018
CV7063	S	N	JK				2S019
CV7064	S	N	JK				2S020
CV7065	S	N	JK				2S013A
CV7074	G	P	JK	GET103			
CV7075	S	P	JK	OC201			2S323

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV7080	G	P	UK	GET571			
CV7081	G	P	UK	GET572			
CV7082	G	P	UK	GET573			
CV7083	G	P	UK	NKT402	OC29		
CV7084	G	P	UK	NKT404	OC35		
CV7085	G	P	UK	NKT401	OC28		
CV7086	G	P	UK	OC36			
CV7087	G	P	UK	GET875		2G306	
CV7089	G	P	UK	OC171		2G401	
CV7107	G	P	UK	ACY31			
CV7111	G	N	UK	OC139			
CV7112	G	N	UK	OC140			
CV7117	S	P	UK	OC203			
CV7118	S	P	UK	XB114			
CV7131	S	N	UK	ZT20		2N1564	
CV7132	S	N	UK	ZT21		2N1565	
CV7133	S	N	UK	ZT22			
CV7134	S	N	UK	ZT23		2N1564	
CV7149	S	P	UK				25302
CV7151	S	P	UK	BCY32			25303
CV7182	S	P	UK				25301
CV7154	S	N	UK	ZT43			25103
CV7185	G	P	UK	ASY86			
CV7186	S	N	UK	ZT45			
CV7187	S	N	UK	ZT46			
CV7188	S	P	UK	OC205			
CV7321	G	P	UK	OC72X2			
CV7326	G	P	UK	GET111		2G377	
CV7327	G	P	UK	GET102		2G371	
CV7328	S	N	UK				25104
CV7333	S	N	UK				25025
CV7334	S	N	UK				25026
CV7335	G	P	UK	AFZ12			
CV7336	S	N	UK			2N743	25131
CV7337	S	N	UK			2N744	25131
CV7388	G	P	UK	ASZ21			
CV7341	S	P	UK	BCY32			25300
CV7342	S	P	UK	BCY32			25300
CV7343	S	P	UK	BCY32			25300
CV7344	S	P	UK	BCY32			25300
CV7345	S	P	UK	BCY32			25300
CV7346	S	P	UK	BCY32			25300
CV7348	G	N	UK			2N1302	
CV7349	G	N	UK			2N1304	
CV7350	G	N	UK			2N1306	
CV7351	G	N	UK			2N1308	
CV7352	G	P	UK			2N1303	
CV7353	G	P	UK			2N1305	
CV7354	G	P	UK			2N1307	
CV7355	G	P	UK			2N1309	
CV7381	S	N	UK	BUY11			
CV7382	S	N	UK	BSY25		2N2217	
CV7383	S	P	UK	BCZ11			25305
CV7385	G	P	UK	GET116			25305
CV7386	S	P	UK				
CV7370	G	P	UK			2N601	
CV7371	S	N	UK	ZT83		2N2220	
CV7372	G	N	UK	ZT84		2N2221	
CV7373	S	N	UK	ZT86			
CV7376	G	P	UK	ACY17			
CV7378	S	N	UK			2N916	
CV7390	G	P	UK			2G102	
CV7392	G	P	UK	GET116			
CV7393	G	P	UK			2N705	
CV7394	G	P	UK			2N711	
CV7395	S	P	UK				25307
CV7404	S	N	UK			2N1893	
CV7430	S	N	UK	BSY26			
CV7431	S	N	UK	BSY27		2N753	
CV7436	G	P	UK	ACY18			
CV7437	G	P	UK	ACY19			
CV7438	G	P	UK	ACY20			
CV7439	G	P	UK	ACY21			
CV7440	S	N	UK	BFY19		2N1613	
CV7448	G	P	UK	BSY60			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV7451	S	N	UK		2N1479		
CV7452	S	N	UK		2N1480		
CV7453	S	N	UK		2N1481		
CV7454	S	N	UK		2N1482		
CV7455	S	N	UK		2N1483		
CV7456	S	N	UK		2N1484		
CV7457	S	N	UK		2N1485		
CV7458	S	N	UK		2N1486		
CV7459	S	P	UK	OC205			
CV7460	G	P	UK	AUY10			2S300
CV7461	S	N	UK				
CV7462	S	P	UK				
CV7463	S	P	UK		2N2411		2S103
CV7464	S	N	UK		2N2412		
CV7477	S	N	UK	C83	2N706A		
CV7478	S	N	UK		2N918		
CV7479	S	N	UK		2N2060		
CV7480	S	N	UK		2N1511		
CV7481	S	N	UK		2N1512		
CV7482	S	N	UK		2N1513		
CV7483	G	P	UK				
CV7490	S	N	UK		2N1514		
CV7491	S	N	UK	BFY17			
CV7492	S	N	UK	BFY18			
CV7493	S	N	UK		2N929		
CV7494	G	P	UK	OC20	2N930		
CV7495	S	N	UK				
CV7496	S	N	UK		2N696		
CV7497	S	N	UK	C64	2N697		
CV7527	S	N	UK	ZT1487			
CV7528	S	N	UK	ZT1488			
CV7529	S	N	UK	ZT1489			
CV7530	S	N	UK	ZT1490			
CV7554	S	N	UK		2N2475		
CV7555	S	N	UK		2N2369A		
CV7580	S	P	UK				
CV7581	S	P	UK		2N1131		
CV7588	S	N	UK		2N1132		
CV7583	S	N	UK				2S104P
CV7594	S	P	UK		2N2477		
CV7595	S	P	UK		2N2894		
CV7596	S	P	UK		2N3209		
CV7596	S	N	UK				
CV7597	G	P	UK				2S103
CV7598	S	P	UK		2N501		
CV7602	S	P	UK	ZT152			2S301
CV7603	S	P	UK	ZT153			
CV7604	S	P	UK	ZT154			
CV7605	S	N	UK				
CV7606	G	P	UK	ADZ11	2N916		
CV7607	G	P	UK	ADZ12			
CV7608	G	P	UK	ADY26			
CV7609	S	N	UK	BFY19			
CV7610	S	N	UK	BFY19			
CV7627	S	N	UK	BSX15			
CV7628	S	N	UK	BSX16			
CV7629	S	N	UK				
CV7630	S	P	UK				
CV7631	S	P	UK		2N2696		2S024
CV7632	S	N	UK	ZT192	2N2904	2N2927	
CV7633	S	N	UK	ZT192			
CV7639	S	N	UK	ZT190			
CV7644	S	P	UK	ZT189			
CV7646	S	N	UK				
CV7647	S	P	UK		2N706		
CV7648	S	N	UK	8SY95A			2S322
CV7669	S	P	UK				
CV7670	S	P	UK		2N2904		
CV7671	S	P	UK		2N2905		
CV7672	S	P	UK		2N2904A		
CV7673	S	P	UK		2N2905A		
CV7674	S	P	UK		2N2906		
CV7675	S	P	UK		2N2907		
CV7676	S	P	UK		2N2906A		
CV7722	S	N	UK		2N2907A		
CV7723	S	N	UK	BFY50- BFY51			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV7724	S	N	UK	BFY52			
CV7725	S	N	UK	BFY60			
CV7726	S	N	UK	BFY51			
CV7750	S	N	UK	ZT81			
CV7751			UK	ZT811			
CV7752	S	N	UK	ZT82			
CV7753	S	P	UK	ZT182			
CV7754	S	N	UK	ZT87			
CV7785	S	P	UK	ZT187			
CV8007	S	P	UK	OC702K			
CV8015	S	N	UK				
CV8111	G	P	UK	GET105		7508	
CV8119	G	N	UK		2N1302		
CV8126	G	P	UK	NKF124			
CV8130	G	P	UK	ACY18			
CV8150	G	P	UK	GET880			
CV8252	G	P	UK	OC42			
CV8259	G	P	UK	ACY21			
CV8288	G	P	UK	TK13			
CV8314	G	P	UK	OC76			
CV8315	G	P	UK	OC4			
CV8316	G	P	UK	OC85			
CV8322	G	P	UK				
CV8333	S	N	UK		2G220X2		
CV8336	G	P	UK		2N1482		
					2G210X2		
CV8341	G	P	UK	OC4			
CV8342	G	P	UK	OC28			
CV8344	G	P	UK	OC71			
CV8345	G	N	UK	OC140			
CV8346	G	P	UK	OC77			
CV8347	S	P	UK	OC201			
CV8349	S	P	UK	OC203			
CV8354	G	P	UK	OC170			
CV8355	G	P	UK	OC22			
CV8356	G	P	UK	OC29			
CV8359	G	P	UK		2G306		
CV8360	S	N	UK	ZT23	2G104		
CV8361	G	P	UK				
CV8362	G	P	UK	GET103			
CV8363	G	P	UK	GET102			
CV8366	G	P	UK	GET573			
CV8368	G	P	UK		2G221		
CV8369	G	P	UK		2G140		
CV8370	S	N	UK			25005	
CV8371	G	N	UK		2N388		
CV8372	G	P	UK		2G304		
CV8373			UK				
CV8389	G	P	UK	OC71		25108	
CV8393	S	P	UK			25301	
CV8396	S	N	UK			25026	
CV8397	G	N	UK		2N1308		
CV8398	G	P	UK		2N1307		
CV8399	G	P	UK		2N1309		
CV8400	G	P	UK		2G220		
CV8414	S	N	UK	DT1121			
CV8415	S	N	UK	DT1111			
CV8416	S	N	UK	DF1112			
CV8417	S	N	UK			25002	
CV8421	S	N	UK			25004	
CV8422	S	N	UK			25070	
CV8424	S	N	UK	DF4111			
CV8425	S	P	UK	OC450			
CV8426	S	P	UK	OC470			
CV8427	S	P	UK	OC470			
CV8439	G	P	UK		2N174x2		
CV8440	G	P	UK	OC72			
CV8447	S	P	UK	OC200			
CV8448	G	P	UK	OC23			
CV8451	S	N	UK			25119	
CV8453	S	N	UK			25102	
CV8465	S	N	UK			25003	
CV8467	S	N	UK		2N930		
CV8473	S	P	UK				
CV8480	G	P	UK	CC36		25324x2	
CV8484	S	N	UK		2N1721		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV8500	S	P	UK			2S321	
CV8501	G	P	UK	NKT403			
CV8509	G	P	UK		2N441		
CV8541	U	P	UK		2N1671A		
CV8542	S	N	UK		2N334A		
CV8543	S	P	UK		2N685		
CV8549	S	P	UK	BCZ11			
CV8551	G	P	UK	OC480K			
CV8558	G	P	UK	GET111			
CV8559	G	P	UK	NKT223			
CV8560	G	P	UK	OC26			
CV8565	G	P	UK	OC450K			
CV8568	S	N	UK		2N916		
CV8582	G	P	UK	GT42			
CV8593	G	P	UK		2N1536		
CV8597	S	P	UK		2N876		
CV8598	S	P	UK		2N877		
CV8600	G	P	UK		2N396		
CV8601	S	N	UK		2N719A		
CV8602	S	N	UK		2N1990		
CV8603	S	N	UK		2N2297		
CV8607	G	P	UK	GET113			
CV8609	S	N	UK	BFY16			
CV8611	S	N	UK			2S024	
CV8612	S	N	UK			2S323	
CV8613	S	N	UK			2S712	
CV8615	S	N	UK				
CV8618	G	P	UK	BSY95A			
CV8635	G	P	UK	GET885			
CV8638	G	P	UK	AFZ11			
				AFZ12A			
CV8639	G	P	UK	AFZ12B			
CV8641	G	P	UK	GET890			
CV8642	G	P	UK	GET887			
CV8643	S	N	UK			2S701	
CV8645	S	N	UK			2S017	
CV8647	S	N	UK	ZT92			
CV8649	S	N	UK	ZT86			
CV8661	G	P	UK		2N1204		
CV8662	G	P	UK		2N1499A		
CV8668	G	P	UK		2N513A		
CV8673	G	P	UK		2G227		
CV8677	G	P	UK	ZT227C			
CV8686	G	P	UK	NKT401X2			
CV8696	S	N	UK	ASY64			2S711
CV8700	S	N	UK				
CV8702	G	P	UK		2N976		
CV8710	S	N	UK		2N1889		
CV8712	J	UK			2N2398		
CV8718	S	P	UK	BCY39			
CV8722	S	P	UK			2S306	
CV8723	J	P	UK		2N2498		
CV8724	G	P	UK	DC83			
CV8725	G	P	UK		2N257		
CV8728	S	N	UK		2N715		
CV8729	S	N	UK		2N706A		
CV8756	G	P	UK	OC122			
CV8758	S	N	UK		2N1720		
CV8760	S	P	UK	BCY31			
CV8762	S	P	UK			2S372	
CV8765	G	P	UK	NKT213			
CV8767	U	P	UK		2N2160		
CV8775	G	P	UK	ADZ12			
CV8781	S	N	UK			2S020	
CV8782	S	N	UK			2S026	
CV8783	S	P	UK			2S304	
CV8785	G	P	UK		2N1309		
CV8786	G	P	UK		2N1309		
CV8789	G	P	UK		2N458AX2		
CV8792	G	P	UK	CTP1109			
CV8794	G	P	UK	NKT226			
CV8796	G	N	UK		2N1302		
CV8799	G	P	UK		2N1303		
CV8800	G	P	UK		2N1184B		
CV8801	G	P	UK	NKT301			
CV8802	G	P	UK	NKT127			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV8803	G	P	UK		2N268		
CV8804	G	P	UK		2N1021		
CV8806	S	N	UK		2N1481		
CV8807	S	P	UK	OC700			
CV8810	G	P	UK	NKT304			
CV8817	G	P	UK		2N1692		
CV8818	S	N	UK			2S722	
CV8819	G	N	UK		2N1030		
CV8826	S	P	UK	OC203			
CV8827	S	N	UK			2S017	
CV8828	G	P	UK		2N6778		
CV8830	S	P	UK	OC440			
CV8831	S	P	UK	OC460			
CV8832	G	P	UK		2N499		
CV8837	G	N	UK	NKT713			
CV8838	G	P	UK	NKT32			
CV8843	S	N	UK		2N1613		
CV8844	S	N	UK		2N708		
CV8845	S	N	UK		2N2223		
CV8846	S	P	UK		2N869		
CV8847	S	P	UK		2N995		
CV8848	G	P	UK		2N227C		
CV8849	G	P	UK		2N1038		
CV8850	G	P	UK		2N1907		
CV8856	S	P	UK		2N1131		
CV8857	S	P	UK		2N2233		
CV8863	S	N	UK	8LY12			
CV8864	G	P	UK		2N645		
CV8874	S	N	UK		2N2432		
CV8876	S	N	UK		2N1410		
CV8876	S	N	UK		2N1506		
CV8881	S	N	UK		2N1716		
CV8883	S	N	UK		2N2846		
CV8886	S	N	UK			2S025	
CV8887	S	P	UK		/	2S01/X2	
CV8889	S	N	UK		2N3055		
CV8890	S	N	UK		2N3063		
CV8891	S	P	UK	OC701			
CV8894	S	P	UK	OC204			
CV8899	G	P	UK		2N458X2		
CV8901	S	N	UK		2N2739		
CV8902	S	N	UK		2N3054		
CV8903	S	N	UK		2N1016		
CV8908	S	N	UK		2N708A		
CV8910	S	N	UK			2S025	
CV8911	S	N	UK		2N1700		
CV8913	S	N	UK		2N2218		
CV8915	S	N	UK				
CV8916	S	N	UK	BFY19			
CV8923	G	N	UK	BSY26			
CV8924	G	P	UK		2N444A		
CV8925	G	P	UK		2N456A		
CV8941	S	N	UK		2N457A		
CV8942	S	P	UK		2N1483		
CV8950	S	P	UK		2N1266		2S308
CV8966	G	N	UK	OC139			
CV8968	S	P	UK		2N1254		
CV8970	S	P	UK			2S308	
CV8972	S	P	UK		2N2800		
CV8979	G	P	UK		2N1396		
CV8981	J		UK		2N1742X2		
CV8982	G	P	UK	OC25			
CV9000	G	P	UK		2N386		
CV9001			UK	ASY67			
CV9002	S	P	UK			2S320	
CV9004	S	P	UK		2N727		
CV9008	G	P	UK		2N1907		
CV9017	S	N	UK		2N1701		
CV9020	G	P	UK		2N1225		
CV9021	S	P	UK	BSY25			
CV9029	S	P	UK		2N721		
CV9031	G	N	UK		2N797		
CV9033	S	N	UK	BUY11			
CV9035	S	N	UK			2S721	
CV9039	G	P	UK	GET882			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV9040	G	N	UK	ASY29			
CV9047	S	P	UK				
CV9048	S	P	UK		2N2894		
CV9065	S	N	UK		2N2696		
CV9068	S	P	UK		2N698		2S324
CV9059	S	P	UK	BCY40			
CV9068	O	P	UK	OC71			
CV9068	C	P	UK	GET881			
CV9070	C	P	UK	GET889			
CV9071	C	P	UK	GET892			
CV9074	S	N	UK	BSY29			
CV9075	S	N	UK		2N916		
CV9083	N	N	UK		2N2243A		
CV9098	G	P	UK		2N458A		
CV9101	S	N	UK		2N2040		
CV9104	S	P	UK	BCY32X2			
CV9106	G	P	UK	GT46			
CV9111	G	P	UK	GT43			
CV9114	S	N	UK				2S732
CV9128	U	N	UK		2N494		
CV9129	S	N	UK		2N10188		
CV9139	S	N	UK		2N1893		
CV9131	S	N	UK		2N2150		
CV9132	S	N	UK		2N2219		
CV9133	S	N	UK		2N2484		
CV9134	S	P	UK		2N2905		
CV9157	S	P	UK		2N1918		
CV9177	C	P	UK		2G4035		
CV9183	C	P	UK	TS13			
CV9184	G	P	UK		2N597		
CV9190	G	P	UK	NKT271			
CV9192	S	P	UK		2N2905A		
CV9209	S	N	UK				2S018
CV9211	S	N	UK		2N706		
CV9212	S	N	UK		2N703		
CV9215	S	N	UK	BSY96			
CV9216	S	N	UK		2N3447		
CV9218	S	N	UK		40251		
CV9235	G	P	UK		2N711		
CV9243			UK		4011C		
CV9247	S	P	UK	BCY31			
CV9249	G	P	UK		2G401		
CV9250	G	P	UK		2N297		
CV9251	G	P	UK		2N397		
CV9255	S	N	UK		2N3553		
CV9256	S	N	UK		2N3263		
CV9258	G	P	UK	GET103X2			
CV9259	G	P	UK	OC83			
CV9261	G	N	UK		2N1304		
CV9264	G	P	UK	OC35			
CV9266	C	P	UK	GET538			
CV9267	G	P	UK	GET888			
CV9290	S	N	UK		2N2893		
CV9291	S	N	UK		2N914		
CV9294			UK	XK575			
CV9298	S	N	UK		2N549		
CV9300	S	N	UK		2N2021		
CV9308	G	P	UK	NKT405			
CV9313	G	P	UK		2N525A		
CV9314	U	N	UK		2N1671A		
CV9318	G	P	UK		2N1553		
CV9320	S	N	UK		2N2368		
CV9321	S	N	UK				2S104
CV9324	G	P	UK		2N669B		
CV9342	G	P	UK	NKT404			
CV9347	S	N	UK		SE3001		
CV9351	G	P	UK	AFZ12			
CV9362	U	N	UK		2N1671B		
CV9364	S	P	UK		2N2861		
CV9369	S	N	UK	BUY10			
CV9360			UK	BLY11			
CV9364	S	N	UK		2N2223A		
CV9366	S	P	UK		2N3072		
CV9367	S	N	UK		2N3442		
CV9368	S	N	UK		2N2484		

TYPE	M/S	POL	MÁNUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV9372	G	P	UK	NKT218			
CV9373	G	P	UK	GET872			
CV9375	G	P	UK	ACY30			
CV9378	S	N	UK	8FX21			
CV9379	S	N	UK	BSY96A			
CV9384	S	N	UK		2N3235		
CV9382	J	N	UK	ZT2474			
CV9395	S	N	UK		2N2194		
CV9400	S	N	UK		2N183		
CV9407	G	P	UK		2N539		
CV9415	G	P	UK		2G302		
CV9420	S	P	UK	BCY18			
CV9426	S	N	UK	BFY50			
CV9430	S	P	UK	BCY30			
CV9431	S	P	UK	BCY34			
CV9436	S	N	UK		2N3441		
CV9437	S	N	UK		2N3442		
CV9447	G	P	UK	OC77			
CV9449	S	N	UK		2N3858X2		
CV9456	G	P	UK	AU130			
CV9457	G	P	UK	ACY39			
CV9483	S	N	UK		2N1711		
CV9477	S	N	UK		2N2338		
CV9481	G	P	UK		2N1309		
CV9483	G	P	UK	ACY20			
CV9484	G	P	UK	ACY17			
CV9486	S	N	UK		2N709		
CV9487	G	P	UK		2N1534		
CV9486	G	N	UK		2N1311		
CV9486	G	P	UK		2N2656		
CV9508	S	P	UK	BFY64			
CV9512	S	N	UK		2N2979		
CV9513	J	N	UK		2N3278		
CV9516	S	N	UK		2N2824		
CV9516	S	P	UK	ZT211			
CV9518	S	P	UK		2N2890		
CV9526	G	P	UK		2N1754		
CV9538	S	P	UK	BCY54			
CV9562	S	N	UK		2N699		
CV9563	G	P	UK		2N1306		
CV9564			UK		2N1369A		
CV9565	S	N	UK		25733		
CV9565	S	P	UK		25306		
CV9577	G	P	UK		2N1531		
CV9578	G	P	UK		2N1748A		
CV9585	S	N	UK	BFY20			
CV9586	S	P	UK		2N3906		
CV9589	S	N	UK		40250		
CV9590	S	N	UK		40231		
CV9602	U		UK		2N492A		
CV9603	S	N	UK		2N2892		
CV9604	S	N	UK		2N2102		
CV9605	J	N	UK		2N3993		
CV9608	J	N	UK		2N3824		
CV9611	G	P	UK		2N1147		
CV9623	S	P	UK		2N3467		
CV9624	S	N	UK		2N3252		
CV9628	S	N	UK		2N3252		
CV9667	S	N	UK		2N3236		
CV9668	S	N	UK		2N706B		
CV9669	S	N	UK		2N2538		
CV9670	G	P	UK		2N966		
CV9697	S	N	UK		2N310B		
CV9699	S	N	UK		2N2369		
CV9700	G	P	UK		2N1147B		
CV9701	S	N	UK		2N3501		
CV9702	S	P	UK		2N3637		
CV9703	S	N	UK		2N1052		
CV9705	S	P	UK		2N3503		
CV9706	S	N	UK		2N3375		
CV9707	S	N	UK		2N347B		
CV9716	S	N	UK		2N3419		
CV9717	S	N	UK		2N1506A		
CV9719	S	N	UK	ZT2876			
CV9724	S	N	UK	BSY25			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV9730	G	P	UK	ASY26			
CV9734	S	N	UK		2N342		
CV9735	S	N	UK		2N341		
CV9736	S	N	UK		2N332		
CV9737	S	N	UK		2N333		
CV9741	S	N	UK		2N1488		
CV9742	S	N	UK		2N1483		
CV9760	S	N	UK	ZT1483			
CV9761	S	N	UK	ZT1484			
CV9762	S	N	UK	ZT1485			
CV9763	S	N	UK	ZT1486			
CV9766	G	N	UK		2N856		
CV9767	G	P	UK		2N174A		
CV9777	G	N	UK	AD161	AD162		
CV9778	G	P	UK	AC126			
CV9780	S	N	UK	8C107			
CV9786	S	N	UK		2N3584		
CV9791	S	P	UK		2N3121		
CV9792	S	N	UK		2N2193		
CV9793	S	N	UK		2N3418		
CV9794	S	N	UK	8SX23			
CV9797	G	P	UK	OC83X2			
CV9798	G	P	UK		2N1755		
CV9807	G	P	UK		2N2087		
CV9808	S	N	UK		2N1899		
CV9811	G	P	UK	GM3788			
CV9815	C	P	UK	OC20X2			
CV9829	C	P	UK		2N422		
CV9830	S	N	UK		2N917		
CV9831	G	P	UK		2N2287		
CV9832	G	P	UK		2N158A		
CV9861	S	N	UK	ZT1479			
CV9862	S	N	UK	ZT1480			
CV9863	S	N	UK	ZT1481			
CV9864	S	N	UK	ZT1482			
CV9865	S	N	UK	ZT1487			
CV9866	S	N	UK	ZT1488			
CV9867	S	N	UK	ZT1489			
CV9868	S	N	UK	ZT1490			
CV9869	S	N	UK		2N1973		
CV9872	S	N	UK		2N2033		
CV9873	U	UK			2N489		
CV9888	S	N	UK		2N3019		
CV9895	S	N	UK	BSY11			
CV9898	S	N	UK		2N1016A		
CV9913	G	N	UK		2N338		
CV9914	S	P	UK		2N1131A		
CV9925	G	P	UK		2N711A		
CV9927	G	P	UK	OC71X2			
CV9928	G	P	UK	OC44X2			
CV9939	S	N	UK	BFY11			
CV9944	G	P	UK		2N526		
CV9955	S	N	UK	BUY11			
CV9956	S	N	UK	BFY18			
CV9957	S	N	UK	BSY25			
CV9958	S	N	UK	BSY27			
CV9959			UK	ASY60			
CV9961	G	P	UK	ASZ21			
CV9962	S	N	UK	ZT43			
CV9975	S	N	UK		2N947		
CV9977	S	N	UK			2S033	
CV9978	S	N	UK			2S034	
CV9979	S	N	UK			2S035	
CV9980	S	N	UK			2S036	
CV9986	S	N	UK		2N335		
CV9988	S	N	UK		2N1647		
CV10018	S	N	UK		2N910		
CV10037	G	P	UK		2N1031B		
CV10040	S	N	UK			2S731	
CV10044	S	N	UK		2N2916		
CV10046	S	N	UK		2N3866		
CV10047	S	N	UK		2N3832		
CV10048	J	P	UK		2N2487		
CV10053	J	N	UK	ZFT14			
CV10060	S	N	UK		2N743		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV10061	G	N	UK	OC141			
CV10063	G	P	UK	NKT877			
CV10068	G	P	UK	OC171			
CV10075	S	N	UK		2N1485		
CV10082	S	N	UK			2S104	
CV10085	S	P	UK	OC206			
CV10086	S	P	UK			2S307	
CV10094	S	P	UK	8CY32			
CV10095	G	N	UK	ASY66	2N1308		
CV10109	G	P	UK				
CV10139	S	P	UK	OC466			
CV10140	S	N	UK		2N3572		
CV10141	S	N	UK		2N3110		
CV10142	S	N	UK		2N2891		
CV10143	S	N	UK		40422		
CV10150	S	N	UK	ZT82			
CV10159	S	N	UK	BFY52			
CV10160	G	P	UK	AD211			
CV10161	S	N	UK	ZDT21			
CV10162	G	N	UK		2N1672		
CV10164	G	P	UK		2G387		
CV10166	S	N	UK		40321		
CV10168	S	P	UK		2N2945		
CV10180	S	P	UK			2S326	
CV10181			UK			2S720	
CV10183	G	P	UK	ACY19			
CV10190	S	P	UK		2N2904		
CV10202	G	P	UK	NKT128			
CV10209	G	P	UK	NKT404X2			
CV10215	S	N	UK		2N1613		
CV10235	S	P	UK	BCY72			
CV10236	S	N	UK	BFY72			
CV10238	S	N	UK		2N3543		
CV10240	S	N	UK	ZT1514			
CV10243	S	N	UK	BF115			
CV10244	S	N	UK	ZT1513			
CV10266	G	P	UK	OC20			
CV10267	G	P	UK		2N3731		
CV10268	S	N	UK		2N3643		
CV10269	S	P	UK		2N3638		
CV10270	S	N	UK		2N3566		
CV10271	S	N	UK		2N3565		
CV10272	S	P	UK		2N3251		
CV10273	G	P	UK	OC43			
CV10274	G	P	UK		2N711		
CV10275	G	P	UK	ASY77			
CV10276	G	P	UK	AF118			
CV10279			UK	ZT1072			
CV10280	S	P	UK	8CY39			
CV10283	G	P	UK	ADY26			
CV10288	G	P	UK		2N2068		
CV10292	G	P	UK		2G303		
CV10304	S	N	UK		2N718		
CV10309	S	N	UK		2N2410		
CV10336	G	P	UK		2N222A		
CV10337	S	N	UK	BSY38			
CV10338	S	N	UK	BSY39			
CV10345	S	N	UK	BDY10			
CV10350	G	P	UK		2N2063		
CV10351	S	N	UK		2N3302		
CV10352	S	N	UK		2N3046		
CV10353	S	P	UK		2N3051		
CV10357	S	N	UK		2N424		
CV10376	G	P	UK	GET880			
CV10379	S	N	UK	BFY57			
CV10381	G	P	UK	NKT401			
CV10384	G	P	UK		2N140		
CV10391	S	N	UK		2N2479		
CV10393	S	N	UK		2N2405		
CV10394	G	P	UK		2G382		
CV10396	S	N	UK			2S502	
CV10409	S	P	UK			2S347	
CV10410	J	P	UK		2N2386		
CV10411	S	N	UK		2N2865		
CV10412	S	N	UK		2N2950		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV10413	S	N	UK		2N2951		
CV10414	G	P	UK		2N2998		
CV10415	S	N	UK		2N657		
CV10416	S	N	UK		2N930		
CV10419	S	N	UK		2N1568A		
CV10420	S	N	UK		2N1049A		
CV10432	S	P	UK		2N1132		
CV10440	S	N	UK	BC107			
CV10441	S	N	UK		2N3440		
CV10467	G	P	UK	NKT12			
CV10471	S	N	UK	BFY52			
CV10609	S	N	UK		2N2218		
CV10611	S	N	UK		2N743X2		
CV10620	S	N	UK	BFY79			
CV10631	S	N	UK	BFY44			
CV10632	S	N	UK		2N3018		
CV10633	S	N	UK	BFY90			
CV10640	S	N	UK	BFX84			
CV10641	S	N	UK	BC108			
CV10644	S	N	UK			25002	
CV10647	S	N	UK		2N3234		
CV10648	S	P	UK		2N4036		
CV10650	G	P	UK				
CV10652	S	N	UK	ACY22			
CV10666	S	N	UK		2N3262		
CV10657	S	N	UK		2N1489		
CV10658	S	N	UK		2N497		
CV10659	S	N	UK		2N3118		
CV10660	S	N	UK		2N3935		
CV10661	S	P	UK		2N3202		
CV10662	S	P	UK		2N3636		
CV10663	G	P	UK		2N2078		
CV10664	S	P	UK		2N3702		
CV10676	J	N	UK		2N3935		
CV10676	G	P	UK		2G308		
CV10677	G	P	UK		2N3323		
CV10680	G	P	UK		2N383		
CV10681	G	P	UK		2N1373		
CV10682	G	P	UK		2N2189		
CV10683	G	P	UK		2N2835		
CV10684	S	N	UK		2N3391		
CV10685	S	N	UK		2N2218A		
CV10688	S	P	UK		2N2185		
CV10695	J	N	UK		2N3436		
CV10601	S	N	UK		2N657A		
CV10602	S	N	UK		2N1481		
CV10618	S	N	UK	BC108			
CV10627	G	P	UK		2N1146		
CV10629	S	P	UK		2N2192		
CV10675	G	N	UK	BFX88			
CV10680	S	N	UK	AC176			
CV10681	S	N	UK		2N3703		
CV10682	S	P	UK	BFY83			
CV10683	S	N	UK		2N3704		
CV10684	J	N	UK		2N3819		
CV10686	G	N	UK		2N1308		
CV10692	S	N	UK				
CV10697	U	PN	UK				
CV10715	S	N	UK		2N491B		25024
CV10718	G	P	UK		40354		
CV10720	S	N	UK	CC36X2 BFY17			
CV10732	G	P	UK		2N1782		
CV10736	S	N	UK		2N2243		
CV10739	S	N	UK	ZT1708			
CV10740	S	P	UK	ZT183			
CV10741	S	P	UK	ZT184			
CV10747	S	P	UK		2N3504		
CV10750	S	N	UK		2G386		
CV10751	G	P	UK	ZT90	2N4393		
CV10766	J	N	UK				
CV10767	S	N	UK	BF185			
CV10768	S	N	UK				
CV10769	S	N	UK	BF184			
CV10778	S	N	UK	BC109			
CV10779	S	P	UK	BFY72X2			
CV10786	S	N	UK		2N3083		
					2N6998		

TYPE	M/S	POL	MANUPAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV10787	S	N	UK		2N3998		
CV10788	S	N	UK		2N3420		
CV10789	S	N	UK		2N3570		
CV10806	S	N	UK	BC109			
CV10809	G	P	UK	OC71			
CV10814	S	P	UK	BCY71			
CV10815	S	N	UK	BSX21			
CV10821	S	P	UK	BFX39			
CV10824	G	P	UK		2N2996		
CV10827	S	N	UK	BFY81			
CV10828	S	P	UK		2N3906		
CV10834	S	N	UK			25501	
CV10836	S	N	UK	8DY11			
CV10837	S	N	UK	8CY56			
CV10838	S	P	UK		2N2274		
CV10845	S	N	UK			25033	
CV10846	S	N	UK		2N3773		
CV10850	S	N	UK	BSX19			
CV10855	G	P	UK	NKT228			
CV10852	S	N	UK	ZT81			
CV10853	S	N	UK	ZT403P			
CV10856	S	N	UK	ZT42			
CV10879	S	N	UK			25300	
CV10885	G	P	UK	OC35X3			
CV10886	S	N	UK	8CY42			
CV10893	G	P	UK		2N2444		
CV10895	G	P	UK		2N5128		
CV10898	G	P	UK		2N652A		
CV10899	G	P	UK		2N1183B		
CV10900	G	P	UK		2N2048		
CV10901	G	P	UK		2N2043		
CV10905	S	N	UK	BSY39.2			
CV10908	G	P	UK	AF124			
CV10909	G	P	UK	ASZ15			
CV10910	G	P	UK		2N1041		
CV10911	S	P	UK		2N495		
CV10912	S	N	UK		2N718A		
CV10918	S	N	UK	8CY55			
CV10930	S	P	UK		2N4399		
CV10944	S	N	UK		2N2641		
CV10945	S	P	UK		2N727		
CV10946	S	N	UK		2N3712		
CV10971	G	P	UK	NKT143			
CV10980	S	N	UK		2N2034		
CV10981	S	N	UK		2N2452		
CV10986	S	N	UK	BSX30			
CV10990	S	P	UK	8CY70			
CV10992	G	P	UK	GET876			
CV10993	S	N	UK	BD121			
CV10995	G	P	UK	GET872			
CV10996	G	P	UK		2N705		
CV10999	G	P	UK		2N1554		
CV11000	S	N	UK		2N2977		
CV11007	S	N	UK		2N3585		
CV11010	S	P	UK		2N5416		
CV11011	G	P	UK		2N2613		
CV11012	S	N	UK	BD123			
CV11013	S	N	UK	BSX27			
CV11014	S	N	UK	8CY43			
CV11023	S	N	UK		2N2857		
CV11034	S	P	UK	BSW25			
CV11040	S	N	UK		2N2925		
CV11041	S	N	UK		2N3904		
CV11042	S	G	UK		2N2207		
CV11043	G	P	UK		2N967		
CV11044	S	N	UK		2N2501		
CV11045	G	P	UK		2N2148		
CV11046	S	N	UK		2N2923		
CV11047	S	N	UK		2N2924		
CV11054	S	P	UK	BFX35			
CV11056	S	P	UK		2N3741		
CV11058	S	N	UK	BFY82			
CV11060	S	N	UK	ZT88			
CV11062	S	P	UK		2N2504		
CV11070	S	N	UK			25024	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
CV11071	S	N	UK				
CV11072	S	N	UK			2S025	
CV11078	S	P	UK			2S026	
CV11089	S	P	UK	BFX11			
CV11091	S	P	UK	ZT152			
				ZT210			
CV11092	S	N	UK	ZDT42			
CV11095	S	N	UK	ZT1484			
CV11096	S	N	UK	ZT91			
CV11099	S	N	UK				
CV11113	S	N	UK		2N845		
					2N3439		
CV11123	G	P	UK	ACY17			
CV11135	S	P	UK				
CV11137	S	P	UK		2N2907A		
CV11139	S	N	UK		2N722		
CV11143	S	N	UK		2N720A		
					2N4401		
CV11144	S	P	UK				
CV11145	S	N	UL		2N4403		
CV11147	S	N	UK		40346		
CV11149	S	P	UK		40348		
CV11151	S	P	UK		2N3791		
					2N1275		
CV11152	S	N	UK				
CV11153	S	P	UK				
CV11155	G	P	UK		2N3133		2S512
CV11227	S	P	UK		2N2147		
CV11228	S	P	UK	BFX48	2N2944		
CV11229	S	N	UK	ZT1479			
CV11236	S	P	UK	BCY71			
CV11238	S	N	UK	BFY51			
CV11241	S	N	UK				
CV11242	S	N	UK		2N4348		
					2N3240		
CV11243	G	P	UK				
CV11248	G	P	UK		2N1398		
CV11152	G	P	UK		2N1906		
D40D	S	N	GE				
D40D1	S	N	GE, NP		2N6121		2S512
					RCP707	TIP29	06, 16
D40D1	S	N	GE, NP		2N6268		
D40D2	S	N	GE, NP		RCP707	TIP29	06, 16
D40D3	S	N	GE, NP		2N6268		06, 16
D40D4	S	N	GE, NP		RCP707	TIP29	06, 16
					RCP707	TIP29	06, 16
D40D4	S	N	GE, NP		TIP29A	2N6290	06, 16
D40D5	S	N	GE, NP		RCP707	TIP29	06, 16
D40D6	S	N	GE		TIP29A	2N6290	06, 16
D40D7	S	N	GE, NP		RCP701B		06, 16
					RCP701B	TIP29A	06, 16
D40D7	S	N	GE, NP		2N6292		06, 16
D40D8	S	N	GE, NP		RCP701B	TIP29A	06, 16
D40D8	S	N	GE		2N6292		06, 16
D40D10	S	N	GE		RCP701C	TIP29B	06, 16
D40D10	S	N	GE		2N6175		06, 16
D40D11	S	N	GE		RCP701C	TIP29B	06, 16
D40D11	S	N	GE		2N6175		06, 16
D40E1	S	N	GE		RCP705		06, 16
D40E5	S	N	GE		RCP701B		06, 16
D40E7	S	N	GE		RCP701C		06, 16
D40N1	S	N	GE		RCP113B	TIP47	06, 16
D40N1	S	N	GE		2N6175		06, 16
D40N2	S	N	GE		RCP111B	TIP47	06, 16
D40N2	S	N	GE		2N6175		06, 16
D40N3	S	N	GE		RCP113C	TIP48	06, 16
D40N3	S	N	GE		2N6175		06, 16
D40N4	S	N	GE		RCP111C	TIP48	06, 16
D40N4	S	N	GE		2N6175		06, 16
D40P1	S	N	GE		TIP47	2N6175	06, 16
D40P3	S	N	GE		TIP47	2N6175	06, 16
D40P5	S	N	GE		TIP47	2N6175	06, 16
D41D	S	P	GE		2N6124		06, 16
D41D1	S	P	GE, NP		RCP708	TIP3D	06, 16
D41D1	S	P	GE, NP		2N6111		06, 16
D41D2	S	P	GE, NP		RCP705	TIP3D	06, 16
D41D2	S	P	GE, NP		2N6111		06, 16
D41D4	S	P	GE, NP		RCP700B	TIP3DA	06, 16
D41D4	S	P	GE, NP		TIP3D	2N6109	06, 16
D41D5	S	P	GE, NP		RCP700B	TIP3D	06, 16
D41D5	S	P	GE, NP		TIP3DA	2N6109	06, 16
D41D6	S	P	GE, NP		RCP700B	TIP3D	06, 16
D41D6	S	P	GE, NP		TIP3DA	2N6109	06, 16

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
D41D6	S	P			RCP7008		06, 16
D41D7	S	P	GE, NP		RCP7008	TIP30A	06, 16
D41D7					2N6107		06, 16
D41D8	S	P	GE, NP		RCP7008	TIP30A	06, 16
D41D8					2N6107		06, 16
D41D10	S	P	GE		RCP7008	RCP700C	06, 16
D41D10					TIP30B	2N6107	06, 16
D41D11	S	P	GE		RCP7008	RCP700C	06, 16
D41D11					TIP30B	2N6107	06, 16
D41D13	S	P	GE		RCP700C		06, 16
D41E1	S	P	GE		RCP704		06, 16
D41E5	S	P	GE		RCP7008		06, 16
D41E7	S	P	GE		RCP700C		06, 16
D42C	S	N			2N6121		06, 16
D42C1	S	N	GE, NP		2N6288	RCP707	06, 16
D42C1					TIP31	2N6121	06, 16
D42C2	S	N	GE, NP		RCP705	TIP31	06, 16
D42C2					2N6121	2N6288	06, 16
D42C3	S	N	GE, NP		RCP705	TIP31	06, 16
D42C3					2N6121	2N6288	06, 16
D42C4	S	N	GE, NP		RCP703A	TIP31A	06, 16
D42C4					TIP31	2N6121	06, 16
D42C4					2N6290		06, 16
D42C5	S	N	GE, NP		RCP701A	TIP31	06, 16
D42C5					TIP31A	2N6121	06, 16
D42C5					2N6290		06, 16
D42C6	S	N	GE, NP		RCP701A	TIP31	06, 16
D42C6					TIP31A	2N6222	06, 16
D42C6					2N6290		06, 16
D42C7	S	N	GE, NP		RCP703B	TIP31A	06, 16
D42C7					2N6222	2N6292	06, 16
D42C8	S	N	GE, NP		RCP701B	TIP31A	06, 16
D42C8					2N6222	2N6292	06, 16
D42C9	S	N	GE		RCP701B	TIP31A	06, 16
D42C9					2N6292	2N6122	06, 16
D42C10	S	N	GE		RCP703C	TIP31B	06, 16
D42C10					2N6292	2N6123	06, 16
D42C11	S	N	GE		RCP701C	TIP31B	06, 16
D42C11					2N6292	2N6123	06, 16
D42C12	S	N	GE		RCP701C		06, 16
D43C	S	P			2N6124		06, 16
D43C7	S	P	GE, NP		RCP706	TIP32	06, 16
D43C2	S	P	GE, NP		2N6124	2N6111	06, 16
D43C2					RCP704	TIP32	06, 16
D43C2					2N6124	2N6111	06, 16
D43C3	S	P	GE, NP		RCP704	TIP32	06, 16
D43C3					2N6124	2N6111	06, 16
D43C4	S	P	GE, NP		RCP702A	TIP32A	06, 16
D43C4					TIP32	2N6124	06, 16
D43C4					2N6109		06, 16
D43C5	S	P	GE, NP		RCP700A	TIP32A	06, 16
D43C5					TIP32	2N6124	06, 16
D43C6	S	P	GE, NP		2N6109		06, 16
D43C7	S	P	GE, NP		RCP700A		06, 16
D43C7					RCP702B	TIP32A	06, 16
D43C7					2N6109	2N6125	06, 16
D43C8	S	P	GE, NP		RCP700B	TIP32A	06, 16
D43C8					2N6125	2N6107	06, 16
D43C9	S	P	GE		RCP700B	2N6125	06, 16
D43C9					2N6107	TIP32A	06, 16
D43C10	S	P	GE		RCP702C	2N6107	06, 16
D43C10					2N6126	TIP32B	06, 16
D43C11	S	P	GE		RCP700C	2N6107	06, 16
D43C12	S	P	GE		2N6126	TIP32B	06, 16
D43C12					RCP700C		06, 16
D44C	S	N			2N6121		06, 16
D44C1	S	N	GE, NP	8D221	8D239	2N6121	06, 16
D44C1					2N6288		06, 16
D44C2	S	N	GE, NP	8D221	8D239	2N6121	06, 16
D44C2					TIP31		06, 16
D44C3	S	N	GE, NP	8D221	8D239	2N6288	06, 16
D44C3					TIP31	2N6121	06, 16
D44C4	S	N	GE, NP	8D239		2N6290	06, 16
D44C4					2N6121	2N6121	06, 16
D44C4					TIP31		06, 16

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
D44C5	S	N	GE, NP			TIP31			06, 16
D44C6	S	N	GE, NP	80239		2N6290	2N6121		06, 16
D44C6						TIP31			06, 16
D44C7	S	N	GE, NP	80239A		2N6292	2N6122		06, 16
D44C7						TIP31A			06, 16
D44C8	S	N	GE, NP	80239A		2N6292	2N6122		06, 16
D44C8						TIP31A			06, 16
D44C9	S	N	GE, NP	80239A		2N6292	2N6122		06, 16
D44C9						TIP31A			06, 16
D44C10	S	N	GE	80239B		2N6292	2N6123		06, 16
D44C10									06, 16
D44C11	S	N	GE	80239B		TIP31B			06, 16
D44C11						2N6292	2N6123		06, 16
D44C11						TIP31B			06, 16
D44C12	S	N	GE	80239B		2N6123			06, 16
D44E1	SD	N	GE			SE9300	2N6386		06, 16
D44E2	SD	N	GE			SE9300	2N6387		06, 16
D44E3	SD	N	GE			SE9301	2N6388		06, 16
D44H1	S	N	GE			2N6288	2N6129		06, 16
D44H1						TIP41			06, 16
D44H2	S	N	GE			2N6288	2N6129		06, 16
D44H2									06, 16
D44H4	S	N	GE			TIP41			06, 16
D44H4						2N6290	2N6129		06, 16
D44H4						TIP41			06, 16
D44H5	S	N	GE			2N6290	2N6129		06, 16
D44H5						TIP41			06, 16
D44H7	S	N	GE			2N6292	2N6130		06, 16
D44H7						TIP41A			06, 16
D44H8	S	N	GE			2N6292	2N6130		06, 16
D44H8						TIP41A			06, 16
D44H10	S	N	GE			2N6131	2N6292		06, 16
D44H10									06, 16
D44H10	S	N	GE			TIP41B			06, 16
D44H11	S	N	GE			2N6131	2N6292		06, 16
D44H11						TIP41B			06, 16
D44R1	S	N	GE			TAS863B	TIP47		18
D44R2	S	N	GE			TAS863B	TIP47		18
D44R3	S	N	GE			TAS863B	TIP48		18
D44R4	S	N	GE			TAS863B	TIP48		18
D44R6	S	N	GE			TAS863F			18
D44R6	S	N	GE			TAS863F			18
D45C	S	P				2N6124			06, 16
D45C1	S	P	GE, NP	80224	80240	2N6111	2N6124		06, 16
D45C1						TIP32			06, 16
D45C2	S	P	GE, NP	80224	80240	2N6111	2N6124		06, 16
D45C2						TIP32			06, 16
D45C3	S	P	GE, NP	80224	80240	2N6111	2N6124		06, 16
D45C3									06, 16
D45C4	S	P	GE, NP	80240		TIP32			06, 16
D45C4						2N6109	2N6124		06, 16
D45C5	S	P	GE, NP	80240		TIP32			06, 16
D45C5						2N6109	2N6124		06, 16
D45C5						TIP32			06, 16
D45C6	S	P	GE, NP	80240		2N6109	2N6124		06, 16
D45C6						TIP32			06, 16
D45C7	S	P	GE, NP	80240A		2N6125	2N6107		06, 16
D45C7						2N6124	TIP32A		06, 16
D45C8	S	P	GE, NP	80240A		2N6107	2N6125		06, 16
D45C8									06, 16
D45C8	S	P	GE, NP	80240A		TIP32A			06, 16
D45C9	S	P	GE, NP	80240A		2N6107	2N6125		06, 16
D45C9						TIP32A			06, 16
D45C10	S	P	GE	80240B		2N6107	2N6126		06, 16
D45C10						TIP32B			06, 16
D45C11	S	P	GE	80240B		2N6107	2N6126		06, 16
D45C11						TIP32B			06, 16
D45C12	S	P	GE	80240B		2N6126			06, 16
D45E1	SD	P	GE			SE9400	RCAB203		06, 16
D45E2	SD	P	GE			SE9400	RCAB203A		06, 16
D45E3	SD	P	GE			SE9401	RCAB203B		06, 16
D45H1	S	P	GE			2N6111	2N6132		06, 16
D45H1						TIP42			06, 16
D45H2	S	P	GE			2N6111	2N6132		06, 16
D45H2						TIP42			06, 16
D45H4	S	P	GE			2N6109	2N6132		06, 16
D45H4						TIP42			06, 16
D45H5	S	P	GE			2N6109	2N6132		06, 16
D45H5						TIP42			06, 16
D45H7	S	P	GE			2N6109	2N6107		06, 16

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
D45H7					2N6133	TIP42A	06, 16
D45H8	S	P	GE		2N6107	2N6133	06, 16
D45H8					TIP42A		06, 16
D45H9	S	P	GE		2N6133		06, 16
D45H10	S	P	GE		2N6107	2N6134	06, 16
D45H10					TIP42B		06, 16
D45H11	S	P	GE		2N6134	2N6107	06, 16
D45H11					TIP42B		06, 16
O1101	J	N			2N4220A	2N3070	
O1102	J	N			MFE2094	2N3070	
D1103	J	N			MFE2093	2N3071	
O1177	J	N			MFE2095	2N3070	
D1178	J	N			MFE2094	2N3070	
D1179	J	N			MFE2093	2N3071	
D1180	J	N			2N4221A	2N4222A	
D1180					2N3069		
D1181	J	N			2N4220A	2N3070	
D1182	J	N			2N4220A	2N3071	
D1183	J	N			2N4223	TN4341	
O1184	J	N			2N4220A	TN4340	
O1186	J	N			2N4220A	TN4399	
O1201	J	N			2N4224		
O1202	J	N			2N3821		
O1203	J	N			MFE2093	2N5358	
O1301	J	N			2N4222A		
O1302	J	N			2N4220A		
O1303	J	N			2N4220A		
DE1004					MFE3003		
DN3086A	J	N			MFE2095	2N3070	
DN3087A	J	N			MFE2094	2N3071	
DN3088A	J	N			MFE2093	2N3071	
DN3089A	J	N			2N4221A	2N3069	
DN3070A	J	N			2N4220A	2N3070	
DN3071A	J	N			2N4220A	2N3071	
DN3366A	J	N			2N4091		
DN3386A	J	N			2N4091		
DN3367A	J	N			2N4091		
DN3368A	J	N			2N4221A		
DN3389A	J	N			2N4220A		
DN3370A	J	N			MFE2093		
DN3436A	J	N			2N3436		
DN3437A	J	N			2N3437		
DN3438A	J	N			2N3438		
DN3458	J	N			2N4222A		
DN3459A	J	N			2N4220A		
DN3460A	J	N			2N4220A		
DNX1	J	N			2N3822	2N3069	
DNX1A	J	N			2N3822		
DNX2	J	N			MFE2093	MFE2094	
DNX2					2N3070		
DNX2A	J	N			MFE2093	MFE2094	
DNX3	J	N			MFE2093	2N3071	
DNX3A	J	N			MFE2093		
DNX4	J	N			2N3822		
DNX4A	J	N			2N3822		
DNX5	J	N			2N3821		
DNX5A	J	N			2N3821		
DNX6	J	N			MFE2093		
DNX6A	J	N			MFE2093		
DNX7	J	N			2N3824	TN4341	
DNX7A	J	N			2N3824		
DNX8	J	N			2N3821	TN4340	
DNX8A	J	N			2N3821		
DNX9	J	N			2N3821	TN4339	
DNX9A	J	N			2N3821		
DR100	G	P		TS1			TS14
DR101	G	P		TS1			
DR102	G	P		TS2			TS14
DR106	G	P		TS1			
DR109	G	P		TS1			TS14
DR110	G	P		TS3			
DR126	G	P		TS14-	OC66	2N465	
DR127	G	P		TS2	OC66	TS14	
DR128	G	P		OC66	OC66	2N465	
DR129	G	P		TS2	TS14	2N465	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
OR130	G	P		TS1			
DR131	G	P		TS1			
OS25	G	P		AF185			
OS28	G	P		AC128	2N2431		
OS34	G	P		AF178	2N2495		
DS41	G	P		AF178	2N2495		
DS44	G	N		AC127	2N2430		
DS48	G	N					
DT80	G	P		CTP1502	2N677C	2N1031B	
DT100	G	P		CTP1500	2N677C	2N1031C	
DT1003	S	N	LU	BFY44			
DT1111	S	N	LU	ZT1479			
DT1112	S	N	LU	ZT1480			
DT1121	S	N	LU	ZT1481			
DT1122	S	N	LU	ZT1482	BOY11		
DT1511	S	N	LU	ZT1700			
DT1521	S	N	LU	ZT2270			
DT4110	S	N		BDY10			
DT4111	S	N		ZT1488			
DT4121	S	N		ZT1490			
DT5401	S	N	DD, SF, SU		FT401		
DT5402	S	N	DD, SF, SU		FT402		
DT5403	S	N	DD		FT402		
DT5409	S	N			FT402		
DT5410	S	N	DD, SF, SU, SD		FT410	RCA410	
OTS411	S	N	DD, SU, SD, SF		FT411	RCA411	
OTS413	S	N	DD, IC, SF, SD, SU		FT413	RCA413	
OTS423	S	N	DD, SF, SD, SU		FT423	RCA423	
OTS424	S	N	DD, SU		2N6251		
OTS430	S	N	DD, SF, SU		FT430		
OTS431	S	N	DD, SF, SU		FT431	RCA431	
OTS515	S	N			2N6250		
OTS516	S	N			2N6250		
OTS517	S	N			2N6250		
OTS519	S	N			FT430		
DT51010	S	N	DD		SE9304		
DT51020	S	N	DD		SE9304		
DT54010	S	N			FT430		
DU4339	J	N			TD5805		
DU4340	J	N			2N5047	SU2369	
DW6208	S	N		BC107B			
DW6577	S	N		BC107A			
DW6737	S	N		BC107A			
DW7000	S	N		BC167			
DW7035	S	N		BC167B	BC113		
DW7035	S	N		BC182B	BC171B		
DW7039	S	N		BF110	BF178		
DW7039	S	N		BF156	BF117		
DW7050	S	N		BF232	BF176		
E100	J	N	IL, NS, SX		MPP102	2N5950	
E100	J	N	IL, NS, SX		2N5163		
E101	J	N	IL, NS, SX		2N5457	2N4302	
E102	J	N	IL, NS, SX		2N5457	2N5953	
E102	J	N	IL, NS, SX		2N4302		
E103	J	N	IL, NS, SX		2N5459	2N5950	
E103	J	N	IL, NS, SX		U1837E		
E105	J	N			MPP4391	2N4445	
E106	J	N			MPP4391	2N4447	
E107	J	N			MPP4391	2N5434	
E108	J	N	IL, SX		MPP4391		
E109	J	N	IL, SX		MPP4391		
E110	J	N	IL, SX		MPP4391		
E111	J	N	IL, SX		MPP4391	T1573	
E111	J	N	IL, SX		U1897E		
E112	J	N	IL, SX		MPP4392	T1574	
E112	J	N	IL, SX		U1896E		
E113	J	N	IL, SX		MPP4393	T1575	
E113	J	N	IL, SX		U1899E		
E114	J	N			2N5488	U2047E	
E174	J	P			MPP970	P1086E	
E175	J	P			MPP970	P1086E	
E176	J	P			MPP971	P1086E	
E201	J	N			2N5457	1TE433B	
E202	J	N			2N5458	1TE4340	
E203	J	N			2N5459	U1837E	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
E210	J	N			2N5484		
E211	J	N			2N5485		
E212	J	N			2N5486	U2047E	
E220	J	N			2N5457	ITE4888	
E231	J	N			2N5458	ITE4889	
E232	J	N			2N5459	ITE4860	
E270	J	P			MPF970	P1087E	
E271	J	P			MPF970	P1087E	
E300	J	N	IL. SX		2N5486	U1994E	
E300					2N5245		
E304	J	N			2N5486	U1994E	
E305	J	N			2N5485	2N5484	
E308	J	N			2N5486		
E309	J	N			2N5486		
E310	J	N			2N5486		
E400	J	N			2N5197		
E401	J	N			2N5198		
E402	J	N			2N5199		
E413	J	N			2N5198		
E414	J	N			2N5199		
E415	J	N			2N5046		
E420	J	N			2N5046		
E421	J	N			2N5047		
ED1401A	S	N		BC548A			
ED1401B	S	N		BC548B			
ED1401C	S	N		BC548C			
ED1402A	S	N		BC548			
ED1402B	S	N		BC548A			
ED1402C	S	N		BC548B			
ED1402D	S	N		BC548B			
ED1402E	S	N		BC548C			
ED1501A	S	N		8F495			
ED1501B	S	N		8F495			
ED1501C	S	N		8F495			
ED1502A	S	N		8F495			
ED1502B	S	N		8F495			
ED1502C	S	N		8F495			
ED1502D	S	N		8F494			
ED1502E	S	N		8F494			
ED1601A	S	P		BC558			
ED1601B	S	P		BC558A			
ED1601C	S	P		BC558B			
ED1602A	S	P		BC558			
ED1602B	S	P		RC558			
ED1602C	S	P		BC558A			
ED1602D	S	P		BC558A			
ED1602E	S	P		BC558B			
ED1701	S	N		BC338			
ED1801	S	N		BC328			
EMS113	S	N	ML		2N6384		
EMS114	S	N	ML		2N6385		
EMS159	S	P	ML		RCAB358A		
EMS180	S	P	ML		RCAB350B		
EMS213	S	N	ML		2N6387		
EMS214	S	B	ML		2N6388		
EMS217	S	N	ML		2N6387		
EMS218	S	N	ML		2N6388		
EMS259	S	P	ML		RCAB203A		
EMS260	S	P	ML		RCAB203B		
EMS261	S	P	ML		RCAB203A		
EMS262	S	P	ML		RCAB203B		
EN697	S	N	BT, F, NS		2N697		
EN706	S	N	F		2N706		
EN708	S	N	F, NS		2N708		
EN718A	S	N	F		2N718A		
EN722	S	P	F, NS		2N722		
EN744	S	N	F, NS		2N744		
EN870	S	N	F		2N870		
EN871	S	N	F		2N871		
EN914	S	N	F		2N914	F X914	
EN915	S	N	F		2N915		
EN916	S	B	F, NS		2N916		
EN918	S	N	F, NS		2N918	F X918	
EN930	S	N	F, NS		2N930		
EN966	S	N	F, NS		2N956		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
EN1132	S	P	BT, F, NS				
EN1613	S	N	BT, F, NS				
EN1711	S	N	BT, F, NS				
EN2219	S	N	BT, F, NS				
EN2222	S	N	BT, F, NS				
EN2369A	S	N	F, ME, NS				
EN2484	S	N	F, ME, NS				
EN2484	S	P	F				
EN2894A	S	P	BT, F, NS				
EN2905	S	P	BT, F, NS				
EN2907	S	P	BT, F, NS				
EN3009	S	N	F				
EN3011	S	N	F, NS				
EN3013	S	N	F				
EN3014	S	N	F				
EN3250	S	P	F, NS				
EN3502	S	P	F, NS				
EN3504	S	P	F, NS				
EN3903	S	N	F				
EN3903	S	N	F				
EN3904	S	N	F				
EN3904	S	N	F				
EN3905	S	P	F				
EN3905	S	P	F				
EN3906	S	P	F				
EN3906	S	P	F				
EN3962	S	P	F				
EN3962	S	P	F				
EN4123	S	N	F				
EN4124	S	N	F				
EN4125	S	P	F				
EN4126	S	P	F				
FE100	J	N	N				
FE100A	J	N	N				
FE102	J	N	N				
FE102A	J	N	N				
FE104	J	N	N				
FE104A	J	N	N				
FE200	J	N	N				
FE202	J	N	N				
FE204	J	N	N				
FE300	J	N	N				
FE300	J	N	N				
FE302	J	N	N				
FE302	J	N	N				
FE304	J	N	N				
FE304	J	N	N				
FE400	J	N	N				
FE400A	J	N	N				
FE402	J	N	N				
FE402A	J	N	N				
FE404	J	N	N				
FE404A	J	N	N				
FE0654A	J	N	F, IL				
FE0654A	J	N	F, IL				
FE0654B	J	N	F, IL				
FE0654B	J	N	F, IL				
FE0654C	J	N	F				
FE0655A	J	N	N				
FE0655B	J	N	N				
FE0655C	J	N	N				
FE3819	J	N	F, IL				
FE3819	J	N	F, IL				
FE4302	J	N	F				
FE4303	J	N	F				
FE4304	J	N	F				
FE5245	J	N	F, IL				
FE5246	J	N	F, IL				
FE5247	J	N	F, IL				
FE5457	J	N	F, IL				
FE5458	J	N	F, IL				
FE5459	J	N	F, IL				
FE5484	J	N	F, IL				
FE5485	J	N	F, IL				
FE5486	J	N	F, IL				
2N1132							
2N1613							
2N1711							
2N2219							
2N2222							
2N2369A							
PN2484-18							
FX2484							
2N2894A							
2N2905							
2N2907							
2N3009							
2N3011							
2N3013							
2N3014							
2N3250							
2N3502							
2N3504							
2N3903							
FX3903							
2N3904							
FX3904							
2N3905							
FX3905							
2N3906							
FX3906							
PN3692-18							
FX3962							
2N4123							
2N4124							
2N4125							
2N4126							
MFE2095							
MFE2095							
MFE2094							
MFE2094							
MFE2093							
MFE2093							
MFE2093							
2N4220A							
2N3069							
2N4220A							
2N3070							
MFE2093							
2N3070							
2N3436							
2N3070							
2N3436							
2N3070							
2N5486							
U1837E							
2N5485							
2N4303							
2N5484							
2N5638							
2N5639							
2N5485							
2N4303							
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2N5952							
2N5949							
2N5486							
FX2222							
FX2369A							
2N2484							
FX2894A							
FX2907							
FX3013							
FX3014							
FX3502							
FT3903							
FT3904							
FT3905							
FT3906							
2N3452							
2N3455							
2N3453							
2N3456							
2N3454							
2N3457							
2N3070							
2N3070							
2N4222A							
2N4222A							
2N4220A							
2N3069							
2N3070							
2N4302							
KE4858							
KE4861							
KE4393							
2N5953							
2N4302							
2N4303							
2N4304							
2N5245							
2N5246							
2N5247							
2N5457							
2N5458							
2N5459							
2N5484							
2N5485							
2N5486							

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
F10049	M	P	F		MFE3020	MFE3021	
F1100	M	P	F		2N4352		
FM1100	J		NS		SU2098B		
FM1100A	J				TD5906A		
FM1101	J		NS		SU2098B		
FM1101A	J				TD5906A		
FM1102	J		NS		SU2098B		
FM1102A	J				TD5906A		
FM1103	J	N	NS		2N5198		
FM1103A	J	N			TD5908A		
FM1104	J	N	NS		2N5199		
FM1104A	J	N			TD5909A		
FM1105	J		NS		SU2098B		
FM1105A	J				TD5906A		
FM1106	J		NS		SU2098B		
FM1106A	J				TD5906A		
FM1107	J		NS		SU2098A		
FM1107A	J				TD5906A		
FM1108	J	N	NS		2N5198		
FM1108A	J	N			TD5908A		
FM1109	J	N	NS		2N5199		
FM1109A	J	N			TD5905A		
FM1110	J		NS		SU2098B		
FM1110A	J				TD5908A		
FM1111	J		NS		SU2098B		
FM1111A	J				SU2079		
FM1200	J	N	NS		2N5561		
FM1201	J	N	NS		2N5561		
FM1202	J	N	NS		2N5561		
FM1203	J		NS		SU7367A		
FM1204	J		NS		SU2369		
FM1205	J	N	NS		2N5561		
FM1206	J	N	NS		2N5561		
FM1207	J	N	NS		2N5561		
FM1208	J		NS		SU2367A		
FM1209	J		NS		SU2369		
FM1210	J		NS		SU2367		
FM1211	J		NS		SU2369		
FM3954	J	N	NS		2N3954		
FM3954A	J	N	NS		2N3954A		
FM3955	J	N	NS		2N3955		
FM3955A	J	N	NS		2N3955		
FM3956	J	N	NS		2N3956		
FM3957	J	N	NS		2N3957		
FM3958	J	N	NS		2N3958		
FP4339	J	N	SX		MATCHED	2N4220	
FP4340	J	N	SX		MATCHED	2N4220A	
FPF110	P				TIL63*		
FPF110A	P				TIL66*		
FPF110B	P				TIL66*		
FPF130	P				TIL67*		
FPF130A	P				TIL67*		
FPF130B	P				TIL67*		
FPM100	P				TIL613*		
FPO100	P				TIL613*		
FPS6507	S	N			2N5770	2N4275	
FPS6507	S				TIS86	2N4996	
FPS6511	S	N			MPS6511	TIS87	
FPS6512	S	N	F		MPS6512	TIS99	
FPS6513	S	N	F		MPS6513	TIS99	
FPS6514	S	N	F		MPS6514	TIS98	
FPS6515	S	N	F		MPS6515	TIS97	
FPS6516	S	P	F		MPS6516	2N5447	
FPS6517	S	P	F		MPS6517	2N5447	
FPS6518	S	P	F		MPS6518	2N5447	
FPS6519	S	P	F		MPS6519	2N5447	
FPS6520	S	N	F		MPS6520	TIS98	
FPS6521	S	N	F		MPS6521	TIS97	
FPS6522	S	P	F		MPS6522	2N5447	
FPS6523	S	P	F		MPS6523	2N5447	
FPS6530	S	N	F		MPS6530	TIS92	
FPS6531	S	N	F		MPS6531	TIS92	
FPS6532	S	N	F		MPS6532	TIS92	
FPS6533	S	P	F		MPS6533R	2N3644	
FPS6534M	S	P	F		MPS6534M	2N3644	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
FPS634M					TI983		
FPS635M	S	P	F		MP6635M	2N3638	
FPS635M	S	N			TI983		
FPS639	S	N			PE4000B	SE5002	
FPS640	S	N			PE5030B	SE5030B	
FPS643	S	N			PE5030B	SE5030B	
FPS644	S	N			PE5030B	SE5030B	
FPS645	S	N			PE5030B	SE5030B	
FPS647	S	N			PE5030B	SE5030B	
FPS648	S	N			PE5030B	SE5030B	
FPS650	S	N	F				
FPS651	S	N	F		MP6551		
FPS652	S	P	F		SE652		
FPS653	S	P	F		SE653		
FPS655	S	N	F		FPS656		
FPS656	S	N	F				
FPS657	S	N			PE5030B	SE5030B	
FPS658	S	N			SE652		
FPS658R	S	N			FP6570		
FPS6570	S	N			FPS6569		
FPS671	S	N	F		2N5133		
FPSA12	SO	N	F		MPSA12		
FPSA13	SO	N	F		MPSA13		
FPSA14	SO	N			MPSA14		
FPSA65	S	P			MPSA65		
FPSA65	S	P			MPSA68		
FPT100	P				TIL63*		
FPT100A	P				TIL67*		
FPT100B	P				TIL67*		
FPT120	P				TIL78*		
FPT120A	P				TIL67*		
FPT120B	P				TIL67*		
FT57	M	N	F		MFE3004	MFE300B	
FT107A	S	N	F	(BC413C)	SE4022	FX107A	
FT107B	S	N	F	BC414C	SE4021	FX107B	
FT107C	S	N	F	(BC414C)	SE4020	FX107C	
FT0650	J	N			2N4416		
FT0954A	J	N	F, IL		2N3824		
FT854A	J	N			2N4392		
FT0654B	J	N	F, IL		2N3824		
FT854B	J	N			2N4092		
FT0654C	J	N	F, IL		2N4221		
FT854C	J	N			2N4363		
FT0654O	J	N	F, IL		2N4221		
FT854O	J	N			2N3972		
FT0654E	J	N	F, IL		2N4220		
FT854E	J	N			TN4340		
FT0655A	J	N			2N4091		
FT855A	J	N			2N4856A		
FT0655B	J	N			2N4092		
FT855B	J	N			2N4858A		
FT0655C	J	N			2N4093		
FT855C	J	N			2N3972		
FT701	M	P	F, IL		MFE3021		
FT703	M	P			MFE3003	3N160	
FT704	M	P	F, IL				
FT709	S	N	F	(85Y17)	2N4352	3N174	
FT1746	S	P	F	(8CY78VII)	2N709		
FT2974	S	N	F		2N2974		
FT2975	S	N	F		2N2975		
FT2978	S	N	F		2N2978		
FT2979	S	N	F		2N2979		
FT3567	S	N	F	BSX45-6			
FT3568	S	N	F	BSX46-6			
FT3569	S	N	F	BSX45-16			
FT3641	S	N	F	(85Y34)			
FT3642	S	N	F	(85Y34)			
FT3643	S	N	F	(85Y34)			
FT3820	J	P	F		AST5460	P1089E	
FT3820	J	P	F		2N4360		
FT3903	S	N			FX3903	2N3946	
FT3904	S	N			DN3904	2N3947	
FT3905	S	P	F		FX3904		
FT3906	S	P	F		2N3250	FX3906	
FT3906	S	P	F		DN3906	2N3251	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
FT3908					FX3906		
FT3909	J	P	F		2N2808	2N3908	
FT3909					2N4360		
FT4017	S	P	F		2N4017		
FT4018	S	P	F		2N4018		
FT4019	S	P	F		2N4019		
FT4020	S	P	F		2N4020		
FT4021	S	P	F		2N4021		
FT4022	S	P	F		2N4022		
FT4023	S	P	F		2N4023		
FT4024	S	P	F		2N4024		
FT4025	S	P	F		2N4025		
FT5040	S	P	F	BSV15-10			
FT5041	S	P	F	BSV15-10			
FX107A	S	N			FT107A		
FX107B	S	N			FT107B		
FX107C	S	N			FT107C		
FX709	S	N			FT709		
FX914	S	N			EN914	2N914	
FX918	S	N			EN918	2N918	
FX2368	S	N			2N2368	FX2368A	
FX2368					2N2368A		
FX2368A	S	N			EN2368A	2N2368A	
FX2368A					2N2369		
FX2483	S	N			2N2483	FX2484	
FX2483					2N2484		
FX2484	S	N			EN2484	2N2484	
FX2894	S	P			2N2894		
FX2894A	S	P			2N2894A	EN2894A	
FX2907	S	P			EN2907		
FX3013	S	N			EN3013	2N3013	
FX3013					EN3014	2N3014	
FX3014	S	N			EN3014	2N3014	
FX3299	S	N			2N3299	2N3300	
FX3299					FX3300		
FX3300	S	N			2N3300	2N3302	
FX3502	S	P			EN3502	2N3502	
FX3503	S	P			2N3503	2N3645	
FX3724	S	N			2N3724	2N4013	
FX3725	S	N			2N3725	2N4047	
FX3903	S	N			2N3903	EN3903	
FX3903					FT3903		
FX3904	S	N			2N3904	EN3904	
FX3904					FT3904		
FX3905	S	P			2N3905	EN3905	
FX3905					FT3905		
FX3906	S	P			2N3906	EN3906	
FX3906					FT3906		
FX3962	S	P			EN3962	2N3962	
FX3963	S	P			2N3963		
FX3964	S	P			2N3964		
FX3965	S	P			2N3965		
FX4034	S	P			2N4034	2N4121	
FX4046	S	N			2N4046	2N4047	
FX4046					FX4047		
FX4047	S	N			2N4047	2N4014	
FX4047					2N3724	FX3724	
FX4207	S	P			2N4207		
FX4980	S	N			2N4980	2N4961	
FX4980					2N4982	2N4963	
GA004	G	P		ASY27			
GA52829	G	P		AC126			
GE28	S	N			2N2429		
GE28	S	N			2N6122		
GE28	S	N			2N6122		
GE29	S	P			2N6125		
GEMR	S	N			2N6121		
GET3	G	P	GE	AC126	AC126	2N185	2N2429
GET3				V10/50A			
GET4	G	P	GE	AC125	AC126	2N185	2N2429
GET4				NKT228			
GET5	G	P	GE	AC125	NKT304		
GET5				V30/201P			
GET8	G	P	GE	NK T28	TS3	2N185	
GET8				V10/50A			
GET7	G	P	GE	V15/30NP			

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN	JAPANESE	USE
GET8	G	P	GE	V30/30NP				
GET9	G	P	GE	NKT401				
GET15	G	P	GE	V15/201P				
GET16	G	P	GE	V30/201P				
GET20	G	P	GE	V30/201P				
GET102	G	P	GE	AC126	AC132	2N2429		
GET102				AC156				
GET103	G	P	GE	AC126	AC132	2N2429		
GET103				ASY68				
GET104	G	P	GE	AC126	ASY59	2G303	2N2429	
GET106	G	P	GE	NKT304	V60/201P			
GET106	G	P	GE	AC126	AC126	2N2429		
GET106				AC132				
GET110	G	P	GE	ASY80	V60/201P			
GET110				NKT303				
GET111	G	P	GE	ACY30	NKT227	2G377		
GET113	G	P	GE	ACY30	AC126	2G301		
GET114	G	P	GE	AC126	ACY30	2G301		
GET115	G	P	GE	NKT304	NKT351		2N2431	
GET115				V15/201P				
GET116	G	P	GE	NKT304	V30/201P			
GET120	G	P	GE	NKT303	V30/201P			
GET536	G	P	GE	NKT228				
GET536	G	P	GE	NKT228				
GET538	G	P	GE	NKT227				
GET571	G	P	GE	NKT404	V15/30NP	2N456		
GET572	G	P	GE	NKT404	OC35	2N456		
GET572				XC141				
GET573	G	P	GE	NKT403	V60/30NP	2N457		
GET574	G	P	GE	NKT403				
GET581	G	P	GE	NKT401				
GET582	G	P	GE	NKT403				
GET583	G	P	GE	NKT404				
GET584	G	P	GE	NKT402				
GET870	G	P	GE	AC170				
GET871	G	P	GE	OC41	XA151	2G301		
GET872	G	P	GE	OC42	XA152	2G302		
GET873	G	P	GE	AF127	AF185	OC45		
GET874	G	P	GE	AF126	AF185			
GET874				OC44				
GET875	G	P	GE	ASY27	OC43	2G306		
GET880	G	P	MU, GE	ASY26	ASY27			
GET883	G	P	GE	AF127	AF185			
GET884	G	P	GE	AF126				
GET885	G	P	MU, GE			2N1309		
GET889	G	P	MU, GE	ASY27				
GET891	G	P	MU, GE					
GET892	G	P	MU, GE			2G303		
GET896	G	P	MU, GE	ASY27		2G304		
GET897	G	P	MU, GE	NKT142				
GET898	G	P	MU, GE	NKT141				
GFT20	G	P	TK	AC125	AC151	2N2429	2N63	258220
GFT20				AC162	AC151V	2N1190	2N238	258459
GFT20				AC122	AC126			
GFT20R	G	P	TK, NU	AC150	AC162	2N44		25832
GFT20R				AC151V				
GFT20/15	G	P	TK, IN	AC151V				
GFT20/30	G	P	TK	AC151V				
GFT20/60	G	P	TK	ASY481V				
GFT21	G	P	TK	AC126	AC151	2N66	2N2429	258219
GFT21				AC182	AC151V			
GFT21				AC122*	AC126			
GFT21R	G	P	TK	AC151V				
GFT21/15	G	P	TK	AC151V	AC126			
GFT21/15				OC804				
GFT21/30	G	P	TK	AC151V				
GFT21/60	G	P	TK	ASY48V				
GFT22	G	P	TK	AC151V11				
GFT22R	G	P	TK	AC151V11				
GFT22/15	G	P	TK	AC151V11				
GFT22/30	G	P	TK	AC151V11				
GFT22/60	G	P	TK	ASY48V1				
GFT25	G	P	TK	AC122	AC125	2N36	2N2429	258101
GFT25				AC163	AC151V	2N1190	2N238	258459
GFT25				AC122	AC126			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
GFT25R	G	P TK		AC151V			
GFT25/15	G	P		AC125	AC151		
GFT25/15	G	P TK		AC171	AC151V		
GFT25/30	G	P TK		AC125	AC151		
GFT25/30	G	P TK		AC171	AC151V		
GFT25/60	G	P TK		ASY48IV			
GFT26	G	P NU, TK		{AD130III}	AD149		
GFT26	G	P TK		OC26			
GFT30	G	P TK		{AD130IV}			
GFT31	G	P TK		AC121V	AC126	2N44	258220
GFT31	G	P TK		AC130	AC152		
GFT31/15	G	P TK		AC124IV	AC128		
GFT31/30	G	P TK		AC152IV			
GFT31/60	G	P TK		ASY48IV	ACY24	2N24A	25869
GFT31/60	G	P TK		AC270	ASY48		
GFT32	G	P TK, IN		AC121V	AC128	2N59	258222
GFT32	G	P TK		AC132	AC153	2N4106	
GFT32	G	P TK		AC152IV	AC124R		
GFT32/15	G	P TK		AC121V	AC124	2N2429	
GFT32/15	G	P TK		AC128	AC152IV		
GFT32/30	G	P TK		AC124	AC128		
GFT32/30	G	P TK		AC152IV			
GFT32/60	G	P TK		ASY48IV			
GFT33	G	P TK		AC152V	AC124R	2N610	25832
GFT33	G	P TK		AC128			
GFT33/15	G	P TK		AC152V			
GFT33/30	G	P TK		AC152V			
GFT33/60	G	P TK		ASY48V			
GFT34	G	P TK		AC121V	AC160		
GFT34	G	P TK		AC124	AC128		
GFT34/15	G	P TK		AC121V	AC128	2N138	25A210
GFT34/15	G	P TK		AC152	AC153		
GFT34/30	G	P TK		AC152V			
GFT34/60	G	P TK		ASY48V			
GFT41	G	P TK		AF106	AF178	2N2495	25A230
GFT41	G	P TK		AF190			
GFT42	G	P TK		{AF125}			
GFT42A	G	P TK		{AF126}	AF132	2N2495	25A115
GFT42A	G	P TK		AF178	SFT358		
GFT42B	G	P TK		{AF127}	AF134	2N384	25A116
GFT42B	G	P TK		AF135	AF185		
GFT43	G	P TK		{AF125}			
GFT43A	G	P TK		{AF126}	AF136	2N310	25A154
GFT43A	G	P TK		AF137	AF185		
GFT43B	G	P TK		{AF127}	AF136	2N370	
GFT43B	G	P TK		AF137	AF185		
GFT43D	G	P TK		AF126			
GFT43/15	G	P TK		AC124	AC128		
GFT43/15	G	P TK		AC162V			
GFT44	G	P TK		{AC121V}	AF132		
GFT44	G	P		AF137	AF185		
GFT44/15	G	P		AF126	AF127	2N137	HJ23D
GFT44/15	G	P TK		AF185			
GFT44/15E	G	P TK		{AC121V}			
GFT44/30	G	P TK		{AC151V}			
GFT45	G	P TK		{AC121V}	AF132	2N136	25A206
GFT45/30	G	P TK		AF137	AF185		
GFT2006	G	P TK, IN		{AC151IV}			
GFT2006	G	P TK, IN		AD130III	OC16	T1156	258471
GFT2006/30	G	P TK		AD149		2N456	
GFT2006/30	G	P TK		AD130III	AD149	2N68	258240
GFT2006/60	G	P TK		OC30		2N2836	
GFT2006/90	G	P TK		AD131III			
GFT3008	G	P TK		AD163III			
GFT3008/20	G	P TK		AD130IV	AD130III	2N2836	25885
GFT3008/20	G	P TK		AD149	OC30		
GFT3008/40	G	P TK		AD131V	AD139	2N2836	25885
GFT3008/40	G	P TK		AD149	AD131III	T10029	258471
GFT3008/40	G	P TK		AD138/60			
GFT3008/60	G	P TK		AD131V	AD131		25885
GFT3008/60	G	P TK		AD139	AD148		
GFT3008/60	G	P TK		AD131III			
GFT3008/80	G	P TK		AD132IV	AD132II		25885
GFT3008/80	G	P TK		CTP1111			

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
GFT3108	G	G	P	TK	AD130III				
GFT3108/20	G	G	P	TK	AD132III				
GFT3108/40	G	G	P	TK	AD130III	AD149	2N2065	2S8478	
GFT3108/40	G	G	P	TK	AD132III	AS215			
GFT3108/60	G	G	P	TK	AD131III	AD139			
GFT3108/80	G	G	P	TK	AD132III	AD132II			
GF T3408	G	G	P	TK	AD130V				
GF T3408/20	G	G	P	TK	AD130V	AD149	2N2836		
GF T3408/20	G	G	P	TK	OC26	AD130IV			
GF T3408/40	G	G	P	TK	AD131V	AD149	2N2836	2N1296	2S883
GF T3408/40	G	G	P	TK	OC26	AD131VI	T13029	2N2065	
GF T3408/40	G	G	P	TK	AD138/50	AD131V			
GF T3408/60	G	G	P	TK	AD131V	AD105	2N268		
GF T3408/60	G	G	P	TK	AD131IV	AS218			
GF T3408/80	G	G	P	TK	AD132V	AD132IV			
GFT3708	G	G	P	TK	AD131V				
GFT3708/20	G	G	P	TK	AD130V				
GFT3708/40	G	G	P	TK	AD131V	AS216	T13029	2N2065	
GFT3708/40	G	G	P	TK	AD138/50				
GFT3708/60	G	G	P	TK	AD131IV	AD131V			
GFT3708/80	G	G	P	TK	AD132V	AD132IV			
GFT4012	G	G	P	TK	AD131IV	OC26			
GFT4012/15	G	G	P	TK	AD131	AD149	2N1295		2S883
GFT4012/15	G	G	P	TK	OC26				
GFT4012/30	G	G	P	TK	AD130IV	AD130III	2N1296	2N2836	2S883
GFT4012/30	G	G	P	TK	AD149	OC26	T13029	2N2065	
GFT4012/60	G	G	P	TK	AD131IV	AD131III	2N268		
GFT4012/60	G	G	P	TK	OC60V	SFT240			
GFT4012/60	G	G	P	TK	AD131V				
GFT4012/60	G	G	P	TK	AD131III				
GFT4112/60	G	G	P	TK	AD131III				
GFT4308	G	G	P	TK	AD131IV				
GFT4308/40	G	G	P	TK	AD131IV	AD130IV	T13029	2N267	
GFT4308/40	G	G	P	TK	AD149IV	AD149			
GFT4308/60	G	G	P	TK	AD132IV				
GFT4308/80	G	G	P	TK	AD163IV	AD132IV			
GF T4412	G	G	P	TK	AD131V				
GF T4412/30	G	G	P	TK	AD130V	AD130IV	T13029	2N267	
GF T4412/30	G	G	P	TK	AD149IV	AD149			
GF T4412/60	G	G	P	TK	AD131V	AD131IV			
GF T4808	G	G	P	TK	AD131V				
GF T4808/40	G	G	P	TK	AD131V				
GF T4808/60	G	G	P	TK	AD132V	AD138/50	T13029	2N2066	
GF T4808/60	G	G	P	TK	AD131V				
GF T4808/80	G	G	P	TK	AD163IV				
GF T4712	G	G	P	TK	AD130V				
GF T4712/30	G	G	P	TK	AD130V				
GF T4712/60	G	G	P	TK	AD131V	AD138/50	T13029	2N2066	
GF T8024	G	G	P	TK	[AU Y21111]	AD149	2N2836		
GF T8024	G	G	P	TK	CTP1514	OC26			
GM0290	G	G	P		AF139		2N5043	MM139	M9031
GM029A	G	G	P		AF139		2N5043	MM139	M9031
GM0760	G	G	P		AF109	AF106			2SA432
GM0760	G	G	P		AF180	AF190			2SA230
GM0761	G	G	P		AF106	AF190			
GS100	P			GX			T1L806		
GS300	P			GX			T1L88		
GS400	P			GX			LS400		
GS420	P			GX			LS400		
GS800	P.			GX			T1L81*		
GS810	P			GX			T1L81*		
GT3	G	G	P		AC125	AC126	2N2429		
GT4A	G	G	P		AC128	AC132	2N2431		
GT11	G	G	P		AF127	AF185			
GT11	G	G	P		OC45				
GT12	G	G	P		AF127	AF185			
GT12	G	G	P		OC45				
GT13	G	G	P		AF126	AF185			
GT13	G	G	P		OC84				
GT14	G	G	P		AC128	ASY77	2N2431		
GT14	G	G	P		OC72				
GT14H	G	G	P		OC58	OC66			
GT20	G	G	P		AC128	AC132	2N2431		
GT20	G	G	P		OC72				
GT20H	G	G	P		OC58	OC66			

TYPE	M/S	ACI	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
GT31	G	P		AC125	AC126	2N2429	
GT32	G	P		AC126	AC132	2N2431	
GT33	G	P		AC126	AC132	2N2431	
GT34	G	P		AC125	AC126	2N2429	
GT34H	G	P	GI	ASY77	OC77		
GT34S	G	P		AC125			
GT38	G	P		AC125	AC126	2N2429	
GT38	G	P		OC71			
GT41	G	P		AF185	ASY27		
GT42	G	P		AF185	ASY27		
GT43	G	P		AF185	ASY27		
GT45	G	P		ASY26	ASY27		
GT70	G	P		ASY26			
GT74	G	P	GI	AC126		2N2429	
GT81	G	P	GI	AC126	AC126	2N2429	2N2431
GT81				OC72			
GT81H	G	P		AC126	OC58	2N2429	
GT81H				OC66			
GT81HS	G	P		AC126		2N2429	
GT81R	G	P		AC126	AC132	2N2431	
GT83	G	P		AC126	AC126	2N2429	
GT87	G	P		AC125	AC126	2N2429	
GT88	G	P		ASY26			
GT109	G	P		AC126	OC72	2N2431	
GT109R	G	P		AC126	AC132	2N2431	
GT122	G	P	GI	AC126	OC76	2N2429	
GT161	G	P		AF126	AF185		
GT222	G	P	GI	AC125	AC126	2N2429	
GT222				OC71			
GT310	G	P		AC126		2N2431	
GT759	G	P		AF127	OC45		
GT760	G	P		AF127	AF185		
GT760				OC45			
GT760R	G	P		AF127	AF185		
GT760R				OC45			
GT761	G	P		AF126	AF127		
GT761				AF185			
GT761R	G	P		AF126	AF185		
GT761R				OC44			
GT762	G	P		AF185	OC44		
GT949	G	N	GI				
H2	G	P		AD149		2N2836	
H3	G	P		AD149		2N2836	
H4	G	P		AD149		2N2836	
H8DEF	G	P		AF185			
HA1	G	P		AC126	OC66	2N2429	
HA1				OC71			
HA2	G	P		AC126	OC66	2N2429	
HA2				OC71			
HA3	G	P		AC126	OC66	2N2429	
HA3				OC71			
HAB	G	P		OC66	OC58		
HAB				OC69	OC60		
HAB				OC68	OC59		
HA9	G	P		OC60	OC66		
HA9							
HA10	G	P		OC58	OC59		
HA10				OC60	OC66		
HA2000	M	P				3N156A	
HA2001	M	P				3N156	
HA2010	M	P				3N156A	
HC1	G	P		AC126		2N2429	
HD197	G	P		AC126		2N2431	
HEP801	J	N	MO			2N4221	
HEP802	J	N	MO			2N3819	U1837E
HEP803	J	P	MO			2N3330	
HEPF0021	J	N	MO			2N3819	U1837E
HEPF1035	J	P	MO			2N3330	
HEPF2004	J	N	MO			2N5297	
HEPF2006	J	N	MO			2N3822	
HF1	G	P		AF185			
HF2	G	P		AF185			
HJ15	G	P		AC126	AC117	2N362	2N2429
HJ15				AC153			
HJ17	G	P		AC126		2N2431	
HJ17D	G	P		AC124	AC126	2N637	2N2431

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
HJ17D	G	P		AC15J			
HJ22	G	P		AF185			
HJ22D	G	P		AF131	AF137	2N482	2N483
HJ22D	G	P		AF185			
HJ23	G	P		AF126	AF136	2N140	2N412
HJ23				AF185			
HJ23D	G	P		AF126	AF127	2N411	2N485
HJ23D				AF185			
HJ32	G	P		AF131	AF135	2N370	
HJ32				AF136			
HJ34	G	P		AC126	2N2431		
HJ34A	G	P		AC126		2N2431	
HJ35	G	P		ASZ16			
HJ37	G	P		AF126	AF132	2N371	
HJ37				AF137			
HJ50	G	P		AC122	AC126	2N215	2N2428
HJ50				AC163			
HJ51	G	P		AC126	AC153	2N408	2N243T
HJ51				AC180			
HJ54	G	P				2N139	
HJ55	G	P		AF132	AF136	2N219	
HJ55				AF185			
HJ56	G	P		AF133	AF137	2N410	
HJ56				AF185			
HJ57	G	P		AF132	AF136	2N412	
HJ57				AF185			
HJ80	G	P		AF132	AF136	2N139	
HJ80				AF185			
HJ81	G	P		AF127	AF133	2N219	
HJ81				AF137			
HJ82	G	P		AC125	AF185		
HJ70	G	P		AF132	AF135		
HJ70				AF185			
HJ71	G	P		AF132	AF137	2N140	2N371
HJ71				AF185			
HJ72	G	P		AF132	AF137	2N140	2N372
HJ72				AF185			
HJ73	G	P		AF132	AF137	2N373	
HJ73				AF185			
HJ74	G	P		AF132	AF136	2N374	
HJ74				AF137			
HJ75	G	P		AF132	AF137	2N544	
HJ75				AF185			
HL5400	P					25400	
HRN1020	M	P				MF E3003	
HRN1030	M	P				MF E3003	
HRN8318D	M	P				MF E3003	
HRN8338D	M	P				3N155	
HRN8348D	M	P				MF E3003	
HRN8350	M	P				MF E3003	
HRN8353	M	P				MF E3003	
HRN8380	M	P				2N4352	
HRN8383	M	P				3N155	
HS3	G	P		ASY27	OC47		
HS4	G	P		ASY27	OC47		
HS15	G	P				2N109	
HS17D	G	P				2N109	
HS22D	G	P				2N139	
HS23D	G	P				2N140	
HT700	P					TIL78*	
IF1	G	P		AF185			
IF2	G	P		AF185			
IF3	G	P		AF185			
IMF3954	J	N IL				2N5545	2N5197
IMF3954A	J	N IL				2N5196	
IMF3955	J	N IL				2N5547	2N5198
IMF3955A	J	N IL				2N5546	2N5198
IMF3956	J	N IL				2N5547	2N5199
IMF3957	J	N IL				2N5547	2N5199
IMF3958	J	N IL				2N5045	2N5199
IT108	J	N IL				2N5486	2N5245
IT108						U1994E	
IT109	J	N IL				2N5486	2N5397
IT1700	M	P IL				MF E3003	3N163
IT1701	M	P IL				MF E3003	3N163

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
IT1702	M	P	IL		MFE3003	3N163	
IT1750	M	P	IL		3N155		
IT2700			IL		3N170		
IT2701			IL		3N170		
ITE3066	J	N	IL		2N5639	2N5953	
ITE3066					2N4302		
ITE3067	J	N	IL		2N5639	2N3460	
ITE3067					2N4302		
ITE3068	J	N	IL		2N5639	4TE4118	
ITE4117	J	N	IL		2N5640	TN4117	
ITE4118	J	N	IL		2N5640	TN4118	
ITE4119	J	N	IL		2N5640	TN4119	
ITE4338	J	N	IL		2N5486	2N3460	
ITE4338					E101		
ITE4339	J	N	IL		2N5486	2N3460	
ITE4339					2N4302		
ITE4340	J	N	IL		2N5486	2N5953	
ITE4340					2N4302		
ITE4341	J	N	IL		2N5486	2N5953	
ITE4341					2N4303		
ITE4342	J	N			2N5486		
ITE4391	J	N	IL		MPF4391	TIS73	
ITE4391					U1897E		
ITE4392	J	N	IL		MPF4392	TIS74	
ITE4392					U1898E		
ITE4393	J	N	IL		MPF4393	TIS75	
ITE4393					U1899E		
ITE4418	J	N	IL		2N5486	2N5245	
ITE4418					U1994E		
ITE4867	J	N	IL		2N5457	2N3460	
ITE4867					2N4867		
ITE4868	J	N	IL		2N5458	2N3459	
ITE4868					2N4868		
ITE4869	J	N	IL		2N5459	2N5953	
ITE4869					2N4869		
IW8377	S	N		BFX82	BF155		
IW8377				BF180			
J1	G	P		OC72			
J2	G	P		OC72			
J3	G	P		OC72			
J309	J	N			2N5486		
J310	J	N			2N5486		
JP1	G	P		AC128	2N2431		
K1001	M	N			MFE3004	MFE3005	
K1003	M	N			MFE3004	MFE3005	
K1004	J	N			MFE3001		
K1201	M	N			MFE3005		
K1202	M	N			MFE3004		
K1501	M	P			3N157A		
K1502	M	P			3N157A		
K1504	M	P			2N4352		
KE510	J	N			2N5640		
KE511	J	N			2N5640		
KE3684	J	N	IL		2N5457	2N5953	
KE3684					2N4303		
KE3685	J	N	IL		2N5458	AST3821	
KE3685					2N4302		
KE3686	J	N			E101		
KE3687	J	N	IL		2N5457	E101	
KE3623	J	N			2N5668	AST3823	
KE3623					U1837E		
KE3970	J	N	IL		2N5638	TIS73	
KE3970					U1897E		
KE3971	J	N	IL		2N5639	TIS74	
KE3971					U1898E		
KE3972	J	N	IL		2N5640	TIS75	
KE3972					U1899E		
KE4091	J	N	IL		2N5638	TIS73	
KE4091					U1897E		
KE4092	J	N	IL		2N5639	TIS74	
KE4092					U1899E		
KE4093	J	N	IL		2N5640	TIS75	
KE4093					U1899E		
KE4220	J	N	IL		2N5457	AST3821	
KE4220					2N4302		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
KE4221	J	N	IL		2N5458	AST3822	
KE4221	J	N	IL		2N4303		
KE4222	J	N	IL		2N5459	AST3822	
KE4222	J	N	IL		U1837E		
KE4223	J	N	IL		MPF102	2N5950	
KE4223	J	N	IL		U1837E		
KE4224	J	N	IL		MPF102	2N5949	
KE4224	J	N	IL		2N5163		
KE4391	J	N	IL		MPF4391	TIS73	
KE4391	J	N	IL		U1897E		
KE4392	J	N	IL		MPF4392	TIS74	
KE4392	J	N	IL		U1898E		
KE4393	J	N	IL		MPF4393	TIS75	
KE4393	J	N	IL		U1899E		
KE4416	J	N	IL		2N5486	2N5245	
KE4416	J	N	IL		U1994E		
KE4856	J	N	IL		MPF4391	TIS73	
KE4856	J	N	IL		U1897E		
KE4857	J	N	IL		MPF4392	TIS74	
KE4857	J	N	IL		U1898E		
KE4858	J	N	IL		MPF4393	TIS75	
KE4858	J	N	IL		U1899E		
KE4859	J	N	IL		MPF4391	2N4859	
KE4859	J	N	IL		TIS73	U1897E	
KE4860	J	N	IL		MPF4392	2N4860	
KE4860	J	N	IL		TIS74	U1898E	
KE4861	J	N	IL		MPF4393	2N4861	
KE4861	J	N	IL		TIS74	U1899E	
KE5103	J	N	IL		2N5668	2N3823	
KE5103	J	N	IL		2N5952	2N4302	
KE5104	J	N	IL		2N5669	2N3823	
KE5104	J	N	IL		2N5953	2N4303	
KE5105	J	N	IL		2N5670	2N3823	
KE5105	J	N	IL		2N6246	U1994E	
L14B	P				L5869		
LA-600	P						
LA-700	P						
LDF603	J	N	AM		TIL601*		
LDF604	J	N	AM		TIL63*		
LDF605	J	N	AM		2N4221A		
LDF605	J	N	AM		2N4221A		
LDF605	J	N	AM		2N4222A		
LDF691	J	N	AM		2N4391		
LDF692	J	N	AM		2N4392		
LDF693	J	N	AM		2N4393		
LM390	S	P		9C328			
LM399	S	N		9C338			
LM596	S	N		9C548C			
M104	G	P		AF178	2N2495		
M10L	G	N		AC176	2N2495		
M124	G	P		AF178			
M100	M	N	SX		2N3796		
M101	M	N	SX				
M103	M	P	IL, SX		MFE3003	3N161	
M104	M	P	IL, SX		3N158	3N174	
M106	M	P	IL, SX		2N4067		
M107	M	P	IL, SX		2N4067		
M108	M	P	IL, SX		2N4067		
M113	M	P	IL, SX		3N155		
M114	M	P	IL, SX		2N4352	3N160	
M116	M	P	SX		3N161		
M117	M	P	IL, SX		3N180		
M119	M	P	SX		MFE3003	3N161	
M183	M	P	SX		3N163		
M164	M	P	SX		3N184		
M200	S	N		9C548			
M200E	S	N		9C548B			
M290	G	P		AC128			
M299	S	N		9C338			
M511	M	P	IL, SX		MFE3003	3N161	
M511A	M	P	IL, SX		MFE3003	3N161	
M517	M	P	SX		3N161		
M3016	G	P		AC128			
MA100	G	P	MO		MA881		
MA112	G	P	MO		MA113		
MA113	G	P	MO		MA114		
MA114	G	P	MO		MA883		

TYPE	MS	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
MA115	G	P	MO		MA113		
MA116	G	P	MO		MA114		
MA117	G	P	MO		MA116		
MA200	G	P	MO		MA202		
MA201	G	P	MO		MA201		
MA202	G	P	MO		MA200		
MA203	G	P	MO		MA203		
MA204	G	P	MO		MA201	MA203	
MA205	G	P	MO		MA204		
MA206	G	P	MO		MA206		
MA286	G	P	MO		MA287		
MA287	G	P	MO		MA117		
MA288	G	P	MO		MA887		
MA881	G	P	MO		MA882		
MA882	G	P	MO		MA883		
MA883	G	P	MO		MA884		
MA884	G	P	MO		MA889		
MA885	G	P	MO		MA881	MA886	
MA886	G	P	MO		MA887		
MA887	G	P	MO		MA888		
MA888	G	P	MO		MA889		
MA889	G	P	MO		MA884		
MA909	G	P	MO		MA910		
MA910	G	P	MO				
MA1703	G	P	MO				
MA1703	G	P	MO		MA1704		
MA1704	G	P	MO		MA1705		
MA1705	G	P	MO				
MA1706	G	P	MO		MA1707		
MA1707	G	P	MO		MA1708		
MA1708	G	P	MO				
MC101	G	P	MO				
ME0411	S	P	ME	AF186			
ME0412	S	P	ME	8C307V1			
MEM511	M	P	GI, IL	8C307A			
MEM511A	M	P			MFE3003	SFB3082	
MEM511C	M	P	GI, IL		MFE3003		
MEM517A	M	P	GI		3N181		
MEM520	M	P	GI, IL		MFE3003		
MEM520C	M	P	GI, IL		2N5352	3N174	
MEM550	M	P	GI, IL		2N5352	3N174	
MEM550C	M	P	GI, IL		SFC5418		
MEM551	M	P	GI, IL		SFC5418		
MEM551C	M	P	GI, IL		SFC5417		
MEM554	M	N	GI		SFC5417		
MEM554C	M	N	GI		MFE3008	3N201	
MEM556	M	P	GI		MFE3006	3N201	
MEM556C	M	P	GI		3N158A	3N174	
MEM557	M	N	GI		3N158A	3N174	
MEM557C	M	N	GI		3N128		
MEM560	M	P	GI		3N128		
MEM560C	M	P	GI		3N158A	3N181	
MEM561C	M	P	GI		3N158A	3N181	
MEM562	M	N	GI		2N4351		
MEM562C	M	N	GI		2N4351		
MEM563	M	N	GI		2N4351		
MEM563C	M	N	GI		2N4351		
MEM564C	M	N	GI		3N140		
MEM571C	M	N	GI		3N128		
MEM575	M	P	GI		3N158A		
MEM614	M	N	GI		3N140	3N203	
MEM615A	M	N			3N140		
MEM616	M	N			3N140		
MEM617	M	N			3N140		
MEM618	M	N			3N140		
MEM655	M	N	GI		3N128		
MEM656A	M	N			3N128		
MEM660	M	N	GI		3N128	SFC3260	
MEM780	M	P			MFE5000		
MEM803	M	P	GI		3N158A		
MEM804	M	P	GI		3N158A		
MEM808	M	P	GI		3N158A		
MEM806A	M	P			3N158A		
MEM807	M	P	GI		3N158A		
MEM807A	M	P			3N158A		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
MEM809	M	P			3N158A		
MEM819	M	P			3N158A		
MEM857	M	P			MFE5000		
MFE120	M	N	MO				
MFE121	M	N	MO				
MFE122	M	N	MO				
MFE2000	J	N	MO		SF8182	2N3823	
MFE2001	J	N	MO		SF86183	2N3823	
MFE2002	J	N	MO		SF-B6184		
MFE2004	J	N	MO, IL		2N4880	2N4093	
MFE2005	J	N	MO, IL		2N4859	2N4092	
MFE2006	J	N	MO, IL		2N4859	2N4091	
MFE2007	J	N	MO, IL		2N4860	2N3970	
MFE2008	J	N	MO, IL		2N4859	2N3970	
MFE2009	J	N	MO, IL		2N4859	2N4878	
MFE2010	J	N	MO, IL		2N4859		
MFE2011	J	N	MO, IL		SFC1785	2N4977	
MFE2012	J	N	MO, IL		SFC1785	2N4446	
MFE2093	J	N	MO, IL		2N5358		
MFE2094	J	N	MO, IL		2N5359		
MFE2095	J	N	MO, IL		2N5360		
MFE2097	J	N	MO		2N4093	2N4092	
MFE2098	J	N	MO		2N4091		
MFE2133	J	N	MO		2N4880	2N4092	
MFE3003	M	P	MO, IL		SF4047		
MFE3008	M	N	MO				
MFE3007	M	N	MO				
MFE3008	M	N	MO				
MFE4007	J	P	MO, IL				
MFE4008	J	P	MO, IL		2N2608		
MFE4009	J	P	MO, IL		2N2608		
MFE4010	J	P	MO				
MFE4011	J	P	MO		2N2498		
MFE4012	J	P	MO		2N2498		
MFT122	G	P		AC128	2N3331		
MFT123	G	P		AC128	2N3331		
MHT5501	S	N	HW		2N2431		
MHT5502	S	N	HW		2N4300		
MHT5503	S	N	HW		2N4300		
MHT5504	S	N	HW		2N4300		
MHT5505	S	N	HW		2N4300		
MHT5506	S	N	HW		2N4300		
MHT5507	S	N	HW		2N4300		
MHT5508	S	N	HW		2N4300		
MHT8408	S	N	HW		2N3996		
MHT8409	S	N	HW		2N3996		
MHT8410	S	N	HW		2N3996		
MHT8411	S	N	HW		2N3996		
MHT8412	S	N	HW		2N3996		
MHT8413	S	N	HW		2N3996		
MHT8414	S	N	HW		2N3996		
MHT8415	S	N	HW		2N3996		
MHT8416	S	N	HW		2N3996		
MHT7011	S	N	HW		2N4301		
MHT7012	S	N	HW		2N4301		
MHT7013	S	N	HW		2N4301		
MHT7014	S	N	HW		2N4301		
MHT7015	S	N	HW		2N4301		
MHT7016	S	N	HW		2N4301		
MHT7017	S	N	HW		2N4301		
MHT7018	S	N	HW		2N4301		
MHT7019	S	N	HW		2N4301		
MHT7401	S	N	HW		2N3421		
MHT7402	S	N	HW		2N3421		
MHT7403	S	N	HW		2N3421		
MHT7404	S	N	HW		2N3421		
MHT7405	S	N	HW		2N3421		
MHT7406	S	N	HW		2N3421		
MHT7407	S	N	HW		2N3421		
MHT7408	S	N	HW		2N3421		
MHT7409	S	N	HW		2N3421		
MHT7410	S	N	HW		2N3421		
MHT7411	S	N	HW		2N3421		
MHT7412	S	N	HW		2N3421		
MHT7413	S	N	HW		2N3421		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
MHT7414	S	N	HW		2N3421			
MHT7415	S	N	HW		2N3421			
MHT7416	S	N	HW		2N3421			
MHT7417	S	N	HW		2N3421			
MHT7418	S	N	HW		2N3421			
MHT7419	S	N	HW		2N3421			
MHT7801	S	N	HW		2N5381			
MHT7802	S	N	HW		2N5387			
MHT7803	S	N	HW		2N5387			
MHT7804	S	N	HW		2N5387			
MHT7805	S	N	HW		2N5387			
MHT7806	S	N	HW		2N5387			
MHT7807	S	N	HW		2N5387			
MHT7808	S	N	HW		2N5387			
MHT7809	S	N	HW		2N5387			
MHT9002	S	N	HW		2N4002			
MHT9004	S	N	HW		2N4002			
MHT9001	S	N	HW		2N4002			
MHT9002	S	N	HW		2N4002			
MHT9003	S	N	HW		2N4002			
MHT9004	S	N	HW		2N4002			
MHT9005	S	N	HW		2N4002			
MHT9006	S	N	HW		2N4002			
MHT9007	S	N	HW		2N4002			
MHT9008	S	N	HW		2N4002			
MHT9009	S	N	HW		2N4002			
MHT9010	S	N	HW		2N4002			
MHT9011	S	N	HW		2N4002			
MHT9012	S	N	HW		2N4002			
MJ400	S	N	MO	(8UY79)	2N5338	TIP49	06	
MJ400					2N3585		06	
MJ410	S	N	MO	BUY74	FT410	RCA410	06	
MJ411	S	N	MO	BUY75	FT411	RCA411	06	
MJ413	S	N	MO	BUY76	FT413	TIP54	16	
MJ413					RCA413		16	
MJ420	S	N	MO	8F258	(8F459)	2N5059	2N3440	06
MJ421	S	N	MO	(8F459)		2N3439		06
MJ423	S	N	MO	BUY76	80Y96	F7423	TIP54	16
MJ423						RCA423		16
MJ424	S	N	MO	BUY76	BUY76	2N6251		06
MJ425	S	N	MO	BUY76	BUY76			06
MJ430						FT430		16
MJ431	S	N	MO	BUY76	80Y96	FT431	TIP54	16
MJ431						RCA431		09
MJ450	S	P	MO			2N6469	2N4398	09
MJ450						TIP32	2N6246	09
MJ480	S	N	MO			2N6470	2N3055	06
MJ480						2N4913	2N3713	06
MJ480						2N5067		06
MJ481	S	N	MO			2N6471	2N3055	06
MJ481						2N4914	2N3714	06
MJ481						2N5068		06
MJ490	S	P	MO			2N6469	2N4904	06
MJ490						TIP34	2N4901	06
MJ490						2N6246		06
MJ491	S	P	MO			2N4905	TIP34	06
MJ491						2N4902	2N6246	06
MJ500	S	P	MO			TIP42		09
MJ501	S	P	MO			TIP42A		09
MJ802	S	N	MO			2N3716	2N6258	06
MJ900	S	P	MO			RCA8350A	2N3789	06
MJ901	S	P	MO			RCA8350B	2N3790	06
MJ920	S	P	MO			RCA8350A		06
MJ921	S	P	MO			RCA8350B		06
MJ1000	S	N	MO			SE9303	RCA1000	06
MJ1000						2N3713		06
MJ1001	S	N	MO			SE9304	RCA1001	06
MJ1001						2N3714		06
MJ1200	S	N	MO			2N6384		06
MJ1201	S	N	MO			2N6385		06
MJ1800	S	N	MO	BUY18C	BUY74	2N6250	TIP51	09
MJ1800				80Y96		2N5838		09
MJ2249	S	N	MO	80X25-6		2N3766	2N3678	09
MJ2249						MJ2250	TIP31A	09
MJ2249						2N3879		09

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
MJ2250	S	N	MO	BOX25-6		2N3787	TIP318		09
MJ2250	S	N	MO	BOX67C	(BUY78)	2N3879			06
MJ2251	S	N	MO	BOX67C	(BUY78)	MJ2252	TIP47		06
MJ2251	S	N	MO	BOX67C	(BUY78)	2N2584			06
MJ2252	S	N	MO	BOX67C	(BUY78)	TIP48	2N3584		06
MJ2253	S	P	MO			MJ2254	TIP32		09
MJ2253	S	P	MO			2N4899	2N5956		09
MJ2254	S	P	MO			TIP32B	2N5954		09
MJ2254	S	N	MO			2N4900			09
MJ2255	S	N	MO			2N3713			09
MJ2257	S	N	MO			2N3714			09
MJ2257	S	P	MO			2N6469	2N4901		09
MJ2257	S	N	MO			2N3789	2N3791		09
MJ2257	S	P	MO			2N6246			09
MJ2258	S	P	MO			2N5879	2N4902		09
MJ2258	S	P	MO			2N3790	2N6246		09
MJ2500	S	P	MO			RCAB350A	TIP145		06
MJ2501	S	P	MO			RCAB350B	TIP146		06
MJ2801	S	N	MO			2N6569	2N6371		09
MJ2801	S	N	MO			2N3066	2N3713		09
MJ2801	S	N	MO			40251			09
MJ2802	S	N	MO			2N3714			09
MJ2804	S	N	MO			2N5881	2N4347		06
MJ2840	S	N	MO			2N3715	TIP41A		06
MJ2840	S	N	MO			2N3066			06
MJ2840	S	N	MO			2N5882	2N4347		06
MJ2841	S	N	MO			2N3716	TIP41B		06
MJ2841	S	N	MO			2N6254			06
MJ2862	S	P	MO			2N3791			09
MJ2901	S	P	MO			2N6469	2N4901		09
MJ2901	S	P	MO			2N6246			09
MJ2940	S	P	MO	BOX18N		2N6254	2N5879		06
MJ2940	S	P	MO	BOX18N		2N3791			06
MJ2941	S	P	MO	BOX18N		2N5880	2N6247		06
MJ2941	S	P	MO	BOX18N		2N3792	2N6246		06
MJ2955	S	P	MO	BOX18N		FT2955	2N6247		09
MJ3000	S	N	MO			SE9300	TIP140		06
MJ3001	S	N	MO			SE9304	TIP141		06
MJ3010	S	N	MO	BUX16B		TIP51	MJ3011		06
MJ3011	S	N	MO	BUX16B		TIP53			06
MJ3026	S	N	MO	BUY78		2N5839			06
MJ3027	S	N	MO	BUY78	BUY79	FT401	2N5840		06
MJ3028	S	N	MO	BUY78	BUY78	FT402			06
MJ3029	S	N	MO	BUY78	BUY74	FT411	TIP51		06
MJ3029	S	N	MO	BUY78	BUY74	FT411	TIP51		06
MJ3029	S	N	MO	BUY78	BUY74	FT411	TIP51		06
MJ3029	S	N	MO	BUY78	BUY74	FT411	TIP51		06
MJ3030	S	N	MO	BUY78	BUY79	2N5839			06
MJ3101	S	N	MO	BUX16C	BUY79	FT413	TIP53		09
MJ3201	S	N	MO	BOX25-6		2N3878	TIP31		06
MJ3201	S	N	MO	BUY67A	(BF458)	SE9331	TIP47		06
MJ3202	S	N	MO	BUY67B	(BF459)	SE9331	TIP48		06
MJ3202	S	N	MO	BUY67B	(BF459)	SE9331	TIP48		06
MJ3202	S	N	MO	BUY67B	(BF459)	2N3585			06
MJ3260	S	N	MO			2N6250			10
MJ3430	S	N	MO			FT411	2N5840		06
MJ3583	S	P	MO	BUX18B	BUY75	2N6211			06
MJ3584	S	P	MO	BUX18B	BUY75	2N6212			09
MJ3585	S	P	MO	BUX18B	BUY75	2N6212			09
MJ3701	S	P	MO			2N5956	2N4898		09
MJ3701	S	P	MO			TIP32	2N5456		09
MJ3760	S	N	MO	BU126					09
MJ3761	S	N	MO	BU126					09
MJ3771	S	N	MO	BU126		2N3771	2N6301		09
MJ3772	S	N	MO			2N3772	2N5301		09
MJ3773	S	N	MO			2N5630	2N3773		09
MJ3801	S	N	MO			TIP33B			06
MJ3802	S	N	MO			TIP33B			06
MJ4000	S	N	MO			SE9303	2N6384		06
MJ4000	S	N	MO			TIP120			06
MJ4001	S	N	MO			SE9304	2N6385		06
MJ4001	S	N	MO			TIP121			06
MJ4010	S	P	MO			RCAB350A	TIP125		06
MJ4011	S	P	MO			RCAB350B	TIP126		06
MJ4030	S	P	MO			TIP145			06
MJ4031	S	P	MO			TIP146			06
MJ4032	S	P	MO			TIP147			06
MJ4033	S	N	MO						06
MJ4034	S	N	MO						06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
MJ4035	S	N	MO		TIP31		09
MJ4101	S	N	MO		2N6212		09
MJ4240	S	P	MO		2N4399	2N6248	06
MJ4502	S	P	MO		FT5415		
MJ4545	S	P	MO				
MJ4645	S	P	MO		FT5416		06
MJ4647	S	P	MO		FT5416		06
MJ4648	S	P	MO		FT5416		06
MJ5038	S	N	MO		2N5038		
MJ5415	S	P	MO		2N5415		06
MJ5416	S	P	MO		2N5416		06
MJ5600	S	N	MO		2N3772		
MJ5601	S	N	MO		2N6258		
MJ5602	S	N	MO		2N3773		
MJ5603	S	N	MO		2N3773		
MJ5000	S	N	MO		2N3772		
MJ5001	S	N	MO		2N6258		
MJ5002	S	N	MO		2N3773		
MJ5003	S	N	MO		2N6258		
MJ5004	S	N	MO		2N6259		
MJ6267	S	N	MO		2N3771		09
MJ6302	S	N	MO		2N5631	2N3773	09
MJ6700	S	P	MO				06
MJ6701	S	P	MO				09
MJ7000	S	N	MO		2N3265	2N6303	09
MJ7160	S	N	MO		F7430		
MJ8100	S	P	MO				09
MJ8101	S	P	MO				09
MJ9000	S	N	MO		2N6805		06
MJE29	S	N	MO	8D239	TIP29		
MJE29A	S	N	MO	8D239A	TIP29A		
MJE29B	S	N	MO	8D239B	TIP29B		
MJE29C	S	N	MO	8D239C	TIP29C		
MJE30	S	P	MO	8D240	TIP30		
MJE30A	S	P	MO	8D240A	TIP30A		
MJE30B	S	P	MO	8D240B	TIP30B		
MJE30C	S	P	MO	8D240C	TIP30C		
MJE31	S	N	MO	8D241	TIP31		
MJE31A	S	N	MO	8D241A	TIP31A		
MJE31B	S	N	MO	8D241B	TIP31B		
MJE31C	S	N	MO	8D241C	TIP31C		
MJE32	S	P	MO	8D242	TIP32		
MJE32A	S	P	MO	8D242A	TIP32A		
MJE32B	S	P	MO	8D242B	TIP32B		
MJE32C	S	P	MO	8D242C	TIP32C		
MJE33	S	N	MO		2N6486	TIP33	
MJE33A	S	N	MO		2N6487	TIP33A	
MJE33B	S	N	MO		2N6488	TIP33B	
MJE34	S	P	MO		2N6489	TIP34	
MJE34A	S	P	MO		2N6490	TIP34A	
MJE34B	S	P	MO		2N6491	TIP34B	
MJE41	S	N	MO	8D243	TIP41		
MJE41A	S	N	MO	8D243A	TIP41A		
MJE41B	S	N	MO	8D243B	TIP41B		
MJE41C	S	N	MO	8D243C	TIP41C		
MJE42	S	P	MO	8D244	TIP42		
MJE42A	S	P	MO	8D244A	TIP42A		
MJE42B	S	P	MO	8D244B	TIP42B		
MJE42C	S	P	MO	8D244C	TIP42C		
MJE47	S	N	MO		TAS863C		
MJE48	S	N	MO		TAS863B		
MJE49	S	N	MO		TAS863A		
MJE101	S	P	MO	8D132	TIP34	RCA101	
MJE102	S	P	MO		TIP34A	RCA102	
MJE103	S	P	MO		TIP34A	RCA103	
MJE103	S	P	MO		TIP34		
MJE104	S	P	MO		TIP34B	RCA104	
MJE104	S	P	MO		TIP34A		
MJE105	S	P	MO	(8D440)	TIP32A	2N6133	
MJE106	S	P	MO		TIP34A	RCA105	
MJE106K	S	P	MO		TIP32A	2N6133	
MJE170	S	P	MO		TIP30	2N5323	07
MJE171	S	P	MO		TIP30A	2N5323	07
MJE172	S	P	MO		TIP32B	2N5322	07
MJE180	S	N	MO		TIP29	2N5321	07

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
MJE181	S	N	MO		TIP29A	2N5311	07
MJE182	S	N	MO		TIP29B	2N5320	07
MJE200	S	N	MO		TIP31	2N4845	01
MJE201	S	N	MO	BD131	TIP33	RCA201	
MJE202	S	N	MO		TIP33A	RCA202	
MJE203	S	N	MO		TIP33A	RCA203	
MJE203	S	N	MO		TIP33		
MJE204	S	N	MO		TIP33A	TIP33P	
MJE204	S	N	MO		RCA204		
MJE205	S	N	MO	(8D439)	TIP31A	TIP33	08
MJE206	S	N	MO		TIP33A	2N6130	06
MJE206	S	N	MO		RCA206		06
MJE205K	S	N	MO	(8D439)	TIP31A	2N6130	06
MJE210	S	P	MO		TIP32		01
MJE220	S	N	MO	8D221	2N5321		07
MJE221	S	N	MO	8D221	2N5320		07
MJE222	S	N	MO	8D221	2N5321		07
MJE223	S	N	MO	8D222	2N5321		07
MJE224	S	N	MO	8D222	2N5320		07
MJE225	S	N	MO	8D222	2N5321		07
MJE230	S	P	MO		2N5323		07
MJE231	S	P	MO		2N5322		07
MJE232	S	P	MO		2N5323		07
MJE233	S	P	MO		2N5323		07
MJE234	S	P	MO		2N5322		07
MJE235	S	P	MO		2N5323		07
MJE240	S	N	MO		2N5320		07
MJE241	S	N	MO		2N5320		07
MJE242	S	N	MO		2N5320		07
MJE243	S	N	MO		2N5681		07
MJE244	S	N	MO		2N5682		07
MJE250	S	P	MO		2N5322		07
MJE251	S	P	MO		2N5322		07
MJE252	S	P	MO		2N5322		07
MJE253	S	P	MO		2N5679		07
MJE264	S	P	MO		2N5679		07
MJE306	S	N	MO	AM291	2N3055		
MJE340	S	N	MO	(8F459)	BDX10		
MJE340	S	N	MO	BD410	F T48	TIP48	08
MJE340	S	N	MO	BD144			
MJE340K	S	N	MO	(8F459)	F T48	TAB8K38	06
MJE341	S	N	MO	(8F458)			08
MJE341K	S	N	MO	(8F458)	TAB863J		06
MJE344	S	N	MO	(8F458)	FT47		06
MJE344K	S	N	MO	(8F458)	FT47		08
MJE350	S	P	MO		FT48		01
MJE370	S	P	MO, NP	8D436	TIP30	2N6124	08
MJE370	S	P	MO, NP		FIP32	RCA370	08
MJE370	S	P	MO, NP		SDA445		08
MJE370K	S	P	MO, NP	8D242	TIP30	2N6124	06
MJE371	S	P	MO, NP	8D224	2N6124	TIP32	08
MJE371	S	P	MO, NP	8D224	RCA371	SDA445	06
MJE371K	S	P	MO, NP	8D435	2N6124		06
MJE520	S	N	MO, NP	8D435	TIP29	TIP31	06
MJE520	S	N	MO, NP		2N6121	RCA520	06
MJE520	S	N	MO, NP		SDA345		06
MJE520K	S	N	MO, NP	8D241	TIP29	2N6121	08
MJE521	S	N	MO, NP	8D221	TIP31	RCA521	08
MJE521	S	N	MO, NP		SDA345	2N6121	06
MJE521K	S	N	MO, NP	8D221	2N6121		06
MJE700	S	P	MO	8D646	RCAB203A		06
MJE701	S	P	MO	8D646	RCAB203A	TIP114	06
MJE702	S	P	MO	8D648	RCAB203B	TIP116	06
MJE703	S	P	MO	8D648	RCAB203B	TIP116	06
MJE710	S	P	MO	(8D438)	TIP30	2N5323	09
MJE711	S	P	MO	(8D440)	TIP30A	2N5323	09
MJE712	S	P	MO	(8D442)	TIP30B	2N5322	09
MJE720	S	N	MO	(8D437)	TIP29	2N5321	09
MJE721	S	N	MO	(8D439)	TIP29A	2N5321	09
MJE722	S	N	MO	(8D441)	TIP29B		09
MJE800	S	N	MO	8D645	SE9300	2N6387	08
MJE800	S	N	MO		TIP110		06
MJE801	S	N	MO	(8D645)	2N6387	TIP110	06
MJE801	S	N	MO		SE9301		06
MJE802	S	N	MO	8D647	SE9300	2N6388	06
MJE802	S	N	MO		TIP111		06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
MJE803	S	N	MO	8D647		SE9301	2N6388		06
MJE803	S	P	MO	8DX34A	8D646	TIP111			06
MJE1090	S	P	MO	8DX34A	8D646	TIP125			06
MJE1091	S	P	MO	8DX34E	8D648	TIP126			06
MJE1092	S	P	MO	8DX34E	8D648	TIP126			06
MJE1093	S	P	MO	8DX34E	8D648	TIP126			06
MJE1100	S	N	MO	8DX33A	8D645	SE9300	TIP120		06
MJE1101	S	N	MO	8DX33A	8D645	SE9300	TIP120		06
MJE1102	S	N	MO	8DX33B	8D647	SE9301	TIP121		06
MJE1103	S	N	MO	8DX33B	8D647	SE9301	TIP121		06
MJE1290	S	P	MO			2N6489	2N6109		09
MJE1290	S	P	MO			TIP34			09
MJE1291	S	P	MO			F T2955	2N6490		09
MJE1291	S	P	MO			2N6107	TIP34A		09
MJE1660	S	N	MO			2N6486	2N6103		09
MJE1660	S	N	MO			TIP33			09
MJE1661	S	N	MO			F T3055	2N6487		09
MJE1661	S	N	MO			2N6101	TIP33A		09
MJE2010	S	P	MO	8D244	(8D438)	TIP32	TIP34		09
MJE2010	S	P	MO			2N6124			09
MJE2011	S	P	MO	8D244A	(8D440)	TIP32A	TIP34A		09
MJE2011	S	P	MO			2N6126			09
MJE2020	S	N	MO	8D243	(8D437)	TIP31	TIP33		09
MJE2020	S	N	MO			2N6121			09
MJE2021	S	N	MO	8D243A	(8D439)	TIP31A	TIP33A		09
MJE2021	S	N	MO			2N6122			09
MJE2050	S	N	MO			2N6121	40979		06
MJE2060	S	N	MO			TIP54			06
MJE2061	S	N	MO			TIP54			06
MJE2090	S	P	MO	8DX34A	8D646				06
MJE2091	S	P	MO	8DX34A	8D646				06
MJE2092	S	P	MO	8DX34E	8D648				06
MJE2093	S	P	MO	8DX34E	8D648				06
MJE2100	S	N	MO	8DX33A	8D645				06
MJE2101	S	N	MO	8DX33A	8D645				06
MJE2102	S	N	MO	8DX33B	8D647				06
MJE2103	S	N	MO	8DX33B	8D647				06
MJE2150	S	N	MO			TIP32			06
MJE2160	S	N	MO			TAB863B			01
MJE2360	S	N	MO			F T49	TAB863E		06
MJE2361	S	N	MO			F T49	TAB863A		06
MJE2370	S	P	MO	8D240	8D438	TIP30	2N6109		09
MJE2370	S	P	MO			2N5320	TIP34		09
MJE2371	S	P	MO	8D240A	8D440	2N6107	2N523		09
MJE2371	S	P	MO			TIP34A			09
MJE2480	S	N	MO	8D221	8D243	2N6290	2N6121		09
MJE2480	S	N	MO	(8D437)		TIP33			09
MJE2481	S	N	MO	8D222	8D243A	2N6282	2N6121		09
MJE2481	S	N	MO	(8D439)		TIP33A			09
MJE2482	S	N	MO	8D221	8D243	2N6290	2N6129		09
MJE2482	S	N	MO	(8D437)		TIP33			09
MJE2483	S	N	MO	8D222	8D243A	2N6202	2N6130		09
MJE2483	S	N	MO	(8D439)		TIP33A			09
MJE2490	S	P	MO	8D224	8D244	2N6109	2N6124		09
MJE2490	S	P	MO	8D438		TIP34			09
MJE2491	S	P	MO	8D225	8D244A	2N6107	2N6125		09
MJE2491	S	P	MO	8D440		TIP34A			09
MJE2520	S	N	MO	8D239	8D437	TIP29	TIP33		09
MJE2520	S	N	MO			2N6290	2N5321		09
MJE2521	S	N	MO	8D239A	8D439	2N6292	2N5321		09
MJE2521	S	N	MO			TIP33A			09
MJE2522	S	N	MO	8D241	8D437	2N6121	TIP33		09
MJE2523	S	N	MO	8D241A	8D439	2N6122	TIP33A		09
MJE2801	S	N	MO			F T3055	2N6487		09
MJE2801	S	N	MO			TIP33A	TIP41A		09
MJE2801K	S	N	MO			F T3055	2N6487		06
MJE2901	S	P	MO			F T2955	2N6490		06
MJE2901	S	P	MO			TIP42A	2N3789		06
MJE2901	S	P	MO			TIP34			06
MJE2901K	S	P	MO			F T2955	2N6490		06
MJE2901K	S	P	MO			2N3789			06
MJE2955	S	P	MO			F T2955	40878		09
MJE2955	S	P	MO			2N3791	TIP34		09
MJE2955	S	P	MO			TIP2955			09
MJE2955K	S	P	MO			F T2955	40878		09

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
MJE2955K						2N3791			09
MJE3050	S	N	MO			TIP33A			
MJE3054	S	N	MO	(8D441)		RCA3054	2N6123		09
MJE3055	S	N	MO	AM291	BDX10	F T3055	RCA3056		09
MJE3055						2N6099	TIP3055		09
MJE3055						2N3055	TIP33A		09
MJE3055K	S	N	MO			F T3055	RCA3055		09
MJE3370	S	P	MO	80242	(8D436)	TIP30	TIP32		06
MJE3370						2N6124			06
MJE3371	S	P	MO	80224	(8D438)	40980	2N6124		06
MJE3371						TIP32			06
MJE3439	S	N	MO			F T49	RCP11D		06
MJE3439						2N3439	TIP51		06
MJE3440	S	N	MO			F T47	2N3440		06
MJE3440						TIP52			06
MJE3520	S	N	MO	(8D435)		TIP29	TIP33		06
MJE3521	S	N	MO	8D221	(8D437)	2N6121	TIP33		06
MJE3738	S	N	MO	(8F458)		F T43	TIP51		06
MJE3739	S	N	MO	(8F459)		TIP52			06
MJE3740	S	P	MO	8D440		2N6126	2N6107		16
MJE3740						TIP34A			16
MJE3741	S	P	MO	8D442		2N6107	2N6126		16
MJE3741						TIP34B			16
MJE3839						F T48			
MJE4916	S	P	MO			2N6124			
MJE4918	S	P	MO	8D240	8D438	TIP30			06
MJE4919	S	P	MO	8D240A	8D440	TIP30A	2N6125		06
MJE4920	S	P	MO	8D240B	8D442	TIP30B	2N6126		06
MJE4921	S	N	MO	8D239	8D437	TIP29	2N6121		06
MJE4922	S	N	MO	8D239A	8D439	TIP29A	2N6122		06
MJE4923	S	N	MO	8D239B	8D441	TIP29B	2N6123		06
MJE5120	S	N	MO			2N6121			
MJE5190	S	N	MO	8D221	(8D437)	2N6121			06
MJE5191	S	N	MO	8D222	(8D439)	2N6122			06
MJE5192	S	N	MO	(8D441)		2N6123			06
MJE5193	S	P	MO	8D224	(8D438)	2N6124			06
MJE5194	S	P	MO	8D225	(8D440)	2N6125			06
MJE5195	S	P	MO	(8D442)		2N6126			06
MJE5655	S	N	MO			F T47	TAS863J		06
MJE5656	S	N	MO			F T48	TAS863F		06
MJE5657	S	N	MO			F T49	TAS863F		06
MJE5974	S	P	MO	(8D440)		TIP32	2N6489		06
MJE5974						2N6132			06
MJE5975	S	P	MO	(8D442)		TIP32A	2N6490		06
MJE5975						2N6133			06
MJE5976	S	P	MO	(8D442)		TIP32B	2N6491		06
MJE5976						2N6134			06
MJE5977	S	N	MO	(8D439)		TIP31	2N6486		06
MJE5977						2N6129			06
MJE5978	S	N	MO	(8D441)		TIP31A	2N6487		06
MJE5978						2N6130			06
MJE5979	S	N	MO	(8D441)		TIP31B	2N6488		06
MJE5979						2N6131			06
MJE5980	S	P	MO			2N6132	2N6489		06
MJE5981	S	P	MO			2N6133	2N6490		06
MJE5982	S	P	MO			2N6134	2N6491		06
MJE5983	S	N	MO			2N6129	2N6486		06
MJE5984	S	N	MO			2N6130	2N6487		06
MJE5985	S	N	MO			2N6131	2N6488		06
MJE6040	S	P	MO		80X34A				06
MJE6041	S	P	MO		80X34B				06
MJE6042	S	P	MO		80X34C				06
MJE6043	S	N	MO		80X33A	SE9300			06
MJE6044	S	N	MO		80X33B	SE9301			06
MJE6045	S	N	MO		80X33C	SE9302			06
MM1812	S	N	MO			2N3440			
MM2090	J	N	MO			3N124			
MM2091	J	N	MO			3N125			
MM2092	J	N	MO			3N126			
MM2102	M	N	MO			2N4351			
MM2103	M	P	MO			2N4352			
MM3005	S	N	MO			40635	2N6681		07
MM3008	S	N	MO			2N5681			07
MM3007	S	N	MO			2N5681			07
MM4000	S	P	MO	8FT28					02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
MM4001	S	P	MO	BF T28A			02
MM4002	S	P	MO	BF T28B			02
MM4003	S	P	MO	BF T28C			02
MM5005	S	P	MO		40634	2N5679	11
MM5006	S	P	MO		2N5679		11
VM5007	S	P	MO		2N5679		11
MMF1	J	N	MO		2N5197		
MMF2	J	N	MO		2N3921		
MMF3	J	N	MO		2N5198		
MMF4	J	N	MO		2N3922		
MMF5	J	N	MO		2N5199		
MMF6	J	N	MO		SJ2080		
MMR6/1	C	C	P	AC126	2N2429		
MMR6/2	C	C	P	AF178	2N2495		
MMR6/3	G	C	P	AF185			
MMR6/11	G	P		AC128	2N2431		
MMR6/12	G	P		AD148	2N2836		
MNT3823	J	N	MO		2N3823		
MN24	G	C	P	AD148	2N2836		
MN25	C	C	P	AD148	2N2836		
MN26	G	P		AD148	2N2836		
MP500	G	P	MO		MP504		06
MP501	G	P	MO		MP505		06
MP502	G	P	MO		MP506		06
MP504	G	P	MO		MP500		06
MP505	G	P	MO		MP501		06
MP506	C	C	P				06
MP525	G	C	P				06
MP939	G	C	P				06
MP1612	G	P	MO	AU105	AU103	MP1612A	06
MP1612A	G	P	MO			MP1612B	06
MP1612B	G	P	MO				06
MP1613	G	P	MO				06
MP2060	G	P	MO			MP2061	06
MP2061	G	P	MO			MP2062	06
MP2062	G	P	MO			MP2063	06
MP2063	G	P	MO				06
MPF102	J	N	MO, IL, NS, SX		2N3819	2N5486	
MPF103	J	N	IL, MO, NS		2N5457	2N5953	
MPF104	J	N	IL, MO, NS		2N5458	2N5952	
MPF105	J	N	IL, MO, NS		2N5459	2N5951	
MPF106	J	N	IL, NS, MO		2N5486	2N5952	
MPF107	J	N	IL, NS, MO		2N5486	2N5950	
MPF108	J	N	MO, SX		2N3819	2N5486	
MPF109	J	N	MO, SX		2N3819	2N5163	
MPF111	J	N	MO, IL, NS, SX		2N3819	2N5163	
MPF112	J	N	MO, IL, NS, SX		2N3819	2N5163	
MPF120	J	N	MO		3N203		
MPF121	J	N	MO		3N201		
MPF122	J	N	MO		3N203		
MPF151	J	P	MO		2N5460		
MPF152	J	P	MO		2N5461		
MPF153	J	P	MO		2N5462		
MPF154	J	P	MO		2N5463		
MPF155	J	P	MO		2N5464		
MPF156	J	P	MO		2N5465		
MPF157	M	N	MO		MFE3004		
MPF158	M	N	MO		MFE3005		
MPF159	M	N	MO		2N4351		
MPF160	M	P	MO		2N4352		
MPF161	J	P	IL, MO		2N5462	P1069E	
MPS292	S	N	MO	8C2388			
MPS370	S	N	MO	8C238			
MPS404	S	P	MO	(8C238A)			10
MPS404A	S	P	MO	(8C237A)			10
MPS853	S	N	MO	8C237A			
MPS706	S	N	MO, F, NS	8SY62A	2N5772	2N4275	13
MPS706A	S	N	MO, F	8SY62A	2N5772	2N4275	13
MPS834	S	N	MO, F, NS	8SY63	2N5772	2N4275	13
MPS918	S	N	MO, NS	(BFX89)	T1567	2N5770	01
MPS918	S	N	MO, F, NS	(8SX63)	EN918		01
MPS2369	S	N	MO, F, NS	8C38A	2N5770	2N4275	13
MPS2711	S	N	MO, F, NS	8C38A	2N2711	2N5135	01
MPS2711	S	N	MO, F, NS	8C38A	2N3691		01
MPS2712	S	N	MO, F, NS	8C38A	2N2712	2N5135	01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
MPS2712	S	N	MO, F	(BSY62)	2N3692 2N2713	2N5135	01 10
MPS2713	S	N	MO, F, NS	(BSY62)	2N4275 2N2714 2N4275	2N5135	10 10 10
MPS2714	S	N	MO, F, NS	(BSY62)	2N4275	2N5135	10
MPS2715	S	N	MO, NS		MPS2711	2N5135	
MPS2716	S	N	MO, NS		MPS2712 2N3692	2N5135	
MPS2894	S	P	MO				
MPS2923	S	N	MO, F, NS	BC238A	TIS99	2N2923	07
MPS2923	S	N	MO, F, NS	BC238B	2N5135 TIS98	2N2924	07 07
MPS2924	S	N	MO, F, NS	BC238B	2N5135 TIS98	2N3565	07 07
MPS2926	S	N	MO, F, NS	BC238B	2N3691	2N3692	07
MPS2926	S	N	MO	BC238A			07
MPS2926 ^{br}	S	N	MO	BC238B			07
MPS2926 ^{gn}	S	N	MO	BC238A			07
MPS2926 ^r	S	N	MO	BC238A			07
MPS2926 ^{or}	S	N	MO	BC238A			07
MPS2926 ^{ye}	S	N	MO	BC238B			07
MPS3392	S	N	MO, F, NS	BC238B	2N3392	SE6002	01
MPS3392	S	N	MO, F, NS	BC238B	EN4124 2N3393	SE6002	01 01
MPS3393	S	N	MO, F, NS	BC238B	SE1001 2N4123	EN4123	01 01
MPS3394	S	N	MO, F, NS	BC238A			
MPS3395	S	N	MO, F, NS	BC238C	2N3395	SE6002	01
MPS3396	S	N	MO, NS				
MPS3397	S	N	MO, NS		MPS3396		
MPS3398	S	N	MO, NS				
MPS3563	S	N	F, MO, NS	(BFX89)	TIS62	2N3563	02
MPS3638	S	P	MO, F, NS	BC328-16	2N5354	2N3638	11
MPS3638	S	P	MO, F, NS	BC328-16	2N5356	2N5448	11
MPS3638A	S	P	MO, F, NS	BC328-16	2N5355	2N3638A	11
MPS3638A	S	P	F		2N5447 2N3638		11 11
MPS3638-5	S	P	F		2N3638A		11
MPS3639	S	P	MO		2N3639		10
MPS3640	S	P	MO		2N3640		10
MPS3646	S	N	MO, F, NS	(BSY63)	2N3646		13
MPS3646-18	S	N	F		2N3646		13
MPS3693	S	N	MO, F, NS	(BC414A)	2N3826	2N3963	02
MPS3693	S	N	MO, F, NS	(BC414)	EN3903 2N3827	2N3693 2N3964	02 02
MPS3694	S	N	MO, F, NS	(BC414)	EN3904	2N3694	02
MPS3694	S	N	MO, F, NS	BC307B	2N3638A		02
MPS3702	S	P	MO, F, NS	BC307B			02
MPS3703	S	P	MO, F, NS	BC307A	2N3638		02
MPS3704	S	N	MO, F, NS	BC337-16	2N3704	2N3566	02
MPS3705	S	N	MO, F, NS		2N3705	2N3566	02
MPS3706	S	N	MO, F, NS		SE6001		02
MPS3706	S	N	MO, F, NS	BC337-25	2N3706	2N3566	02
MPS3707	S	N	MO, F, NS	BC4138	2N3707	SE4010	01
MPS3707	S	N	MO, F, NS		EN4124		01
MPS3708	S	N	MO, F, NS	BC237B	2N3708	EN4123	01
MPS3708	S	N	MO, F, NS		EN4124		01
MPS3709	S	N	MO, F, NS	BC237A	2N3709	EN4123	01
MPS3710	S	N	MO, F, NS	BC237A	2N3710	EN4124	01
MPS3711	S	N	MO, F, NS	BC237B	2N3711	EN3904	01
MPS3711	S	N	MO, F		2N3565		01
MPS3721	S	N	MO, F	BC238B	2N3721	2N5135	07
MPS3721	S	N	MO, F		2N3692		07
MPS3725	S	N	MO	(BSX49)			
MPS4354	S	P	MO, F	(BSV16-6)			09
MPS4355	S	P	MO, F	(BSV16-16)			09
MPS4356	S	P	MO, F	(BSV17-6)			09
MPS5172	S	N	MO, F	BC238B	2N2134		02
MPS5551M	S	N	F				
MPS6506	S	N	MO		TIS86	2N4996	
MPS6507	S	N	MO		TIS86	2N4996	01
MPS6507	S	N	MO		2N5770	SE3002	01
MPS6508	S	N	MO		TIS86	2N4996	
MPS6509	S	N	MO		TIS84		
MPS6510	S	N	MO		TIS84		
MPS6511	S	N	MO, F		TIS87	SE3005	02
MPS6511	S	N	MO, F, NS		FPS6511		02
MPS6512	S	N	MO, F, NS		TIS99	2N4123	02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
MP86512	S	N	MO, F, NS		2N4124	FP86512	02
MP86513	S	N	MO, F, NS	BC237A	T1S99	EN4124	02
MP86513	S	N	MO, F, NS	BC237B	FP86513		02
MP86514	S	N	MO, F, NS	BC237B	T1S98	FP86514	02
MP86515	S	N	MO, F, NS	BC207	BC207	FP86515	02
MP86516	S	P	MO, F, NS	BC209			02
MP86516	S	P	MO, F, NS	BC307A	2N5447	EN3906	02
MP86516	S	P	MO, F, NS	BC307A	FP86518		02
MP86517	S	P	MO, F, NS	BC307A	FP86517	2N5447	02
MP86517	S	P	MO, F, NS	BC307A	EN3906		02
MP86518	S	P	MO, F, NS	BC307B	2N5447	EN3906	02
MP86518	S	P	MO, F, NS	BC307A	FP86518		02
MP86519	S	P	MO, F	BC308B	2N5447	EN4126	02
MP86519	S	P	MO, F, NS	BC308B	FP86519		02
MP86519	S	P	MO, F, NS	BC308B	T1S98		02
MP86520	S	N	MO, F, NS	BC413B		SE4020	02
MP86520	S	N	MO, F, NS	BC413C	FP86520		02
MP86521	S	N	MO, F, NS	BC413C	T1S97	SE4020	02
MP86521	S	N	MO, F, NS	BC415B	FP86521		02
MP86522	S	P	MO, F, NS	BC415B	2N5447	EN4126	02
MP86522	S	P	MO, F, NS	BC415B	FP86522		02
MP86523	S	P	MO, F	BC416C	2N5447	EN4126	02
MP86523	S	P	MO, F	BC416C	FP86523		02
MP86528	S	N	MO		T1S84		
MP86529	S	N	MO		T1S108		
MP86530	S	N	MO, F, NS	BC337-1B	T1S92	2N4944	02
MP86530	S	N	MO, F, NS	BC337-1B	FP86530		02
MP86531	S	N	MO, F, NS	BC337-1B	T1S92	2N4946	02
MP86531	S	N	MO, F, NS	BC337-1B	FP86531		02
MP86532	S	N	MO, F, NS	BC337-1B	T1S92	2N3566	02
MP86532	S	N	MO, F, NS	BC337-1B	FP86532		02
MP86533	S	P	MO, NS	BC327-1B	BC1771V	T1S93	MP86533M
MP86533	S	P	MO, NS	BC327-1B	BC1771V	2N3644	02
MP86533M	S	P	F, MO, NS	BC327-1B	BC1771V	FP86533M	02
MP86534	S	P	MO, NS	BC327-1B	BC177A	T1S93	MP86534M
MP86534	S	P	MO, NS	BC327-1B	BC177A	2N3644	02
MP86534M	S	P	F, MO	BC327-1B	BC1771V	FP86534M	02
MP86535	S	P	MO, NS	BC327-1B	BC1771V	T1S93	MP86535M
MP86535M	S	P	F, MO	BC327-1B	BC1771V	FP86535M	02
MP86539	S	N	MO	(8F199)	PE4030B	SE5032	02
MP86539	S	N	MO	(8F199)	2N3890	FP86539	02
MP86540	S	N	MO	(8F198)	PE5030B	SE5030B	02
MP86540	S	N	MO	(8F198)	FP86540		02
MP86541	S	N	MO		T1S88	2N4998	
MP86542	S	N	MO		T1S82	PE5030B	02
MP86542	S	N	MO		SE5030B		02
MP86543	S	N	MO		T1S86	PE5030B	02
MP86543	S	N	MO		SE5030B	FP86543	02
MP86544	S	N	MO		T1S87	PE5030B	02
MP86544	S	N	MO		SE5030B	FP86544	02
MP86545	S	N	MO		T1S87	PE5030B	02
MP86545	S	N	MO		SE5030B		02
MP86546	S	N	MO	(8F199)	T1S86	PE5030B	01
MP86546	S	N	MO	(8F199)	SE5030B	FP86546	01
MP86547	S	N	MO	(8F199)	T1S86	PE5030B	01
MP86547	S	N	MO	(8F199)	SE5030B	FP86547	01
MP86548	S	N	MO		PE5030B	SE5030B	01
MP86548	S	N	MO		FP86548		01
MP86552	S	N	MO		T1S98		
MP86553	S	N	MO		T1S97		
MP86554	S	N	MO		T1S97		
MP86556	S	N	MO		T1S97		
MP86560	S	N	MO, F	BC338-1B	T1S92	SE6560	02
MP86560	S	N	MO, F	BC338-1B	FP86560		02
MP86561	S	N	MO, F		T1S92	SE6561	02
MP86561	S	N	MO, F		FP86561		02
MP86562	S	P	MO, F		T1S93	SE6562	02
MP86562	S	P	MO, F		FP86562		02
MP86563	S	P	MO, F	BC328-1B	T1S93	SE6563	02
MP86563	S	P	MO, F	BC328-1B	FP86563		02
MP86564	S	N	MO		2N4994		
MP86565	S	N	MO, F, NS	BC237A	T1S99	EN3909	02
MP86565	S	N	MO, F, NS	BC237A	FP86565		02
MP86566	S	N	MO, F, NS	BC237B	T1S98	EN3904	02
MP86566	S	N	MO, F, NS	BC237B	FP86566		02
MP86567	S	N	MO	(8F241)	T1S86	PE5030B	02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
MPS6567					SE50308		02
MPS6568	S	N	MO	(BF198)	FPS6568	FPS6567	02
MPS6568A	S	N	MO	(BF198)			02
MPS6569	S	N	MO	(BF198)	FPS6569		02
MPS6570	S	N	MO	(BF198)	FPS6570		02
MPS6571	S	N	F, MO, NS	BC413C	SE4020	FPS6571	02
MPS6579	S	P	MO		TIS37		
MPS6590	S	N	MO		MPSA06		01
MPS6591	S	N	MO		MPSA05		01
MPS6600/1	S	N	MO	BF495			
MPS6600/2	S	N	MO	BF495			
MPS6600/3	S	N	MO	BF495			
MPS6600/4	S	N	MO	BC5498			
MPS6603	S	N	MO	BF494			
MPS6606	S	N	MO	BC548			
MPS6607	S	N	MO	BC548			
MPS6608	S	N	MO	BC548A			
MPS6610	S	N	MO	BC5498			
MPS6616	S	N	MO	BC338			
MPS6636	S	N	MO	BC5488			
MPS6644	S	N	MO	BC548A			
MPS6656	S	P	MO	BC558			
MPS6657	S	P	MO	BC558			
MPS6658	S	P	MO	BC558			
MPS6666	S	P	MO	BC328			
MPS6696	S	N	MO	BC548			
MPS-A05	S	N	F, MO	(BSX46-10)	2N3404	2N5856	
MPS-A05					2N3416	2N8010	
MPS-A06	S	N	F, MO	(BSX47-10)	2N3405	2N5856	
MPS-A06					2N3417	2N8012	
MPS-A09	S	N	F, MO	BC4148	2N5209	SE4020	
MPS-A10	S	N	MO, F		MPSA20	2N3903	
MPS-A10					2N3693		
MPS-A12	S	N	MO, F		FPSA12		
MPS-A13	S	N	MO, F		FPSA13		
MPS-A14	S	N	MO, F		FPSA14		
MPS-A16	S	N	MO	BC2378			
MPS-A17	S	N	MO	BC2378			
MPS-A18	S	N	MO	(BC414C)			
MPS-A20	S	N	F, MO	BC2378	2N3903		
MPS-A42	S	N	F, MO	(BF459)			
MPS-A43	S	N	F, MO	(BF458)			
MPS-A55	S	P	F, MO	(BSV16-10)	2N6011	2N5857	
MPS-A55					2N6015	2N6017	
MPS-A56	S	P	MO, F	(BSV17-10)	2N6857	2N6445	
MPS-A65	S	P	MO, F		FPSA85		
MPS-A66	S	P	MO, F		MPSA85	FPSA86	
MPS-A70	S	P	F, MO	8C307A	2N3905		
MPS-H02	S	N	MO				
MPS-H10	S	N	MO, NS		2N6770	SE3003	
MPS-H10							
MPS-H11	S	N	MO, NS		SE3005	SE3003	
MPS-H11					2N5770		
MPS-H32	S	N	MO, NS		SE3005		
MPS-H37	S	N	MO, NS		PE5010	SE5066	
MPS-L01	S	N	F, MO, NS	(BF457)	2N5631	SE50308	
MPS-L07	S	P	MO, F		2N6771		
MPS-L08	S	P	MO, F		2N5771		
MPS-L51	S	P	MO, F, NS		2N4889		
MPS-U01	S	N	MO	(BO135-10)			
MPS-U01A	S	N	MO	(BO135-10)			
MPS-U02	S	N	MO	(BO137-10)			
MPS-U05	S	N	MO	(BO137-10)	BD137		
MPS-U06	S	N	MO	(BO139-10)	BD139		
MPS-U07	S	N	MO	(BO139-10)			
MPS-U51	S	P	MO	(BD136-10)			
MPS-U51A	S	P	MO	(BD136-10)			
MPS-U52	S	P	MO	(BD138-10)			
MPS-U55	S	P	MO	(BD138-10)	2N6125		
MPS-U56	S	P	MO	(BD140-10)	2N6126		
MPS-U57	S	P	MO	(BO140-10)	2N6126		
MRO100	P	N	MO		TIL78*		22
MRO150	P	N	MO		TIL78*		22
MRO300	P	N	MO		TIL81*		22
MRO310	P	N	MO		TIL81*		22

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
MRD450	P	N	MO		TIL78*		22
MRD600	P	N	MO		TIL601*		
MRD810	P	N	MO		TIL81*		22
MRD3050	P	N	MO		TIL81*		22
MRD3051	P	N	MO		TIL81*		22
MRD3052	P	N	MO		TIL81*		22
MRD3053	P	N	MO		TIL81*		22
MRD3054	P	N	MO		TIL81*		22
MRD3055	P	N	MO		TIL81*		22*
MRD3056	P	N	MO		TIL81*		22*
MT1	P				TIL81*		
MT2	P				TIL81*		
MT1038	S	N	F	(BFR15)			
MT1038A	S	N	F	(BFR15)			
MT1039	S	N	F	(BFR15)			
MT1060	S	N	F	(BFR15)			
MT1060A	S	N	F	(BFR15)			
MT1061	S	N	F	(BFR15)			
MT1061A	S	N	F	(BFR15)			
MT1062	S	N	F	(BFW92)			
MT3833	S	N	F	(BFW92)			
MT3834	S	N	F	(BFW92)			
MTC70	G	P		AC128	2N2431		
MTC71	G	P		AC126	2N2429		
MTC72	G	P		AC128	2N2431		
MTC78	G	P		AC128	2N2431		
NF500	J	N	IL, NS		MPF102	2N3823	
NF500	J	N	IL, NS		2N4224		
NF501	J	N	IL, NS		MPF102	2N3823	
NF501	J	N	IL, NS		2N4224		
NF506	J	N	IL, NS		MPF102	2N4418	
NF506	J	N	IL, NS		2N3823		
NF510	J	N	IL, NS		2N4093	2N4861	
NF510	J	N	IL, NS		2N3970		
NF511	J	N	IL, NS		2N4093	2N4861	
NF511	J	N	IL, NS		2N3970		
NF520	J	N	IL, NS		2N5639	2N3822	
NF520	J	N	IL, NS		2N4224		
NF521	J	N	IL, NS		2N3970	2N3821	
NF521	J	N	IL, NS		2N4220		
NF522	J	N	IL, NS		2N5640	2N3822	
NF522	J	N	IL, NS		2N4224		
NF523	J	N	IL, NS		2N3971	2N3821	
NF523	J	N	IL, NS		2N4220		
NF530	J	N	IL, NS		2N5638	2N3459	
NF530	J	N	IL, NS		2N3069		
NF531	J	N	IL, NS		2N5639	2N3460	
NF531	J	N	IL, NS		2N3070		
NF532	J	N	IL, NS		2N5640	2N3459	
NF532	J	N	IL, NS		2N3069		
NF533	J	N	IL, NS		2N5640	2N3460	
NF533	J	N	IL, NS		2N3070		
NF550	J	N	NS		2N3958		
NF580	J	N			MFE2012	SFC1783	
NF580	J	N			2N4445		
NF581	J	N			MFE2012	SFC1783	
NF581	J	N			2N4447		
NF582	J	N			MFE2012	SFC1785	
NF582	J	N			2N5434		
NF583	J	N			MFE2011	SFC1785	
NF583	J	N					
NF583	J	N			2N5434		
NF584	J	N			MFE2012	SFC1785	
NF584	J	N			2N4446		
NF585	J	N			MFE2011	SFC1785	
NF585	J	N			2N5433		
NF585	J	N					
NF3819	J	N			FE3819		
NF4302	J	N	NS		2N5458	2N3459	
NF4302	J	N	NS		2N4302		
NF4303	J	N	NS		2N5458	2N3458	
NF4303	J	N	NS		2N4303		
NF4304	J	N	NS		2N5458	2N3458	
NF4304	J	N	NS		2N4304		
NF4445	J	N			MFE2012	SFC1783	
NF4445	J	N			2N4445		
NF4446	J	N			SFC1785	2N4446	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
NF4447	J	N			SFC1783	2N4447	
NF4448	J	N			SFC1785	2N4448	
NF5163	J	N			2N5163		
NF5457	J	N			2N3459	2N5457	
NF5458	J	N			2N3459	2N5458	
NF5459	J	N			2N4458	2N5459	
NF5485	J	N			2N4418	2N5485	
NF5486	J	N			2N4418	2N5486	
NF5555	J	N			2N5555		
NF5638	J	N			2N4391	2N5638	
NF5639	J	N			2N4393	2N5639	
NF5640	J	N			2N4393	2N5640	
NF5653	J	N			2N4866	2N5653	
NF5654	J	N			2N4857	2N5654	
NKT52	G	P		NKT72			
NKT53	G	P		NKT73			
NKT54	G	P		NKT73			
NKT62	G	P		NKT72			
NKT63	G	P		NKT73			
NKT64	G	P		NKT73			
NKT74	G	P		NKT73			
NKT122	G	P		2GT102			
NKT123	G	P		2GT102			
NKT124	G	P	NT		2N1309		
NKT125	G	P	NT	2GT102	2N1306		
NKT126	G	P	NT	2GT102			
NKT127	G	P			2N1309		
NKT128	G	P		2GT102	2N1306		
NKT129	G	P		2GT102			
NKT132	G	P		AF185			
NKT133	G	P		AF185			
NKT142	G	P		2GT102			
NKT143	G	P		2GT102			
NKT152	G	P		NKT162			
NKT152C	G	P		NKT162			
NKT153	G	P		NKT163			
NKT153A	G	P		NKT163			
NKT153B	G	P		NKT163			
NKT153/25	G	P		NKT163			
NKT153/25B	G	P		NKT163			
NKT153/25C	G	P		NKT163			
NKT154	G	P		NKT164			
NKT154A	G	P		NKT164			
NKT154B	G	P		NKT164			
NKT154R	G	P		NKT164			
NKT154/25	G	P		NKT164			
NKT154/25B	G	P		NKT164			
NKT154/25C	G	P		NKT164			
NKT162	G	P		2GT102			
NKT163/25	G	P		NKT163			
NKT163/25B	G	P		NKT163			
NKT164/25	G	P		NKT164			
NKT164/25B	G	P		NKT164			
NKT172	G	P		NKT162			
NKT173	G	P		NKT163	2G371		
NKT174	G	P		NKT164			
NKT182	G	P		NKT162			
NKT183	G	P		NKT163			
NKT184	G	P		NKT164			
NKT202	G	P		AC126	2N2429		
NKT203	G	P		AC126	2N2429		
NKT204	G	P		AC126	2N2429		
NKT205	G	P		AC126	2N2429		
NKT206	G	P		AC126	2N2429		
NKT208	G	P		AC126	2N2431		
NKT212	G	P	NT	2G303			
NKT213	G	P	NT	2G347			
NKT214	G	P	NT	2G371			
NKT215	G	P	NT	2G371			
NKT216	G	P	NT	2G374			
NKT217	G	P	NT	2G377			
NKT222	G	P		2G182			
NKT223	G	P	NT	AC156			

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
NKT250	G	C	P	NKT274					
NKT251	G	C	P	AC128	NKT271	2N2431			
NKT251A	G	C	P	NKT271		2N2429			
NKT252	G	C	P	AC126	NKT274				
NKT252A	G	C	P	NKT274					
NKT253	G	C	P	NKT271					
NKT254	G	C	P	NKT274					
NKT254A	G	C	P	NKT274					
NKT255	G	C	P	NKT275					
NKT255A	G	C	P	NKT275					
NKT255E	G	C	P	NKT275					
NKT255J	G	C	P	NKT275					
NKT256	G	C	P	NKT274					
NKT260	G	C	P	NKT274					
NKT261	G	C	P NT	NKT271					
NKT261A	G	C	P	NKT271					
NKT262	G	C	P NT	NKT274					
NKT262A	G	C	P	NKT274					
NKT263	G	C	P	NKT271					
NKT264	G	C	P NT	NKT274					
NKT265	G	C	P NT	NKT275					
NKT265A	G	C	P	NKT275					
NKT265E	G	C	P	NKT275					
NKT265J	G	C	P	NKT275					
NKT268	G	C	P	NKT274					
NKT270	G	C	P NT	NKT274					
NKT271	G	C	P NT	AC164	2G302				
NKT271A	G	C	P	NKT271					
NKT272	G	C	P NT	AC113	NKT274				
NKT272A	G	C	P	NKT274					
NKT273	G	C	P	NKT271					
NKT277	G	C	P	NKT271					
NKT278	G	C	P	NKT274					
NKT403	G	C	P NT	AD14C					
NKT450	G	C	P	NKT452					
NKT453	G	C	P NT	NKT452					
NKT713	G	C	N NT	AC157					
NKT751	G	C	N	NKT773					
NKT80111	J	N	N NT			2N5457			
NKT80112	J	N	N NT			2N5457			
NKT80113	J	N	N NT			2N5457			
NKT80114	J	N	N NT			2N5459			
NKT80211	J	N	N NT			2N5459			
NKT80212	J	N	N NT			2N5499			
NKT80213	J	N	N NT			2N5459			
NKT80215	J	N	N NT			2N5458			
NKT80216	J	N	N NT			2N5458			
NPC108	J	N	N NU			2N5485			
NPC108A	J	N	N NU			2N5485			
NPC211N	J	N	N NU			2N5457			
NPC212N	J	N	N NU			2N5457			
NPC213N	J	N	N NU			2N5458			
NPC214N	J	N	N NU			2N5457			
NPC215N	J	N	N NU			2N5457			
NPC216N	J	N	N NU			2N5458			
NSL610	P	N				TIL81'			
OC13	G	C	P	AC126	AC125	2N2429			
OC13	G	C	P	OC71					
OC14	G	C	P	OC4	OC74				
OC16	G	C	P	AD148	AD130III	2N2836	2N2063	25883	
OC16	G	C	P	AD162	OC26	T13029	2N1314		
OC22	G	C	P MU, PH, V	AUY19V	AD149	2N157A	2N301A	258338	
OC22	G	C	P MU, PH, V	AD148IV	OD603	SFT213		25842	
OC23	G	C	P MU, PH, V	AUY19V	AD149	2N157A		258338	
OC23	G	C	P MU, PH, V	AD148	OD603				
OC23	G	C	P MU, PH, V	GFT4012					
OC24	G	C	P MU, PH, V	AUY19V	AD148V	2N157A		258338	
OC24	G	C	P MN, MU	AD148	CTO1111				
OC25	G	C	P MN, MU	AD148		2N2836			
OC26	G	C	P PE, PH, V	AD149	AD150IV	2N2836	T1156	25883	
OC26	G	C	P	AD150	AD153	2N456	2N1314		
OC27	G	C	P	AD148	V30/30P	2N053	2N1315		
OC28	G	C	P MN, MU, PE	AUY22II	AUY22III	2N174	2N456	258341	
OC28	G	C	P	AUY28	ASZ15			258424	
OC28	G	C	P	AD148					

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
OC29	G	P	MN, MU, PE, V	AUY21111	AD138/50	2N174	2N457	258341	
OC29				AS216	AD150			258426	
OC29				AUY31					
OC30	G	P	MU, PH, V	AD148V	AD139	2N141		25886	
OC30				AD149	AD155				
OC30				AD152	AD162				
OC30				AD148					
OC30A	G	P	V	AD148	AD152				
OC30A				AD148IV	AD148V				
OC30	G	P	V						
OC32	G	P		OC57	OC58				
OC32				OC65					
OC33	G	P		AC125	AC126	2N2429			
OC33				OC65					
OC34	G	P		AC126	AC125	2N2429			
OC34				OC86					
OC35	G	P	MN, MU, PE, V	AUY21111	AD138/50	2N352		258338	
OC35				AS217	AUY31			258425	
OC35				SFT214					
OC36	G	P	MN, MU, PE, V	AUY2211	AUY28	2N174	2N157A	258341	
OC36				AS718	AD132			258424	
OC37	G	P		ASY76	OC76				
OC38	G	P		AC126	AC128	2N2429			
OC38				AC132					
OC41	G	P	MU	(AC121IV)	ASY26				
OC41				ASY27					
OC42	G	P	MU	(AC121V)	ASY26				
OC42				ASY27	AC125				
OC43	G	P	MU	(AC121V)	ASY27				
OC44	G	P	MU, PH, V, PE	(AC121V)	AF185	2N36		258101	
OC44				ASY27	AF126			25844	
OC44				AF132	AF188				
OC44				AFY15					
OC45	G	P	MU, PH, V, PE	(AC121V)	AF185	2N36	2N218	258101	
OC45				ASY27	AFY15			25845	
OC45				AF126	AF133				
OC45				AF187					
OC46	G	P	PH, V	ASY46	ASY26	2N269		25A212	
OC46				ASY27	AF133			2540	
OC46				SFT226					
OC47	G	P	PH, V	ASY47	ASY27	2N269		25A217	
OC47				AF188	SFT227			2540	
OC50	G	P	PH	(AC151V)					
OC53	G	P	AM	(AF139)					
OC54	G	P	AM	(AF239)					
OC55	G	P	AM	(AF239)					
OC56	G	P	AM	(AC151V)					
OC57	G	P	PH, V	(AC151V)	OC58	2N1190	2N106	25847	
OC57				AC151	AC122ye			258168	
OC57				AC125	AC129r				
OC57				OC330					
OC58	G	P	PH, V	(AC151V)	AC122v	2N106		258168	
OC58				AC129	OC341				
OC58				OC624ye	AC151				
OC59	G	P	PH, V	(AC151V)	AC151	2N106		258168	
OC59				AC122b	AC129				
OC59				AF129b	OC342				
OC60	G	P	PH, V	AC151	AC151V	2N108		258169	
OC60				AC122ye	AC125				
OC60				AC129	AF129b				
OC60				OC342					
OC65	G	P		OC57	AC125			ST301	
OC65				OC330	OC822				
OC66	G	P		AC126	OC58	2N2429		ST302	
OC66				OC340	OC824				
OC70	G	P	MU, PH, V	AC126	AC151V	2N2429	2N279	25875	
OC70				AC122	AC125				
OC70				AC163					
OC71	G	P	MU, PH, V, PE	AC126	AC151V	2N2429	2N280	25877	
OC71				AC151V	AC122				
OC71				AC163	OC3041				
OC71N	G	P	NT	AC126					
OC77	G	P	MU, PH, V, PE	AC151V	AC151V	2N2431	2N282	25889	
OC72				AC128	AC151V				
OC72				AC151V	AC153				

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
OC72				AC131	AC132				
OC73	G	P		AC151IV	AC126				
OC73				GFT34	OC75				
OC74	G	P	PH, V, PE	AC128	AC151V	2N2431	2N1501	2SB186	
OC74				AC117	AC124				
OC74				OC118	AC153				
OC74N	G	P	MN, NT	AC121V	AC121VI				
OC75	G	P	PH, MU, V	AC126	AC151VI	2N2429	2N466	2SB86	
OC75				AC151V	AC116				
OC75				AC131	OC304III				
OC75N	G	P	NT	AC151VI					
OC76	G	P	MU, PH, V, PE	AC151IV	ASY48IV	2N264	2N395	2SB86	
OC76				AC131	ASY76				
OC76				AC126	AC152				
OC77	G	P	MU, PH, V, PE	ASY48IV	ASY77	2N24A	2N264A	2SB86	
OC77				AC126	ACY24				
OC77				ASY81					
OC77N	G	P	NT	ASY8IV					
OC78	G	P	PH, V, PE	AC126	AC152V	2N2431	2N223	2SB186	
OC79				AC126	AC124				
OC79				AC135	AC151V				
OC80	G	P	PH, V, PE	AC152VI	AC121VI				
OC80				AC126	AC124				
OC80				AC126					
OC80A	G	P		AC152VI	AC152VII				
OC81	G	P		AC153	AC117R				
OC81				AC126					
OC82	G	P		AC126					
OC83	G	P	PH, MU	AC152V	AC131				
OC83				AC126	AC124K				
OC84	G	P	PH, MU	AC153V	AC126	2N4106	2N467	2SB222	
OC84				AC131	AC124K				
OC110	G	P		AC126	AC125	2N2429			
OC120	G	P		AC126	AC125	2N2429			
OC122	G	P	PH, V, PE	AC153V	ASY80	2N4106	2N467	2SB222	
OC122				AC180	AC124K				
OC122				AC152V					
OC123	G	P	PH, V, PE	ASY48V	ASY24	2N241			
OC123				ASY77	ASY81				
OC123				ASY48					
OC130	G	P		AC126	AC125	2N2429			
OC138	G	N	MU, PH, V, PE, RA	AC127	ASY72	2N1090		2SC89	
OC138				AF180	AF188				
OC138				SFT259					
OC140	G	N	MU, PH, V, PE, RA	AC127	ASY29	2N1080	2N1306	2SC90	
OC140				ASY74	SFT260				
OC141	G	N	MU, PH, V, PE, RA	AC127	ASY75	2N1090	2N1308	2SC91	
OC141				SFT281					
OC169	G	P	V	AF126	AF127				
OC189				AF185	AF137				
OC170	G	P	MU	AF126	AF136	2N370	2N1110		
OC170				AF185	AF124				
OC170				AF126	AF133				
OC171	G	P	MU	AF126	AF125	2N2495			
OC171				AF134	AF136				
OC171				AF178					
OC171M	G	P		AF124	AF125	2N299			
OC171M				AF134	AF131				
OC171M				AF135					
OC171V	G	P		AF124	AF134	2N346	2N384	2SA235	
OC171V				AF114	AF130				
OC171V				AF135					
OC200	S	P	MU, PH, PE	(BC178A)	BC177V	MPS8517	2N328	2SA565	
OC200				BC308VI	BC261				
OC200				BC212	BC204				
OC200				BC210					
OC201	S	P	MU, PH, PE	(BC178A)	BC177V	MPS8517		2SA565	
OC201				BC308VI	BC261				
OC201				BC212	BC205				
OC201				BC162					
OC202	S	P	MU, PH, PE	(BC178A)	BS211				
OC203	S	P	MU, PH, PE	(BCY77VII)	BC212				
OC204	S	P	MU, PH, PE	(BCY79VII)	BSY10				
OC205	S	P	MU, PH, PE	(BCY77VII)	BCY11				

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
OC205				BCY12			
OC206	S	P	MU, PM, PE	(BCY79VII)	BCY12		
OC207	S	P	MU, PM	(BCY79VII)			
OC300	G	P		AC126	AC153		
OC302	G	P		AC126	AC126	2N2429	
OC302				AC153			
OC300	G	P	IN	AC151V	AC126	2N266	25875
OC303				AC122	AC163		
OC303				AC132			
OC304	G	P	IN	AC151	AC132		258219
OC304				OC72	OC804		
OC304/1	G	P	IN	AC151V	AC122	2N220	25877
OC304/1				AC126	AC132		2539
OC304/2	G	P	IN	AC151V	AC126	2N238	25877A
OC304/2				AC123	AC163		258101
OC304/3	G	P	IN	AC151V	AC151VI	2N266	25877B
OC304/3				AC126	AC128		258219
OC306	G	P	IN	AC183			
OC306				AC151	GFT22/15		
OC305				SFT383BA			
OC305N	G	P		AC126			
OC305/1	G	P	IN	AC151VII	AC126		25877
OC306/1				AC122	AC128		
OC306/1				AC151VI			
OC306/2	G	P	IN	AC151VII	AC125R		25877A
OC305/2				AC126			
OC306	G	P	IN	AC151r	AC126		
OC306				AC150	AC151		
OC306/1	G	P	IN	AC151rIV	AC150	2N191	25873
OC306/1				AC126R	AC162		
OC306/2	G	P	IN	AC151rV	AC151rVI	2N191	25873A
OC306/2				AC125R	AC151		258220
OC306/2				AC162			
OC306/3	G	P		AC151rV	AC151VI	2N191	25873B
OC306/3				AC126R	AC128		258220
OC306/3				AC150			
OC307	G	P	IN	AC152	ASY76	2N44	25837
OC307				AC131	AC151IV		
OC307/1	G	P	IN	AC152IV	ASY76		
OC307/1				AC132			
OC307/2	G	P	IN	AC152V	ASY80		
OC307/2				AC132	SFT323		
OC307/3	G	P	IN	AC151V	AC131	2N280	258156A
OC307/3				ASY76	AC132		25833
OC308				AC152	AC153		
OC308	G	P	IN	ASY48	ASY48IV		
OC309				ASY24	ASY77		
OC309				AS210			
OC309/1	G	P	IN	ASY48IV	ASY77	2N1924	
OC309/1				AC128	ACY24K		
OC309/2	G	P	IN	ASY48IV	ASY77	2N1925	
OC309/2				AC128	ACY24K		
OC309/3	G	P	IN	ASY48V	ASY80	2N1926	
OC309/3				AC128			
OC318	G	P		AC128	AC121IV	2N2431	258226
OC318				AC121V	AC120		
OC320	G	P	NU	(AC151)	OC58		
OC320				OC57	OC66		
OC330	G	P	NU	(AC151IV)	OC58		
OC330				OC85	OC872		
OC330	G	P	IN	(AC151IV)	OC58		
OC330				OC85	OC872		
OC331	G	P	IN	(AC151IV)	OC58		
OC331				AC129	OC57		
OC340	G	P	IN	(AC151V)	OC58		
OC340				OC57	OC824		
OC341	G	P	IN	(AC151V)	OC57		
OC341				OC58	AC129ve		
OC342	G	P	IN	(AC151VII)	OC58		
OC342				OC59	OC624ve		
OC343	G	P	IN	(AC151VII)	OC59		
OC343				OC60	AC129b		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
OC350	G	P	IN	(AC151V11)	OC59		
OC350				OC60	AC126		
OC350				OC75			
OC351	G	P	IN	(AC151V11)	OC59		
OC351				OC60			
OC360	G	P	IN	(AC151V1)	OC58		
OC360				OC65	OC623		
OC361	G	P	IN	(AC151V1)	OC58		
OC362	G	P	IN	(AC151V1)	OC58		
OC362				OC59			
OC363	G	P	IN	(AC151V1)	OC58		
OC363				OC60			
OC364	G	P	IN	(AC151V1)	AC150		
OC364				AC162			
OC390	G	P	IN	(AC151V1)	AF185	2N409	2SA31
OC390				AF116	AF127		
OC400	G	P	IN	(AC158V1)	AF185	2N139	
OC400				AF127	ASY32		
OC410	G	P	IN	(AC158V11)	AF185	2N411	2SA35
OC410				AF126	ASY27		
OC430	S	P	IN	(BC178A1)	BC178V		
OC430				85Y40	BC218		
OC430				BCY33	BCY34		
OC430				BC211			
OC430K	S	P	IN	(BC178A1)	BC178V1		
OC430K				BC211			
OC440	S	P	IN	(BC178A1)	BCY33	MP56518	2SA565
OC440				BC177	BC262		
OC440				BC213	BC205		
OC440				BCY34			
OC440K	S	P	IN	(BC177A1)	BC177V1		
OC443	S	P	IN	(BC178A1)	BC178V1	MP56518	2SA565
OC443				BC262	BC213		
OC443				BC205	BCY29		
OC443				BCY33			
OC443K	S	P	IN	(BC177A1)	BC177V1		
OC443K				BCY27	BCY29		
OC443K				BC210			
OC445	S	P	IN	(BC177A1)	BC177V1	MP56518	2SA565
OC445				BC262	BC213		
OC445				BC205	BCY19		
OC445				BCY30			
OC445K	S	P	IN	(BC177A1)	BC177V1		
OC445K				BCY19	BCZ12		
OC449	S	P	IN	(BC177A1)	BC177V1	MP56518	2SA565
OC449				BC262	BCZ13		
OC449				BCY29	BCZ12		
OC449				BC205			
OC449K	S	P	IN	(BC178A1)	BC178V1		
OC449K				BCZ12	BCY29		
OC450	S	P	IN	(BCY77V11)	85V68	MP56518	2SA565
OC450				BC262	BCZ13		
OC450				BC205	BCZ12		
OC450K	S	P	IN	(BCY77V11)	BCZ12		
OC460	S	P	IN	(BC178A1)	BC178V1		
OC460				BC262	BCZ13		
OC460				BC205	BCY28		
OC460				BCY34			
OC460K	S	P	IN	(BC178A1)	BC178V1	MP56518	2SA565
OC460K				BCY28	BCZ11		
OC463	S	P	IN	(BC178A1)	BC178V1	MP56518	2SA565
OC463				BC262	BCZ13		
OC463				BC205	BCZ11		
OC463K			IN	(BC178A1)	BC178V1		
OC463K				BCY28	BCZ11		
OC465	S	P	IN	(BC178A1)	BC178V1	MP56518	2SA565
OC465				BC262	BCZ13		
OC465				BCZ11			
OC465K			IN	(BC178A1)	BC178V1		
OC465K				BCY28	BCZ11		
OC466	S	P	IN	(BC178A1)	BC178V1	MP56518	2SA565
OC466				BC262	BCZ13		
OC466				BC205	BCY28		
OC466				BCZ11			
OC466K	S	P	IN	(BC178A1)	BC178V1		

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
OC466K				BCY28	BCZ11				
OC467	S	P	IN	(BC178A)	(BC178VI)	MP86518		2SA565	
OC467				BC262	BC213				
OC467				BC206	BCY28				
OC467K	S	P	IN	(BC178A)	BC178VI				
OC467K				BCY28	BCZ11				
OC468	S	P	IN	(BC178A)	(BC178VI)	MP86518		2SA565	
OC468				BC262	BC213				
OC468				BC206	BCY18				
OC468K	S	P	IN	(BC178A)	BC178VI				
OC488K				BCY18	BCZ11				
OC489	S	P	IN	(BC177A)	(BC177VI)	MP86518		2SA565	
OC489				BC262	BCZ31B				
OC489				BC206	BCY18				
OC489K	S	P	IN	(BC177A)	BCY18				
OC469K				BCZ12					
OC470	S	P	IN	(BC177A)	BC307	MP86518		2SA565	
OC470				BC178VI	BC262				
OC470				BC206	BCY17				
OC470K	S	P	IN	(BC177A)	BCY17				
OC470K				BCZ10	BCZ11				
OC480	S	P		BCY20					
OC480K	S	P		BCY20					
OC801	G	P	TF	(ASY48IV)	AC125	2N2429			
OC801				AC126	OC70				
OC802	G	P		AC122	AC126	2N238	2N2429	2SB459	
OC802				AC151V	SFT351	2N37			
OC802				AC152	AC162				
OC802S	G	P		AC151VI	AC131	2N44		2SB220	
OC802S				AC126	AC132				
OC802S				AC152	ACY76				
OC802SP	G	P		AC152VI	AC126				
OC802SP				AC131					
OC603	G	P		AC151rIV	AC126	2N238	2N207B	2SB451	
OC603				AC162		2N2429		2SB32	
OC604	G	P		AC126	AC151V	2N2429	2N238	2SB451	
OC604				AC151V	AC122	2N34		HJ16	
OC604				AC126					
OC604S	G	P		AC131	AC152	2N43		HJ150	
OC604S				AC153					
OC604SP	G	P		AC126	AC128	2N610		2SB32	
OC604SP				AC151V	AC152VI				
OC604SP				AC131					
OC610	G	P		AF126					
OC612	G	P		AF185	AF127	2N642	2N111	2SA240	
OC612				AFY15	AF137			HJ22D	
OC613	G	P		AF185	AF126	2N641	2N113	2SA240	
OC613				AFY15	AF137				
OC613				SFT316					
OC614	G	P		AF185	AF126	2N1110	2N370	2SA156	
OC614				AF136	AF136			HJ32	
OC615	G	P	TF	AF124	AF168	2N2495	2N299		
OC615				AF130	AF134				
OC615				AF178					
OC615V	G	P		AF125	AF178	2N2495	2N1110	2SA76	
OC615V				AF132	AF124				
OC615V				AF135					
OC615M	G	P		AF124	AF125	2N346		2SA76	
OC615M				AF132	OC616				
OC615M				AF134					
OC622	G	P	TF	(AC151V)	OC58				
OC622				ASZ23	OC65				
OC622				OC331					
OC623	G	P	TF	(AC151V)	OC58				
OC623				OC59	OC65				
OC623				OC341					
OC624	G	P	TF	(AC151V)	OC80				
OC624				OC58	OC66				
OC700	S	P	IN	(BC178A)					
OC700A	S	P	IN	(BC178A)					
OC700B	S	P	IN	(BC178A)					
OC701	S	P	IN	(BCY77V11)					
OC702	S	P	IN	(BC178A)					
OC702A	S	P	IN	(BC178A)					
OC702B	S	P	IN	(BC178A)					

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
OC704	S	P	IN	(BC178A)			
OC810	G	P		AC125	AC126	2N2429	
OC811	G	P		AC125	AC126	2N2429	
OC6015	G	P		AF178	AC125	2N2495	
OC6015	G	P		AF114			
DD603	G	P		AD149	AD131IV	2N2836	2N2066
OD603				AD138/50	T13029	2N68	2S886
OD603				DD30			
OD603/50	G	P		AD149	AD131	2N2836	2S84 /1
OD603/50				AD138/50	T13029		
OD603/50				OC26			
OD604	G	P		AD149	OC30	2N2836	
OD605	G	P		AD149	OC26	2N2837	2N2836
OD650	G	P		AD133	AD138		
OD650				ADZ11			
OD651	G	P		AD133	AD138		
OD651				ADZ11			
OD651A	G	P		AD133	AD138		
OD651A				ADZ11			
OP400	P					LS400	
OP420	P					LS400	
OP563	P					T1L63	
OP564	P					T1L64	
OP565	P					T1L65	
OP566	P					T1L66	
OP567	P					T1L67	
OP568	P					T1L63	
OP569	P					T1L64	
OP570	P					T1L65	
OP571	P					T1L66	
OP572	P					T1L67	
OP600	P					LS600	
OP601	P					T1L601	
OP602	P					T1L602	
OP603	P					T1L603	
OP604	P					T1L604	
OP605	P					T1L604	
OP606	P					T1L603	
OP607	P					T1L601	
OP608	P					T1L602	
OP611	P					T1L601	
OP612	P					T1L602	
OP613	P					T1L603	
OP614	P					T1L604	
OP620	P					T1L601	
OP621	P					T1L601	
OP622	P					T1L602	
OP623	P					T1L603	
OP624	P					T1L604	
OP630	P					LS600*	
OP631	P					LS600*	
OP632	P					LS600*	
OP633	P					LS600*	
OP634	P					LS600*	
OP700	P					LS600*	
OX3003	G	P		AC126		2N2429	
OX3004	G	P		AC128		2N2431	
OX4001	G	P		AF185			
P1003	J	P				2N5265	2N5266
P1004	J	P				2N5267	2N5268
P1005	J	P				2N5269	2N5270
P1027	J	P	TI			2N5266	2N3329
P1028	J	P	TI			2N5268	2N3331
P1029	J	P	TI			2N5270	2N3331
P1089E	J	P	TI			MPPF970	P1117E
P1085E	J	P	IL, NS, TI			MPPF970	2N5018
P1087E	J	P	IL, NS, TI			MPPF970	2N5019
P1117E	J	P				MPPF970	P1089E
P1118E	J	P				MPPF971	2N2609
P1119E	J	P				MPPF971	2N5033
PAD723	G	P		AF185			
PAD724	G	P		AF128		2N2495	
PAD725	G	P		AF128		2N2495	
PAD728	G	P		AF128		2N2495	
PAD730	G	P		AF128		2N2495	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
PADT31	G	P		AF17B	2N2495		
PBC107	S	N	SA, ML	BC237			
PBC108	S	N	SA, ML	BC238			
PBC109	S	N	SA, ML	BC239			
PE3100	S	N	F		PE6031		
PE4001-18	S	N	F		SE4001		
PE4002-18	S	N	F		SE4002		
PE4010-18	S	N	F		SE4010		
PE4030B	S	N	F		MPS6539	SE6032	
PE5010	S	N	F	(BF198)	MPSH32		
PE5013	S	N	F	(BF198)	2N3688		
PE5015	S	N	F	(BF198)	SE5008		
PE5025	S	N	F	(BF241)	SE5038		
PE5029	S	N	F	(BF198)	2N3688		
PE5030B	S	N	F	(BF198)	MPS6540	SE5030B	
PE5000B					MPS6542	MPS6567	
PE5001	S	N	F	(BF198)	SE5035		
PE6020	S	N	F	(BSX46-15)			
PE6020-5	S	N	F		SE6020		
PE6021	S	N	F	(BSX47-10)			
PE6021-5	S	N	F		SE6021		
PET1001	S	N			MPS3693	MPS3694	
PET1001	S	N			SE1001		
PET1002	S	N			MPS3693	MPS3694	
PET1002	S	N			SE1002		
PET1075	S	N			2N5830		
PET1075A	S	N			2N5831		
PET2001	S	N			MPS3693	MPS3694	
PET2001	S	N			SE2001		
PET2002	S	N			MPS3693	MPS3694	
PET2002	S	N			SE2002		
PET3001	S	N			2N5770	SE3001	
PET3002	S	N			2N5770	SE3002	
PET3702	S	P			MPS3638A	2N3638A	
PET3703	S	P			MPS3638	2N3638	
PET3704	S	N			2N4401	2N3566	
PET3705	S	N			2N4400	SE6001	
PET3706	S	N			2N4401	2N3566	
PET3903	S	N			2N3903	EN3903	
PET3904	S	N			2N3904	EN3904	
PET3905	S	P			2N3905	EN3905	
PET3906	S	P			2N3906	EN3906	
PET4001	S	N			2N5961	SE4001	
PET4002	S	N			2N5961	SE4002	
PET4003	S	N			2N5961	SE4002	
PET4058	S	P			2N5086	2N4248	
PET4058	S	P			2N5087	2N4250	
PET4059	S	P	PC		2N5086	2N4248	
PET4059	S	P	PC		2N5087	2N4250	
PET4060	S	P	PC		2N5086	2N4248	
PET4061	S	P	PC		2N5086	2N4248	
PET4062	S	P	PC		2N5087	2N4250	
PET4123	S	N	PC		2N4123	EN4123	
PET4124	S	N	PC		2N4124	EN4124	
PET4125	S	P	PC		2N4125	EN4125	
PET4126	S	P	PC		2N4126	EN4126	
PET6001	S	N	PC		2N4400	SE6001	
PET6002	S	N	PC		2N4401	SE6002	
PET8000	S	N	PC		2N5961	SE4001	
PET8001	S	N	PC		2N5961	2N3565	
PET8002	S	N	PC		2N5961	2N3565	
PET8003	S	N	PC		2N5961	SE4010	
PET8004	S	N	PC		2N5961	SE4010	
PET8005	S	N	PC		2N3903	2N3691	
PET8005A	S	N	PC		2N3903	2N3691	
PET8006	S	N	PC		2N3904	2N3692	
PET8006A	S	N	PC		2N3903	2N3691	
PET8006A	S	N	PC		2N3904	2N3692	
PET8007	S	N	PC		2N3904	2N3692	
PET8007A	S	N	PC		2N3903	2N3691	
PET8101	S	N	PC		2N5770	2N3563	
PE78200	S	N	PC		2N4123	EN4123	
PE78201	S	N	PC		2N4123	EN4123	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
PET8202	S	N	PC		2N4124	EN4124	
PET8203	S	N	PC		2N4124	EN4124	
PET8204	S	N	PC		2N4124	EN4124	
PET8250	S	N	A		2N4400	SE6001	
PET8251	S	N	PC		2N4401	SE6002	
PET8300	S	P	PC		2N5086	2N4248	
PET8301	S	P	PC		2N5086	2N4248	
PET8302	S	P	PC		2N5087	2N4250	
PET8303	S	P	PC		2N5771	2N4258	
PET8304	S	P	PC		2N5086	2N4248	
PET8350	S	P	PC		MPS3638	2N3638	
PET8351	S	P	PC		MPS3638A	2N3638A	
PET8352	S	P	PC		MPS3638	2N3638	
PET8353	S	P	PC		MPS3638A	2N3638A	
PET9001	S	N	PC		2N5772	2N4275	
PET9001A	S	N	PC		2N5772	2N4274	
PET9002	S	N	PC		2N5772	2N4274	
PET9002A	S	N	PC		2N5772	2N4274	
PET9021	S	N	PC		2N5772	2N4275	
PET9022	S	N	PC		2N5772	2N4272	
PF510	J	P			2N5018		
PF511	J	P			2N5018		
PN918-18	S	N	NS		SE3002		
PN1813	S	N	F	(BSX45-6)			
PN1711	S	N	F	(BSX45-16)			
PN1893	S	N	F	(BSX47-6)			
PN2218	S	N	F	BCX73-16			
PN2218A	S	N	F	BCX74-16			
PN2219	S	N	F	BCX73-16			
PN2219A	S	N	F	BCX74-16			
PN2221	S	N	F	BCX73-16			
PN2222	S	N	F	BCX73-16			
PN2222A	S	N	F	3CX74-16			
PN2484	S	N	F	(BC414B)			
PN2484-18	S	N	F		EN2484		
PN2904	S	P	F	BCX76-16			
PN2904A	S	P	F	(BCX76-16)			
PN2906	S	P	F	BCX76-16			
PN2906A	S	P	F	(BCX76-16)			
PN2906	S	P	F	BCX76-16			
PN2906A	S	P	F	(BCX76-16)			
PN2907	S	P	F	BCX76-16			
PN2907A	S	P	F	(BCX76-16)			
PN3250	S	P	F	BCX79V11			
PN3250A	S	P	F	(BCX79V11)			
PN3251	S	P	F	BCX79V11			
PN3251A	S	P	F	BCX79V11			
PN3583-18	S	N	F		2N3583		
PN3585	S	N	F	(BC413B)			
PN3585-18	S	N	F		2N3585		
PN3586	S	N	F	(BC237B)			
PN3586-5	S	N	F		2N3586		
PN3587	S	N	F	(BSX45-6)			
PN3587-5	S	N	F		2N3587		
PN3588	S	N	F	(BSX46-6)			
PN3588-5	S	N	F		2N3588		
PN3589	S	N	F	(BSX45-10)			
PN3589-5	S	N	F		2N3589		
PN3639-18	S	P	F		2N3639		
PN3640-18	S	P	F		2N3640		
PN3641	S	N	F	(BCX73-16)			
PN3641-5	S	N	F		2N3641		
PN3642	S	N	F	(BCX74-16)			
PN3642-5	S	N	F		2N3642		
PN3643	S	N	F	(BCX73-16)			
PN3643-5	S	N	F		2N3643		
PN3644	S	P	F	(BCX76-16)			
PN3644-5	S	P	F		2N3644		
PN3645	S	P	F	(BCX76-16)			
PN3645-5	S	P	F		2N3645		
PN3688	S	N	F	(BF241)			
PN3689	S	N	F	(BF241)			
PN3690	S	N	F	(BF241)			
PN3692-18	S	N	F		EN3692		
PN4248	S	P	F	BC416C			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
PN4248 18	S	P	F		2N4248		
PN4249	S	F	F	(8C416B)			
PN4249-18	S	P	F		2N4249		
PN4250	S	P	F	8C418C			
PN4250A	S	P	F	(8C416C)			
PN4250-18	S	P	F		2N4250		
PN4250A 10	S	P	F		2N4250A		
PN4258 18	S	P	F		2N4257	2N4258	
PN4258A-18	S	P	F		2N4258A		
PN4274-18	S	N	F		2N4274		
PN4275 18	S	N	F		2N4275		
PN4355-5	S	P	F		2N4355		
PN4356 5	S	P	F		2N4356		
PN4916	S	P	F	(8C415A)			
PN4917	S	P	F	(8C415B)			
PN5126	S	N	F	(8F198)			
PN5128	S	N	F	(8SX48)			
PN5128-18	S	N	F		2N5128		
PN5129	S	N	F	(8SX48)			
PN5130	S	N	F	(8FX89)			
PN5130-18	S	N	F		2N5130		
PN5131	S	N	F	(8C413B)			
PN5132	S	N	F	(8C413B)			
PN5133	S	N	F	(8C413C)			
PN5133 10	S	N	F		2N5133		
PN5134	S	N	F	(8SV17)			
PN5134-18	S	N	F		2N5134		
PN5135	S	N	F	8C337-25			
PN5135 5	S	N	F		2N5135		
PN5138	S	N	F	8C338 16			
PN5136 5	S	N	F		2N5136		
PN5137	S	N	F	8C338-16			
PN5138	S	N	F	(8C413C)			
PN5138 18	S	P	F		2N5138		
PN5139	S	P	F				
PN5142	S	P	F	(8CX75-16)			
PN5142 5	S	P	F		2N5142		
PN5143	S	P	F	(8CX75 16)			
PN5855	S	P	F	(8SV16 16)			
PN5856	S	N	F	(8SX46-16)			
PN5857	S	P	F	(8SV17-10)			
PN5858	S	N	F	(8SX47-10)			
PN5910-18	S	P	F		2N5910		
PN5964	S	N	F	(8F457)			
PN5965	S	N	F	(8F458)			
PT200	M	N			MFE3004		
PT201	M	N			MFE3004		
PT320	M	P			MF E3003		
PT904L	P				TIL65*		
PT4416	G	P		OC16			
Q6	G	P		AC128	2N2431		
Q7	G	P		AC128	2N2431		
Q8	G	P		AC128	2N2431		
QS100	P				TIL63*		
QS101	P				TIL64*		
QS102	P				TIL65*		
QS103	P				TIL66*		
QS104	P				TIL67*		
QS105	P				TIL64*		
QS106	P				TIL67*		
QS107	P				TIL65*		
QS200	P				TIL614*		
QS201	P				TIL615*		
QS202	P				TIL613*		
QS203	P				TIL615*		
QS204	P				TIL614		
QS205	P				TIL615		
QS230	P				TIL614		
QS400	P				LS400		
QS401	P				LS400*		
QS402	P				LS400*		
QS403	P				LS400*		
QS404	P				LS400*		
QS500	P				LS600		
QS601	P				TIL601		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
Q5602	P				TIL602		
Q5603	P				TIL603		
Q5604	P				TIL604		
Q5605	P				TIL604*		
RCA1A01	S	N	RC		2N5320		06
RCA1A02	S	P	RC		2N5322		06
RCA1A03	S	N	RC		2N5338		06
RCA1A05	S	P	RC		2N5322		06
RCA1A06	S	N	RC		2N5320		06
RCA1A07	S	N	RC		2N5321		06
RCA1A08	S	P	RC		2N5323		06
RCA1A09	S	N	RC		2N3439		06
RCA1A10	S	P	RC		F75416		06
RCA1A11	S	N	RC		2N3439		06
RCA1A15	S	N	RC		2N3440		06
RCA1A16	S	P	RC		F75416		06
RCA1A17	S	N	RC				06
RCA1A18	S	N	RC				06
RCA1A19	S	P	RC		2N5322		06
RCA1B01	S	N	RC		2N5629		06
RCA1B04	S	N			F7410		06
RCA1B05	S	N	RC		2N6250		06
RCA1B06	S	N	RC		F7410		06
RCA1B07	S	N	RC		SE9306		06
RCA1C05	S	N	RC				06
RCA1C06	S	P	RC				06
RCA1C07	S	N	RC		2N6131		06
RCA1C08	S	P	RC		2N6134		06
RCA1C09	S	N	RC		F73065		06
RCA1C10	S	N	RC		2N6129		06
RCA1C11	S	P	RC		2N6132		06
RCA1C14	S	N	RC		2N6130		06
RCA29	S	N	RC		TIP29		06
RCA29A	S	N	RC		TIP29A		06
RCA29B	S	N	RC		TIP29B		06
RCA29C	S	N	RC		TIP29C		06
RCA30	S	P	RC		TIP30		06
RCA30A	S	P	RC		TIP30A		06
RCA30B	S	P	RC		TIP30B		06
RCA30C	S	P	RC		TIP30C		06
RCA31	S	N	RC		TIP31		06
RCA31A	S	N	RC		TIP31A		06
RCA31B	S	N	RC		TIP31B		06
RCA31C	S	N	RC		TIP31C		06
RCA32	S	P	RC		TIP32		06
RCA32A	S	P	RC		TIP32A		06
RCA32B	S	P	RC		TIP32B		06
RCA32C	S	P	RC		TIP32C		06
RCA41	S	N	RC		TIP41		06
RCA41A	S	N	RC		TIP41A		06
RCA41B	S	N	RC		TIP41B		06
RCA41C	S	N	RC		TIP41C		06
RCA42	S	P	RC		TIP42		06
RCA42A	S	P	RC		TIP42A		06
RCA42B	S	P	RC		TIP42B		06
RCA42C	S	P	RC		TIP42C		06
RCA120	SD	N	RC		TIP120		06
RCA121	SD	N	RC		TIP121		06
RCA125	SD	P	RC				06
RCA126	SD	P	RC		TIP126		06
RCA410	S	N	RC		F7410		06
RCA411	S	N	RC		F7411		06
RCA413	S	N	RC		F7413		06
RCA423	S	N	RC		F7423		06
RCA431	S	N	RC		F7431		06
RCA1000	SD	N	RC		SE9303		06
RCA1001	SD	N	RC		SE9304		06
RCA3054	S	N	RC				06
RCA3055	S	N	RC		F73055		06
RCA8203A	SD	P	RC		SE9400		06
RCA8203B	SD	P	RC		SE9401		06
RF1	G	P		AF185			
RR342	G	P		OC58			
RR83	G	P		AC126	2N2429		
RR87	G	P		AC126	2N2429		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
RR117	G	P		AC126	2N2429		
RR180	G	P		AF185			
RR181	G	P		AF185			
RR182	G	P		AF185			
RRJ14	G	P		AC126	2N2429		
RRJ20	G	P		AC126	2N2429		
RRJ34	G	P		AC126	2N2429		
RRJ214	G	P		OC58			
RRJ220	G	P		OC58			
RRJ234	G	P		OC58			
RRJ238	G	P		OC58			
S40251	S	N			40361		
S40309	S	N			40309		
S40310	S	N			40310		
S40311	S	N			40311		
S40312	S	N			40312		
S40314	S	N			40314		
S40315	S	N			40315		
S40316	S	N			40316		
S40317	S	N			40317		
S40319	S	P			40319		
S40320	S	N			40320		
S40321	S	N			40321		
S40323	S	N			40323		
S40324	S	N			40324		
S40325	S	N			40325		
S40326	S	N			40326		
S40327	S	N			40327		
S40360	S	N			40360		
S40361	S	N			40361		
S40362	S	P			40362		
S40363	S	N			40363		
S40364	S	P			40364		
S40406	S	P			40406		
S40407	S	N			40407		
S40408	S	N			40408		
S40411	S	N			40411		
S40537	S	P			40537		
S40538	S	P			40538		
S40539	S	N			40539		
S40544	S	N			40544		
S40594	S	N			40594		
S40595	S	P			40595		
S40611	S	N			40611		
S40616	S	N			40616		
S40634	S	P			40634		
S40635	S	N			40635		
S8100	G	P		AF185			
SC12	G	P		AC126	2N2429		
SC1611	M	P			2N4352		
SC1612	M	P			2N4352		
SC1613	M	P			2N4352		
SC1614	M	P			2N4352		
SCC321	S	N	F		TIP35A		
SCC421	S	P	F		TIP36A		
SC0321	S	N	F		TIP33B		
SC0421	S	P	F		TIP36A		
SC E321	S	N	F		TIP33C		
SC E421	S	P	F		TIP36C		
SD345	S	N			2N2580		
SD345						TIP29A	
SD445	S	P			2N5294		
SD1440/1	P				TIP30A	2N6123	
SD1440/2	P				TIL610*		
SD1440/3	P				TIL611*		
					TIL612*		
SD1440/4	P				TIL612*		
SD1441/1	P				TIL609*		
SD1441/2	P				TIL610*		
SD1441/3	P				TIL611*		
SD2440/1	P				TIL601		
SD2440/2	P				TIL602		
SD2440/3	P				TIL603		
SD2440/4	P				TIL604		
SD2441/1	P				TIL603*		
SD2441/2	P				TIL604*		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
SD2441/3	P					T1L804*	
SD3440/1	P					T1L81*	
SD3440/2	P					T1L81*	
SD3440/3	P					T1L81*	
SD3442/1	P					T1L81*	
SD3442/2	P					T1L81*	
SD3442/3	P					T1L81*	
SD5440/1	P					T1L81*	
SD5440/2	P					T1L81*	
SD5440/3	P					T1L81*	
SD5440/4	P					T1L81	
SD5442/1	P					T1L81*	
SD5442/2	P					T1L81*	
SD5442/3	P					T1L81*	
SDA345	S	N			2N6121	2N5296	
SDA345					2N6122	MJE520	
SDA345					TIP31		
SDA445	S	P			2N6124	MJE370	
SDA445					2N6125	MJE371	
SDA445					TIP30		
SD6345	S	N			2N6122	2N5297	
SD6345					2N6123	2N5298	
SD6345					TIP31A		
SD6445	S	P			TIP32A	2N6126	
SD6445					2N6126		
SDC345	S	N			2N4921		
SDC445	S	P			2N4918		
SDD345	S	N			2N4922		
SDD445	S	P			2N4919		
SDE345	S	N			2N4923		
SDF445	S	P			2N4920		
SDF345	S	N			2N5190		
SDF445	S	P			2N5193		
SDG345	S	N			2N5191		
SDG445	S	P			2N5194		
SDH345	S	N			2N5192		
SDH445	S	P			2N5195		
SDI345	S	N	F		2N6121	40622	
SDI345					2N6290	40618	
SDI345					TIP41	40621	
SDI445	S	P	F		2N6124	TIP42	
SDI445					2N5109		
SDJ345	S	N	F		2N6290	TIP41	
SDJ445	S	P	F		2N5109	TIP42	
SDK345	S	N	F		40624	40627	
SDK345					2N6121	TIP41	
SDK345					2N6290		
SDK445	S	P	F		2N6124	TIP42	
SDK445					2N6109		
SDL345	S	N	F		2N6122	TIP41A	
SDL345					2N6292		
SDL445	S	P	F		2N6125	TIP42A	
SDL445					2N6107		
SDM345	S	N	F		2N6121	TIP41	
SDM445	S	P	F		2N6124	TIP42	
SDN345	S	N	F		2N6122	TIP41A	
SDN445	S	P	F		2N6125	TIP42A	
SDO345	S	N	F		2N6123	TIP41B	
SDO445	S	P	F		2N6126	TIP42B	
SDP345	S	N	F		TIP41C		
SDP445	S	P	F		TIP42C		
SDT402	S	N	SD		TIP54		
SDT410	S	N	SD		RCA410	TIP51	
SDT411	S	N	SD		RCA411	TIP52	
SDT413	S	N	SD		RCA413		
SDT423	S	N	SD		RCA423	TIP54	
SDT431	S	N	SD		RCA431		
SDT1060	S	N	SD		FT410		
SDT1061	S	N	SD		FT413		
SDT1065	S	N	SD		2N5638		
SDT1056	S	N	SD		FT423		
SDT1060	S	N	SD		2N5638		
SDT1061	S	N	SD		FY431		
SDT3609	S	P	PI,SD		TIP32		
SDT3610	S	P	PI,SD		TIP32A		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
SDT3511	S	P	PI,SO		TIP358		
SDT3512	S	P	PI,SO		TIP32C		
SDT3513	S	P	PI,SO		TIP32		
SDT3514	S	P	PI,SO		TIP32A		
SDT3515	S	P	PI,SO		TIP32B		
SDT3516	S	P	PI,SO		TIP32C		
SDT3550	S	P	SD		2N4235	2N6781	
SDT3551	S	P	SD		2N4236		
SDT3552	S	P	SD		2N4234	2N6783	
SDT3553	S	P	SD		2N4235	2N6781	
SDT3554	S	P	SD		2N4236		
SDT3575	S	P	SD		2N5956	TIP30	
SDT3576	S	P	SD		2N4899	2N5955	
SDT3576	S	P	SD		TIP30A		
SDT3577	S	P	SD		2N4900	2N5954	
SDT3577	S	P	SD		TIP30B		
SDT3578	S	P	SD		2N4898	TIP30	
SDT3579	S	P	SD		2N4899	TIP30A	
SDT3701	S	P	SD		2N5956	TIP42	
SDT3702	S	P	SD		2N5955	TIP55A	
SDT3703	S	P	SD		2N5956	TIP42	
SDT3704	S	P	SD		2N5955	TIP42A	
SDT3705	S	P	SD		2N5954	TIP42B	
SDT3706	S	P	SD		2N5956	TIP42	
SDT3707	S	P	SD		2N5955	TIP42	
SDT3708	S	P	SD		2N5955	TIP42A	
SDT3709	S	P	SD		2N5956	TIP42	
SDT3710	S	P	SD		2N5955	TIP42	
SDT3711	S	P	SD		2N6955	TIP42A	
SDT3712	S	P	SD		2N5956	TIP42	
SDT3713	S	P	SD		2N5955	TIP42A	
SDT3714	S	P	SD		2N5954	TIP42A	
SDT3715	S	P	SD		2N5956	TIP42	
SDT3716	S	P	SD		2N6956	TIP42	
SDT3717	S	P	SD		2N5955	TIP42A	
SDT3718	S	P	SD		2N5954	TIP42B	
SDT3719	S	P	SD		TIP42C		
SDT3720	S	P	SD		2N5956	TIP42	
SDT3721	S	P	SD		2N5956	TIP42	
SDT3722	S	P	SD		2N5955	TIP42A	
SDT3723	S	P	SD		2N5954	TIP42B	
SDT3724	S	P	SD		TIP42C		
SDT3725	S	P	SD		2N5856	TIP42	
SDT3726	S	P	SD		2N5956	TIP42	
SDT3727	S	P	SD		2N5955	TIP42A	
SDT3728	S	P	SD		2N5954	TIP42B	
SDT3729	S	P	SD		2N5956	TIP42	
SDT3730	S	P	SD		2N5955	TIP42A	
SDT3731	S	P	SD		2N5954	TIP42A	
SDT3732	S	P	SD		TIP42C		
SDT3733	S	P	SD		2N5956	TIP42	
SDT3750	S	P	SD		2N4904	2N6246	
SDT3750	S	P	SD		TIP34		
SDT3751	S	P	SD		2N4905	2N6246	
SDT3751	S	P	SD		TIP34A		
SDT3752	S	P	SD		2N4901	2N6246	
SDT3752	S	P	SD		TIP34		
SDT3753	S	P	SD		2N4902	2N6246	
SDT3753	S	P	SD		TIP34A		
SDT3754	S	P	SD		2N4903	2N6247	
SDT3754	S	P	SD		TIP34B		
SDT3755	S	P	SD		2N6248	TIP34C	
SDT3756	S	P	SD		2N4904	2N6246	
SDT3756	S	P	SD		TIP34		
SDT3757	S	P	SD		2N4904	2N6246	
SDT3757	S	P	SD		TIP34		
SDT3757	S	P	SD		2N4905	2N6246	
SDT3758	S	P	SD		TIP34A		
SDT3759	S	P	SD		2N4906	2N6247	
SDT3759	S	P	SD		TIP34B		
SDT3760	S	P	SD		2N6248	TIP34C	
SDT3761	S	P	SD		2N4904	2N6246	
SDT3761	S	P	SD		TIP34		
SDT3762	S	P	SD		2N4904	2N6246	
SDT3762	S	P	SD		TIP34		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
SDT3763	S	P	SD		2N4906	2N6246	
SDT3763					TIP34 A		
SDT3764	S	P	SD		2N4906	2N6247	
SDT3764					TIP34B		
SDT3765	S	P	SD		2N6248	TIP34C	
SDT3766	S	P	SD		2N4904	2N6246	
SDT3766					TIP34		
SDT3826	S	P	SD		2N6246	TIP34	
SDT3826	S	P	SD		2N5880	2N6247	
SDT3826					TIP34B		
SDT3827	S	P	SD		2N6246	TIP34	
SDT3876	S	P	SD		2N4398	TIP36	
SDT3876	S	P	SD		2N5884	TIP36A	
SDT3877	S	P	SD		2N4398	TIP36	
SDT4301	S	N	PI,SD		2N4237		
SDT4302	S	N	PI,SD		2N4238		
SDT4303	S	N	PI,SD		2N4239		
SDT4304	S	N	PI,SD		2N5321		
SDT4305	S	N	PI,SD		2N5334		
SDT4306	S	N	PI,SD		2N5335		
SDT4307	S	N	PI,SD		2N5321		
SDT4308	S	N	PI,SD		2N5334		
SDT4309	S	N	PI,SD		2N5335		
SDT4311	S	N	PI,SD		2N5334		
SDT4312	S	N	PI,SD		2N5335		
SDT4901	S	N	KE,SD		2N6078		
SDT4902	S	N	KE,SD		2N6078		
SDT4903	S	N	KE,SD		2N6077		
SDT4904	S	N	KE,SD		2N6077		
SDT4905	S	N	KE,SD		2N6078		
SDT5901	S	N	SD,KE,PI		TIP41		
SDT5902	S	N	KE,SD		TIP41A		
SDT5903	S	N	KE,PI,SD		TIP41B		
SDT5904	S	N	KE,SD,PI		TIP41C		
SDT6901	S	N	KE,SD		2N6078		
SDT6902	S	N	KE,SD		2N6078		
SDT6903	S	N	KE,SD		2N6078		
SDT6904	S	N	KE,SD		2N6078		
SDT6905	S	N	KE,SD		2N6078		
SDT6906	S	N	KE,SD		2N6078		
SDT6907	S	N	KE,SD		2N6078		
SDT6908	S	N	KE,SD		2N6078		
SDT7601	S	N	KE,SD,PI		2N5039	TIP33	
SDT7602	S	N	KE,SD,PI		2N5039	TIP33A	
SDT7603	S	N	KE,SD,PI		2N5038	TIP33B	
SDT7604	S	N	KE,SD,PI		2N6249		
SDT7605	S	N	KE,SD,PI		2N6249		
SDT7607	S	N	KE,SD,PI		2N5039	TIP33	
SDT7608	S	N	KE,SD,PI		2N6039	TIP33A	
SDT7609	S	N	KE,SD,PI		2N5038	TIP33B	
SDT7610	S	N	KE,SD,PI		2N6249		
SDT7611	S	N	KE,SD,PI		2N6249		
SDT7612	S	N	KE,SD,PI		2N6249		
SDT7731	S	N	SD		2N6254	2N5301	
SDT7732	S	N	SD		2N5881	2N6254	
SDT7732					2N5301		
SDT7733	S	N	SD		2N5882	2N6254	
SDT7733					2N5301		
SDT7734	S	N	SD		2N5629	2N3773	
SDT7734					2N5301		
SDT7735	S	N	SD		2N3773		
SDT7736	S	N	SD		2N6259		
SDT8002	S	N	KE,SD,PI		2N3266		
SDT8003	S	N	KE,SD,PI		2N3265		
SDT8012	S	N	KE,SD,PI		2N3266		
SDT8013	S	N	KE,SD,PI		2N3265		
SDT8015	S	N	KE,SD,PI		2N3266		
SDT8018	S	N	KE,SD,PI		2N3265		
SDT8105	S	N	SD		2N3264		
SDT8106	S	N	SD		2N3263		
SDT8112	S	N	SD		2N3264		
SDT8113	S	N	SD		2N3263		
SDT8301	S	N	KE,SD,PI		2N3266		
SDT8302	S	N	KE,SD,PI		2N3265		
SDT8303	S	N	KE,SD,PI		2N3266		

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
SDT8304	S	N	KE,SD,P1			2N3266			
SDT9201	S	N	PI,SD			2N6569	2N3055		
SDT9201	S	N	PI,SD			TIP35			
SDT9202	S	N	PI,SD			2N5882	2N6254		
SDT9202	S	N	PI,SD			TIP35B			
SDT9203	S	N	PI,SD			2N6629	2N4348		
SDT9203	S	N	PI,SD			TIP35C			
SDT9204	S	N	PI,SD			2N6630	2N4348		
SDT9204	S	N	PI,SD			2N5301			
SDT9205	S	N	PI,SD			2N6569	2N3055		
SDT9205	S	N	PI,SD			TIP35			
SDT9206	S	N	PI,SD			2N3055	TIP35A		
SDT9207	S	N	PI,SD			2N6882	2N6254		
SDT9207	S	N	PI,SD			TIP35B			
SDT9208	S	N	PI,SD			2N6629	2N4348		
SDT9208	S	N	PI,SD			TIP35C			
SDT9208	S	N	PI,SD			2N6630	2N4348		
SDT9210	S	N	PI,SD			2N5301			
SDT9210	S	N	PI,SD			2N6253	TIP35		
SDT9210	S	N	PI,SD			2N5303	2N6258		
SDT9702	S	N	PI,SD			2N5629	2N3773		
SDT9703	S	N	PI,SD			2N6630	2N3773		
SDT9704	S	N	PI,SD			2N5886	2N6254		
SDT9705	S	N	PI,SD			2N5629	2N3773		
SDT9705	S	N	PI,SD			2N5630	2N3773		
SDT9707	S	N	PI,SD			2N3055			
SDT9801	S	N				2N6569	2N6254		
SDT9801	S	N				TIP35			
SDT9802	S	N				2N3055	2N6254		
SDT9802	S	N				TIP35A			
SDT9803	S	N				2N5878	2N6254		
SDT9803	S	N				TIP35B			
SDT9804	S	N				2N3773	TIP35C		
SDT9901	S	N				2N6569	2N4301		
SDT9902	S	N				2N3055	2N4301		
SDT9903	S	N				2N5878	2N4301		
SDT9903	S	N				2N4301			
SE1001	S	N	F,CA,NU,NS	(BF241)	BF173	MPS3693	MPS3694		
SE1001	S	N	F,CA,NU,NS	BF194	8C118				
SE1002	S	N	F,CA,NU,NS	(BF240)	BF194	MPS3693	MPS3694		
SE1002	S	N	F,NU	BF237					
SE1010	S	N	F,NU	8C2396	BF189				
SE1010	S	N	F,NS	BF184	BF194				
SE1010	S	N	F,NS	BF237					
SE2001	S	N	F,NS	(8C413B)		MPS3693	MPS3694		
SE2001	S	N	F	(8C413B)		TIS98			
SE2002	S	N	F	(8C413B)		2N3692			
SE3001	S	N	F,CA,NS	(BFX99)	BF196	2N5770	2N3015		
SE3001	S	N	F,CA,NS	BFY19	BF194	TIS82			
SE3001	S	N	F,CA,NS	BFY88					
SE3002	S	N	F,CA,NS	(BFX89)		PN918-18	2N5770		
SE3005	S	N	F	(BFY90)		2N2857			
SE3646	S	N	F			2N3646	2N3009		
SE3646	S	N	F			2N3013			
SE4001	S	N	F,CA,NU,NS	8C182	8C413B	PE4001-18	2N5961	25C458	
SE4001	S	N	F,CA,NU,NS	8C107	8C237A	TIS94	2N2921		
SE4002	S	N	F,CA,NU,NS	8C413C		PE4002-18	2N5961		
SE4002	S	N	F,CA,NU,NS			TIS97			
SE4010	S	N	F,CA,NU,NS	8C413C		PE4010-18	2N5961		
SE4010	S	N	F,CA,NU,NS			TIS97	2N2511		
SE4020	S	N	F	(8C414C)		2N5961-18	2N4961		
SE4020	S	N	F			2N5088	2N2596		
SE4020	S	N	F			2N3117			
SE4021	S	N	F	8C414C		2N5962-18	F T107B		
SE4022	S	N	F	(8C413C)		F T107A			
SE5001	S	N	F	(BF241)	BF173			25C464	
SE6001	S	N	F	BF237					
SE5002	S	N	F,NS	(BF241)	BF162	2N3337			
SE5003	S	N	F	(BF241)	BF162	2N3339			
SE5006	S	N	F	(BF241)	BF182	2N3339			
SE5020	S	N	F,NS	(BF198)		TIS84			
SE5021	S	N	F,NS	(BF198)		TIS108			
SE5022	S	N	F,NS	(BF198)		TIS108			
SE5023	S	N	F,NS	(BF198)		TIS108			
SE5024	S	N	F,NS	(BF198)		TIS108			

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
SE5025	S	N	F	(BF198)		2N3337			
SE5030B	S	N	F			PE5030B			
SE5050	S	N	F,NS	(BF198)		2N3137	SE5015		
SE5051	S	N	F,NS	(BF198)		2N5126			
SE5052	S	N	F,NS			FP58568			
SE5065	S	N	F,NS	(BF198)	BF167				
SE6001	S	N	F,NS	BSX45-10	BC107A	2N4400	2N4401		
SE6001	S	N	F,NS	BC237A		2N2921		25C458	
SE6002	S	N	F,NS	BSX45-10		2N5981	2N3565		
SE6002	S	N	F,NS			MPS3392	MPS3383		
SE6020	S	N	F	BSX46-10		PE6020-5	MPSA05		
SE6020	S	N	F			MPSA06	2N4960		
SE6020A	S	N	F	BSX46-10		PE6021A			
SE6021	S	N	F	BSX47-10		PE6021-5	2N4961		
SE6021	S	N	F			2N3109	2N3110		
SE6021	S	N	F				2N3665		
SE6021A	S	N	F	BSX47-10					
SE6022	S	N	F	(BSX46-10)		2N4962			
SE6023	S	N	F	(BSX47-10)		2N3057A			
SE6063	S	N	F			SE6062			
SE7001	S	N	F	(BF457)		2N5182	T1S100		
SE7002	S	N	F	(BF457)		2N5182	T1S100		
SE7010	S	N	F			2N5182			
SE7015	S	N	F	(BF457)		2N3923	SE7016		
SE7016	S	N	F	(BF457)		SE7017			
SE7017	S	N	F	(BF458)					
SE7055	S	N	F,NS	(BF458)					
SE7056	S	N	F,NS	(BF458)					
SE7067	S	N	F						
SE7068	S	N	F			2N3742			
SE8001	S	N	F	BSX46-6	BSY34	2N4945	2N2218A		25C479
SE8002	S	N	F	BSX45-6		2N4946			
SE8010	S	N	F	BSX46-10		SE8012			
SE8012	S	N	F	BSX46-10		SE8010			
SE8040	S	N	F	BSX45-10		SE8041	SE8042		
SE8041	S	N	F	BSX45-10		SE8040	SE8042		
SE8042	S	N	F	BSX45-10		SE8040	SE8041		
SE8520	S	P	F			SE8510			
SE8521	S	P	F			2N4356			
SE8540	S	P	F	BSV15-10		SE8541	SE8542		
SE8541	S	P	F	BSV15-10		SE8540	SE8542		
SE8542	S	P	F	BSV15-10		SE8541	SE8540		
SE9051	S	N	F	(BUY75)					
SE9052	S	N	F	(BUY76)					
SE9300	S	N	F			MJE800	MJE802		
SE9300	S	N	F			MJE1100	MJE1101		
SE9300	S	N	F			2N6388	2N6387		
SE9300	S	N	F			TIP110	TIP120		
SE9301	S	N	F			MJE801	MJE803		
SE9301	S	N	F			MJE1102	MJE1103		
SE9301	S	N	F			2N6388	TIP111		
SE9301	S	N	F			TIP121			
SE9302	S	N	F			TIP112	TIP122		
SE9303	S	N	F			MJE1000	MJE3000		
SE9303	S	N	F			MJE4000	2N6383		
SE9303	S	N	F			2N6384	2N6055		
SE9303	S	N	F			RCA1000	TIP640		
SE9303	S	N	F			TIP140			
SE9304	S	N	F			MJE1001	MJE3001		
SE9304	S	N	F			MJE4001	2N6385		
SE9304	S	N	F			2N6056	RCA1001		
SE9304	S	N	F			TIP641	TIP141		
SE9305	S	N	F			TIP642	TIP142		
SE83706	S	N	F	BC337					
SF81087	J	N	F			2N5485			
SF81091	J	N	F			3N126			
SF81092	J	N	F			2N5484			
SFT101	G	P	SE	AC126	AC125	2N2429			
SFT102	G	P	SE	AC126	AC125	2N2429			
SFT103	G	P	SE	AC126		2N2429			
SFT105	G	P	SE	AC126		2N2429			
SFT106	G	P	SE	(AC121IV)	AF185				
SFT106	G	P	SE	AF116	AF126				
SFT107	G	P	SE	(AC121IV)	AF185				
SFT107	G	P	SE	AF116	AF126				

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
SFT108	G	P	SE *	(AC121V)	AF185				
SFT108				AF115	AF125				
SFT109	G	P	SE	AC126	AC125	2N2429			
SFT111	G	P	SE	AC125					
SFT112	G	P	SE	AC132					
SFT113	G	P	SE	(AD130IV)	AD149	2N2836			
SFT113				OC26					
SFT114	G	P	SE	(AD131IV)	ASZ15				
SFT114				ASZ17					
SFT115	G	P	SE	(AF127)	AF185				
SFT115				AF116	AF126				
SFT116	G	P	SE	AF185	AF115				
SFT116				AF125					
SFT117	G	P	SE	AF178	AF114	2N2495			
SFT117				AF124					
SFT118	G	P	SE	AF178	AF114	2N2495			
SFT118				AF124					
SFT119	G	P	SE	AF185	AF116				
SFT119				AF126					
SFT120	G	P	SE	AF185	AF115				
SFT120				AF125					
SFT121	G	P	SE	(AC152IV)	AC128	2N2431			
SFT121				AC132					
SFT122	G	P	SE	(AC152IV)	AC128	2N2431			
SFT122				AC132					
SFT123	G	P	SE	(AC152IV)	AC128	2N2431			
SFT123				AC132					
SFT124	G	P	NU,SE	AC128	AC153IV	2N2431	2N4105	2S8370A	
SFT124				AC117	AC131	2N249		2S8226	
SFT124				AC152					
SFT125	G	P	NU,SE	AC128	AC153V1	2N2431	2N4105	2S8370A	
SFT125				AC117	AC126	2N223		2S8222	
SFT125				AC131					
SFT126	G	P	SE	(AC152IV)	ASY26				
SFT126				2G139	2G138				
SFT127	G	P	SE	(AC152IV)	ASY26				
SFT127				2G138	2G139				
SFT128	G	P	SE	(AC152V)	ASY27				
SFT128				2G140	2G141				
SFT130	G	P	NU,SE	AC128	AC151V1	2N2431	2N386	ST172	
SFT130				AC128K	AC117				
SFT131	G	P	NU,SE	AC128	AC128K	2N2431	2N223	2S8415	
SFT131				AC153V1	AC131				
SFT135	G	P	SE	(AC152IV)					
SFT136	G	P	SE	(AC152IV)					
SFT141	G	P	SE	(ASY48IV)					
SFT142	G	P	SE	(ASY48IV)	AC128				
SFT143	G	P	NU,SE	AC128					
SFT144	G	P	NU,SE	AC128	AC153	2N226		2S8222	
SFT145	G	P	NU,SE						
SFT146	G	P	NU,SE	AC127	AC128				
SFT150	G	P	SE	(AD132III)	ASZ15				
SFT150				ASZ16					
SFT151	G	P	SE	AC126	AC125	2N2429			
SFT152	G	P	SE	(AC151IV)	AC126	2N2429			
SFT152				AC125					
SFT153	G	P	SE	(AC151V)	AC126				
SFT155	G	P	SE	(AF127)					
SFT162	G	P	NU,SE	AF118		2N2207		2SA76	
SFT163	G	P	NU,SE	AF121	AF212				
SFT163				AF200					
SFT170	G	P	SE	AF109R	AF180	2N3588			
SFT171	G	P	SE,NU	AF106	AF102			2SA230	
SFT172	U	P	NU,SE	AF106	AF102			2SA230	
SFT173	U	P	NU,SE	(AF201U)	AF201			2SA239	
SFT173				AF121	AF102				
SFT174	G	P	NU,SE	(AF2025)	AF202			2SA239	
SFT174				AF121S	AF121				
SFT174				AF102					
SFT184	G	N	NU,SE	AC127	AC179	2N2430	2N13H	2SD96	
SFT186	S	N	NU,SE	(8F457)	8F140				
SFT186				8F178	8F117				
SFT186N	S	N	SE	8F110	8F178			2SC856	
SFT186N				8F258					
SFT186P	S	N	SE	(8F457)	8F110				

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN	JAPANESE	USE
SFT187	S	N	SE,ML,Se	(BF457)	BF114			
SFT187				BF110	BF178			
SFT187N	S	N	SE	AD132III	BF117		2SC856	
SFT190	G	P	SE	AD138/50	AD132	2N2065	2SB472	
SFT190				AD149	AD121			
SFT190				AD149				
SFT191	G	P	SE	(AD131111)	AD131	T13029	2SB471	
SFT191				AQZ11	AD149			
SFT191				ASZ18				
SFT192	G	P	SE	AD131IV				
SFT206	G	P	SE	ASY26	ASY14			
SFT207	G	P	SE	ASY26	ASY14			
SFT207				ASY12				
SFT208	G	P	SE	ASY27	ASY14	2N2447	2S13	
SFT208				ASY13				
SFT211	G	P	SE	(AUJ22IV)	ASZ18			
SFT212	G	P	NU,SE	AD130III	AD138	T13028	2N83A	2SB242
SFT212				AD149	AD153			
SFT212				ASZ15				
SFT213	G	P	NU,SE	AD131111	AUY28	T13029	2N176	2SB742
SFT213				AB153	AD148	2N257		
SFT213				ASZ16	AD149			
SFT214	G	P	SE,NU	AD131111	AD138/50	T13029		
SFT214				ASZ17	AUY28			
SFT221	G	P	NU,SE	(AC152IV)	ACY23V	2N1303	2N1307	2SB17
SFT221				AC131	AC128			
SFT221				AC153	ASY26			
SFT221				ACY14				
SFT222	G	P	NU,SE	(AC152V)	ACY23V	2N526	2N1303	2SB219
SFT222				AC131	ASY14	2N1307		
SFT222				AC153	ASY28			
SFT223	G	P	NU,ML,Se,SE	AC152V)	ASY26	2N215		HJ15
SFT223				AC131	ASY14			
SFT223				AC117	AC153			
SFT226	G	P	NU,SE	(ASY48IV)	AF101	2N269	2N1305	2S4H
SFT226				GFT45	OC812			
SFT226				ASZ10				
SFT227	G	P	Se,ML,NU,SE	ASY26	ASY14	2N1307		
SFT227				ASY30	ASZ10			
SFT228	G	P	Se,ML,NU,SE	ASY27	ASY14	2N3486A	2N1309	
SFT228				ASY30	ASZ10			
SFT229	G	P	NU,ML,Se,SE	(ASY70V1)	ASY27	2N1309		
SFT229				ASY13	ASY27			
SFT232	G	P	SE	AC124	AC128	2N176		2SB41
SFT232				AC173	CTP1104			
SFT232				OC30				
SFT234	G	P	Se,ML,NU,SE	ACY24	ASY48			
SFT237	G	P	NU,SE	(AC162)	ACY32V			
SFT237				AC180	AC1608			
SFT237				ACY32				
SFT238	G	P	NU,SE	AUY21111	AD138	T13029	2N101	2SB42
SFT238				ASZ16	ASZ17			
SFT238				AUY29				
SFT239	G	P	NU,SE	AUY21111	AD138/50	T13029		
SFT239				ASZ16	AUY28			
SFT239g	G	P	SE	ASZ16	ASZ18			
SFT239g				COT1311				
SFT239g	G	P	SE	AD149	ASZ17	2N352		2SB86
SFT239g				COT1311				
SFT240	G	P	NU,SE	(AUJ22111)	AUY22	T13029		
SFT240				AUY28	ASZ18			
SFT240g	G	P	SE	AD131	ASZ15	2N157A		2SB87
SFT240g				ASZ18				
SFT240o	G	P	SE	AD105	GFT3408	2N268		2SB87
SFT240o				ASZ18				
SFT241	G	P	NU,SE	AC152IV	AC131/30	2N44		2SB224
SFT241				AC128	AC131			
SFT241				ASY48				
SFT242	G	P	NU,SE	(ASY48V)	AC152IV	2N284		2SB89
SFT242				AC131/30	AC161			
SFT242				AC128	ASY48			
SFT243	G	P	NU,SE	(ASY48V)	ASY48IV	2N241	2N24A	2SB89
SFT243				ACY24	AC128			
SFT243				ACZ10				
SFT250	G	P	NU	AD132111	AUY28	T13029	2N268	2SB40

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
SFT250				AUY31	ASY41	2N301		258249	
SFT250				ASZ18					
SFT251	G	P	NU,SE	(AC151V)	AC125				
SFT251				ASY26					
SFT252	G	P	NU,SE	(AC151V)	ASY26				
SFT253	G	P	NU,ML,S,SE	(AC151V)					
SFT259	G	N	SE	(AC127)					
SFT260	G	N	SE	(AC127)	ASY74	2N1090		25C90	
SFT260				OC140					
SFT261	G	N	SE	(AC127)	ASY75	2N1091		25C91	
SFT264	G	P	NU	AD132IV	AD211	T13030			
SFT264				AUY28					
SFT265	G	P	NU	AD132H1	AD103	2N1146			
SFT265				AD133	AD211				
SFT266	G	P	NU	AD132H1	AD104	2N1146A			
SFT266				ADZ12	AUY21				
SFT267	G	P	NU	AO106	ADZ12	2N1146B			
SFT267				ADZ11					
SFT268	G	P	SE						
SFT268	G	P	NU,ML,S,SE	(AC152V)	ASY27	2N1100 T13030	2N1309		
SFT298	G	P	NU,ML,S,SE	(AC152V)	ASY27				
SFT306	G	P	NU	AF185	AC163	2N506	2N218	25B459	
SFT306				AFY15	AF101			25A12	
SFT306				AC126					
SFT307	G	P	NU	AF185	AC121IV	2N409		25A12	
SFT307				AFY15	AF187				
SFT308				GFT45					
SFT308	G	P	NU	AF185	AC151	2N112		25A12	
SFT308				AFY15	AF190				
SFT308				OC613	AF101				
SFT315	G	P	NU	AF118	ASZ20	2N2207			
SFT316	G	P	NU,ML,S,SE	AF185	AF132	2N247		25A215	
SFT316				AF137	(AF127)				
SFT316b	G	P	SE	AF126	AF138				
SFT316v	G	P	SE	AF126	AF138				
SFT317	G	P	NU,ML,S,SE	(AF126)	AF185	2N1178	2N372	25A81	
SFT317				AF125	AF137				
SFT317				AF135	AF138				
SFT319	G	P	NU,ML,S,SE	(AF126)	AF185	2N373		25A82	
SFT319				AF133	AF138				
SFT319b	G	P	SE	AF126	AF137				
SFT319v	G	P	SE	AF126	AF137				
SFT320	G	P	NU,ML,S,SE	(AF127)	AF185	2N374		25A83	
SFT320				AF200	AF137				
SFT320				AF131	AF135				
SFT320				AF126					
SFT321	G	P	NU,ML,S,SE	AC152IV	AC126	2N464	2N1305	25B76	
SFT321				AC128	AC125				
SFT321				AC152III	AC131				
SFT322	G	P	S,ML,NU	AC126	AC128	2N464		25B76	
SFT322				AC131	AC152IV				
SFT322				AC126					
SFT323	G	P	NU,ML,S,SE	AC152VI	AC126	2N408		25B78	
SFT323				AC128	AC152IV				
SFT323				AC131	AC125				
SFT323				AC132					
SFT325	G	P	NU,SE	AC152VII	AC128				
SFT325				AC131					
SFT335	G	P	SE	AC125					
SFT337	G	P	NU,SE	AC151V	AC126				
SFT337				AC151-V	AC151V				
SFT337				AC150	AC180				
SFT351	G	P	NU	AC126	AC151IV	2N2429	2N63	25B75	
SFT351				AC125	AC122r				
SFT351				AC131					
SFT352	G	P	NU,ML,S,SE	AC151IV	AC126	2N2429	2N591	25B120	
SFT352				AC162	AC122r				
SFT352				AC125	AC131				
SFT352FB	G	P	SE	AC107	AC150				
SFT352FB				OC803					
SFT353	G	P	NU,ML,S,SE	AC151V	AC126	2N2429			
SFT353				AC163	AC122r				
SFT353				AC151	AC125				
SFT353/1	G	P	SE	AC151V	AC151V				
SFT353/2	G	P	SE	AC151VII	AC151				

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
SFT363FB	G	P	SE	AL107	AL150				
SFT363FB	G	P	SE	OC803					
SFT354	G	P	Sl, ML, NU	AF185	AF125	2N1110		2SA156	
SFT354	G	P	Sl, ML, NU	AF138	AC132				
SFT357	G	P	Sl, ML, NU	AF178	AF125	2N2495	2N1178	2SA156	
SFT357	G	P	NU	AF135	AF133	2N299		2SA105	
SFT357P	G	P	NU	AF118	AF125	2N2207			
SFT357P	G	P	NU	AF135					
SFT358	G	P	Sl, ML, NU	AF178	AF125	2N2495	2N1110	2SA156	
SFT358	G	P	Sl, ML, NU	AF134	AF135	2N299		2SA105	
SFT367	G	P	NU, SE	AC153VII	AC153	2N1924		2S83708	
SFT367	G	P	NU, SE	AC131					
SFT377	G	N	NU, SE	AC176	AC185				
SFT377	G	N	NU, SE	AC127					
SFT443	S	N	SE	BSX47-6)					
SFT522	G	N	SE	AC127					
SFT522	G	P	SE	AC128	AC132	2N2431			
SFT714	S	N	SE	BC237A					
SFT714A	S	N	SE	BC237A					
SFT715	S	N	SE	BC237B					
SFT715A	S	N	SE	BC237B					
SK3003	G	P	RC	AC126	AC128	2N2429	2N2431		
SK3004	G	P	RC	AC126	AC128	2N2429	2N2431		
SK3005	G	P	RC	AF185					
SK3005	G	P	RC	AF178		2N2495			
SK3007	G	P	RC	AF178		2N2495			
SK3008	G	P	RC	AF185					
SK3009	G	P	RC	AD149		2N2836			
SK3010	G	N	RC	AC127		2N2430			
SK3012	G	P	RC	AD149		2N2836			
SK3013	G	P	RC	AD149					
SK3014	G	P	RC	AD149		2N2836			
SK3015	G	P	RC	AD149					
SO88	G	P		AC128		2N2431			
SP8A	G	P		AC128		2N2429			
SP88	G	P		AC128		2N2429			
SP8C	G	P		AC126		2N2429			
SP8400	S	N	SG	BSX47-10					
SP8401	S	N	SG	BSX44-10					
SP8402	S	N	SG	BSX44-6					
SPC410	S	N	SU			RCA410			
SPC411	S	N	SU			RCA411			
SPC413	S	N	SU			RCA413			
SPC423	S	N	SU			RCA423			
SPC431	S	N	SU			RCA431			
ST5	G	P		AD149	AD148	2N2836	2N376		
ST5	G	P		OC30					
ST28C	G	P		AF185	AF117	2N308			
ST28C	G	P		AF127					
ST36	G	P		AD149	AD131	2N2836	2N301		
ST36	G	P		OC28					
ST370	G	P		AF185	AF117	2N252			
ST370	G	P		AF126					
ST121	G	P		AC126	AC125	2N2429	2N47		
ST121	G	P		AC163					
ST122	G	P		AC128	AC117	2N2431	2N43		
ST122	G	P		AC153					
ST123	G	P		AC126	AC122	2N2429	2N65		
ST123	G	P		AC163					
ST124	G	P		AC126	AC125	2N2429			
ST125	G	P		AC126		2N2429			
ST162	G	P		AF101	AF116				
ST162	G	P		OG812					
OC183	G	P		AF101	AF117				
ST163	G	P		OC418					
ST171	G	P		AF185	AF117	2N308			
ST172	G	P		AF185	AC117	2N386			
ST172	G	P		AF126					
ST173	G	P		AF101	AF117				
ST173	G	P		OG813					
ST301	G	P		AC126	AC122	2N2429	2N34		
ST301	G	P		AC163					
ST302	G	P		AC126	AC122	2N2429	2N77		
ST302	G	P		AC163					
ST303	G	P		AC128	AC125	2N2429	2N81		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
ST303				AC163			
ST722	S	N		Z722			
ST723	S	N		Z722			
ST724	S	N		Z723			
STC1015	S	N		BLY17			
STC1016	S	N		BLY17			
STC1024	S	N		BLY17			
STC1400	S	N		BLY17			
STPT40	P				LS400		
STPT60	P				L8600		
STPT300	P				TIL81*		
STPT310	P				TIL81*		
STS410	S	N			RCA410		
STS411	S	N			RCA411		
STS413	S	N			RCA413		
STS423	S	N			RCA423		
STS431	S	N			RCA431		
SU2028	J	N	IL		2N3934		
SU2029	J	N	IL		2N5197		
SU2030	J	N	IL		2N3935		
SU2001	J	N	IL		2N5198		
SU2002	J	N	IL		2N5545	2N5197	
SU2033	J	N	IL		2N5545		
SU2034	J	N	IL		2N5547		
SU2035	J	N	IL		2N5547		
SU2074	J	N	Ti		2N5545		
SU2075	J	N	Ti		2N5545		
SU2076	J	N	Ti		2N5545		
SU2077	J	N	Ti		2N5547		
SU2078	J	N	Ti		2N5547	2N4083	
SU2079	J	N	Ti		2N5547	2N4083	
SU2080	J	N	Ti		2N5547	2N4085	
SU2081	J	N	Ti		2N5547	2N4085	
SU2098	J	N	Ti, IL		2N5545		
SU2098A	J	N	Ti, IL		2N5545		
SU2098B	J	N	Ti, IL		2N5198		
SU2099	J	N	Ti, IL		2N5547	2N3955	
SU2099A	J	N	Ti, IL		2N5547	2N5198	
SU2385	J	N	Ti		2N3954		
SU2385A	J	N	Ti		2N5197		
SU2386	J	N	Ti		2N3454		
SU2386A	J	N	Ti		2N5197		
SU2387	J	N	Ti		2N5198		
SU2387A	J	N	Ti		2N5198		
SU2388	J	N	Ti		2N3955		
SU2388A	J	N	Ti		2N5198		
SU2389	J	N	Ti		2N5199		
SU2389A	J	N	Ti		2N5199		
SU2410	J	N	Ti		TD5807		
SU2411	J	N	Ti		TD5808		
SU2412	J	N	Ti		TD5809		
T34A	G	P		OC85			
T34B	G	P		OC85			
T34C	G	P		OC85			
T34D	G	P		AC128	AC132	2N2431	2N281
T34E	G	P		OC72			
T34F	G	P		AC128	AC132	2N2431	2N281
T34F	G	P		OC72			
T85	G	P		AC126		2N2429	
T1040	G	P		AD149	OC26	2N2836	
T1041	G	P		AD149	OC26	2N2836	
T1159	G	P		AC128	AC132	2N2431	
T1360	G	P		AF185	AF125		
T1361	G	P		AF185	AF125		
T1389	G	P		AD149		2N2836	
T1375	G	P		AF185	AF125		
T1376	G	P		AC128		2N2431	
T1377	G	P		AC128		2N2431	
T1390	G	P		AF185	AF126		
T1482	S	N	Tx			40311	
T1484	S	N	Tx			2N697	
T1492	S	N	Tx			40407	
T1493	S	N	Tx			2N1813	

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN	JAPANESE	USE
T1494	S	N	TX			40320		
T1675	G	P		AF185	AF125			
T1690	G	P		AF186	AF125			
T1691	G	P		AF178	AF124	2N2495		
T1692	G	P		AF185	AF126			
T1693	G	P		AFZ12				
T1694	G	P		AFZ12				
T1695	G	P		AF178	AFZ12	2N2495		
T1696	G	P		AFZ12				
T1727	G	P		AF185	AF126			
T1737	G	P		AF185	AF125			
T1814	G	P		AF185	AF125			
T1832	G	P		AC126				
T1833	G	P		AC126				
T2024	G	P		AC126				
T2028	G	P		AC126				
T2030	G	P		AC126				
T2079	G	P		AF178		2N2495		
T2384	G	P		AF185	AF178	2N2495		
T2399	G	P		AF178		2N2495		
T2400	G	P		AF185				
T2478	S	N					2N706A	
TD5902	J	N	TI				U248	
TD5902A	J	N	TI				U248	
TD5903	J	N	TI				U249	
TD5903A	J	N	TI				U249	
TD5904	J	N	TI				U250	
TD5904A	J	N	TI				U250	
TD5905	J	N	TI				U251	
TD5905A	J	N	TI				U251	
TD5906	J	N	TI				U248A	
TD5906A	J	N	TI				U248A	
TD5907	J	N	TI				U248A	
TD5907A	J	N	TI				U249A	
TD5908	J	N	TI				U250A	
TD5908A	J	N	TI				U250A	
TD5909	J	N	TI				U251A	
TD5909A	J	N	TI				U251A	
TD5911	J	N	TI				U252	
TD5911A	J	N	TI				U252	
TD5912	J	N	TI				U253	
TD5912A	J	N	TI				U253	
TF49	G	P	S	ASY27	AF101	2N218	2N1307	25A12
TF49	G	P	S	ASY26				
TF65	G	P	S	AC128	AC125	2N2429		
TF65	G	P	S	AC151-				
TF65b	G	P	S	AC151V	AC122ye			
TF65b	G	P	S	AC125				
TF65br	G	P	S	AC151VII	AC122w			
TF65br	G	P	S	AC122v				
TF65gn	G	P	S	AC151V	AC122ye			
TF65gn	G	P	S	AC125	AC122			
TF65gn	G	P	S	OC71	OC604			
TF65gr	G	P	S	AC151VI	AC122ye			
TF65gr	G	P	S	AC125	AC125			
TF65or	G	P	S	AC151IV	AC122r	2N1190	2N238	25B458
TF65or	G	P	S	AC125				
TF65r	G	P	S	AC151IV	AC122r	2N1190	2N238	25B456
TF65r	G	P	S	AC125	AC122	2N63		25B22C
TF65v	G	P	S	AC151VI	AC122ye	2N266		25B21E
TF65v	G	P	S	AC125				
TF65ve	G	P	S	AC151IV	AC122r	2N1190	2N238	25B45D
TF65ve	G	P	S	AC125	AC122	2N190		25B10T
TF65/30	G	P	S	AC125	AC151	2N2429		
TF65/30	G	P	S	OC71	OC604			
TF65/30gn	G	P	S	AC122	GFT25	2N38		25B10T
TF65/30gn	G	P	S	OC71				
TF65/30gr	G	P	S	AC122	OC304/I	2N89		25B10T
TF65/30gr	G	P	S	OC802ye				
TF65/30r	G	P	S	AC122	AC125	2N63		25B22C
TF65/30r	G	P	S	OC802r				
TF65/30v	G	P	S	AC122	OC304/III	2N266		25B219
TF65/30v	G	P	S	OC604w				
TF65/60	G	P	S	ASY23	ASY77			
TF65/60	G	P	S	OC77				

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
TF65M	G	P	S	AC125	OC71		
TF65/30M	G	P	S	OC71			
TF65/60M	G	P	S	OC77			
TF66	G	P	S	AC131	AC152	2N44	2N1303
TF66				ASY70			2S8220
TF66I	G	P	S	AC128	AC152IV	2N2431	2N4108
TF66I				AC131v			
TF66II	G	P	S	AC128	AC152V	2N2431	2N4108
TF66II				AC131ve			
TF66III	G	P	S	AC128	AC152VI	2N2431	2N610
TF66III				AC131gr			
TF66/30	G	P	S	AC128	AC152	2N2431	2N1924
TF66/30				AC131/30	AC117		2S8156
TF66/60	G	P	S	ASY48IV	AC128	2N238	2S8222
TF66/60				ASY81	AC128	2N241	2S889
TF66/60				ASY77	AS210		
TF68	G	P	S	AF185	AF126		
TF68				OC44			
TF69/30	G	P	S	AC128		2N2431	
TF70	G	N	S	ASY73	DC139		
TF71	G	N	S	ASY70	OC140		
TF72	G	N	S	ASY74	OC140		
TF75	G	P	S	AC128	OC72	2N2431	
TF77	G	P	S	AC128	AC126	2N2431	
TF77				OC74			
TF77/30	G	P	S	AC128	OC74	2N2431	
TF77/30				OD603			
TF77/70	G	P	S	AS215	OC28		
TF78	G	P	S	AD149	OC80	2N2836	2S886
TF78/30	G	P	S	AD149			
TF78/30				OD603			
TF78/60	G	P	S	AD131	AS215		
TF78/60				OD603/50			
TF80	G	P		AD149	DC26	2N2836	
TF80				OC30			
TF80/30	G	P	S	AD149	AD130	2N2836	T13029
TF80/30				AD160	AD153	2N1196	2S8337
TF80/60	G	P		AD131	AD138/50	T13039	2S8471
TF80/60				AD149	AS216		2S886
TF80/80	G	P	S	AD132	AUY28	2N2065	2S8472
TF80/80				AD149	AS215		
TF81/30	G	P	S	AD149		2N2836	
TF85	G	P	S	AD149	OC26	2N2836	
TF90	G	P	S	AD149	AD133	2N2836	
TF90				AD137	OC26		
TF90/30	G	P	S	AD149	AD133	2N2836	
TF90/30				AUY21	AD153		
TF90/30				AD211			
TF90/60	G	P		AUY22	AD149		
TF90/60				AD212	OC26		
TF260	S	N	S	BC107	BC197	2N3568	2N2921
TF260				BC182A			2S453
THP44	G	P		AC128	AC132	2N2431	
THP45	G	P		AD149		2N2836	
THP46	G	P		AD149		2N2836	
THP47	G	P		AS217			
THP50	G	P		AD149		2N2836	
THP51	G	P		AD149		2N2836	
THP52	G	P		AD149		2N2836	
T13027	G	P	TX	AS216	AUY22IV	T13028	2S8339
T13027				AD138/50			
T13028	G	P	TX	AS215	AUY22III	T13029	2S8341
T13028				AUY28			
T13029	G	P	TX	AS215	AUY22III	T13030	
T13029				AUY28			
T13030	G	P	TX	AS215	AUY22III	T13031	
T13030				AUY28			
T13031	G	P	TX	AS215	AUY22III		2S8341
T13031				AUY28			
TIP29	S	N	TX, F	BD239	BD437	SDA345	2N6121
TIP29				BD131		RCA29	
TIP29A	S	N	TX, F	BD439	BD239A	SDA345	2N6122
TIP29A				BD137		RCA29A	

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
TIP298	S	N	TX, F	8D441	8D2398	2N6123	RCA298		
TIP29C	S	N	TX, F	(8D441)	8D239C	2N6123	RCA29C		
TIP30	S	P	TX, F	8D438	8D240	5DA445	RCA30		
TIP30A	S	P	TX, F	8D132 8D440	8D240A	5DA445	RCA30A		
TIP30A				8D138					
TIP30B	S	P	TX, F	8D442	8D240B	RCA30B			
TIP30C	S	P	TX, F	(8D442)	8D240C	RCA30C			
TIP31	S	N	TX, F	8D437	8D241	5DA345	2N6121		
TIP31				8D131		RCA31			
TIP31A	S	N	TX, F	8D439	8D241A	5D8345	2N6122		
TIP31A						RCA31A			
TIP31B	S	N	TX, F	8D441	8D241B	2N6123	RCA31B		
TIP31C	S	N	TX, F	(8D441)	8D241C	2N6123	RCA31C		
TIP32	S	P	TX, F	8D242	8D438	5DA445	2N6124		
TIP32				8D132		RCA32			
TIP32A	S	P	TX, F	8D440	8D242A	5D8445	2N6125		
TIP32A						RCA32A			
TIP32B	S	P	TX, F	8D442	8D242B	2N6125	RCA32B		
TIP32B						2N2126			
TIP32C	S	P	TX, F	(8D442)	8D242C	2N6126	RCA32C		
TIP33	S	N	TX	8D242	8DY38	2N6127	2N6127		
TIP33A	S	N	TX	8D245A	AM291	2N3715	2N6487		
TIP33A				8D245B		2N3055	2N613C		
TIP33B	S	N	TX	8D245B		2N3716	2N6488		
TIP33B						2N6131			
TIP33C	S	N	TX	8D245C		2N5629	2N6131		
TIP34	S	P	TX	8D246		2N6489	2N6132		
TIP34A	S	P	TX	8D246A		2N3791	2N6490		
TIP34A						2N6133			
TIP34B	S	P	TX	8D246B		2N3792	2N6491		
TIP34B						2N6134			
TIP34C	S	P	TX	8D246C		2N6020	2N6134		
TIP35	S	N	TX	8D249		2N5301			
TIP35A	S	N	TX	8D249A		2N5302			
TIP35B	S	N	TX	8D249B		2N5303			
TIP35C	S	N	TX	8D249C					
TIP36	S	P	TX	8D250		2N4398			
TIP36A	S	P	TX	8D250A		2N4399			
TIP36B	S	P	TX	8D250B		MS4502			
TIP36C	S	P	TX	8D250C					
TIP41	S	N	TX, F	(8D437)	8D243	2N6129	2N6121		
TIP41						RCA41			
TIP41A	S	N	TX, F	(8D438)	8D243A	2N6130	2N6122		
TIP41A						RCA41A			
TIP41B	S	N	TX, F	(8D441)	8D243B	2N6131	2N6123		
TIP41B						RCA41B			
TIP41C	S	N	TX, F	(8D441)	8D243C	2N6123	2N6131		
TIP41C						RCA41C			
TIP42	S	P	TX, F	(8D438)	8D244	2N6132	2N6124		
TIP42									
TIP42A	S	P	TX, F	(8D440)	8D244A	RCA42			
TIP42A						2N6125	2N6133		
TIP42B	S	P	TX, F	(8D442)	8D244B	RCA42A			
TIP42B						2N6134	2N6126		
TIP42B						RCA42B			
TIP42C	S	P	TX, F	(8D442)	8D244C	2N6126	2N6134		
TIP42C						RCA42C			
TIP47	S	N	TX			F147	TA8863C		
TIP48	S	N	TX			F148	TA8863B		
TIP49	S	N	TX			F149	TA8863A		
TIP50	S	N	TX			FT50	TA8863A		
TIP51	S	N	TX	(8UY77)		2N5838			
TIP52	S	N	TX	(8UY78)		FT401			
TIP53	S	N	TX	(8UY79)		2N5840			
TIP54	S	N	TX	(8UY79)					
TIP110	S	N	TX, F	8D338A	8D677	SE9300			
TIP111	S	N	TX, F	8D338B	8D679	SE9301			
TIP112	S	N	TX, F	8D338C	(8D679)	SE9302			
TIP115	S	P	TX, F	8D334A	8D678				
TIP116	S	P	TX, F	8D334B	8D680				
TIP117	S	P	TX, F	8D334C	(8D680)				
TIP120	S	N	TX, F	8D333A	8D645	SE9300	TIP121		
TIP121	S	N	TX, F	8D333B	8D647	SE9301	TIP122		
TIP122	S	N	TX, F	8D333C	8D649	SE9302			
TIP125	S	P	TX, F	8D334A	8D646	TIP126			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
TIP126	S	P	F X F	BDX348	80648	TIP127	
TIP127	S	P	F X, F	BDX34C	80650		
TIP140	S	N	TX			SE9300	
TIP141	S	N	TX			SE9301	SE9303
TIP142	S	N	TX			SE9302	SE9305
TIP145	S	P	TX			SE9400	
TIP146	S	P	TX			SE9401	
TIP147	S	P	TX			SE9402	
TIP501	S	N	TX			2N5321	
TIP502	S	N	TX			2N5320	
TIP503	S	N	TX			2N3441	
TIP504	S	N	TX			2N3441	
TIP509	S	N	TX	BUY55			
TIP510	S	N	TX	BUY56			
TIP515	S	N	TX	(BUY57)			
TIP516	S	N	TX	(BUY58)			
TIP525	S	N	TX	BUY27A	BUY 72		
TIP530	S	N	TX	(BUY78)		SE9052	
TIP531	S	N	TX	(BUY75)		2N6250	
TIP532	S	N	TX	(BUY76)			
TIP535	S	N	TX	BUY17A	BUY 74		
TIP536	S	N	TX	BUY75			
TIP537	S	N	TX	BUY 76			
TIP538	S	N	TX	(BUY74)		2N6250	
TIP539	S	N	TX	(BUY75)		2N6250	
TIP540	S	N	TX	(BUY 76)			
TIP544	S	P	TX			2N6248	
TIP546	S	P	TX			2N6469	
TIP640	S	N	TX			SE9303	
TIP641	S	N	TX			SE9304	
TIP642	S	N	TX			SE9305	
TIP2955	S	P	TX			F T2955	408/8
TIP3054	S	N	TX			RCA3054	
TIP3055	S	N	TX	A1291	BDX10	F T3055	RCA3055
TIP3055						2N3055	2N6931
TIP3055						2N6099	
TIP5530	S	P	TX			TIP2956	
TIS05	S	P	TX			2N5462	2N5465
TIS14	J	N	TX			2N4220A	2N4222A
TIS14						2N4224	
TIS25	J	N	TX			2N5046	2N5197
TIS26	J	N	TX			2N5046	2N5198
TIS27	J	N	TX			2N5047	2N5499
TIS34	J	N	NS, TX	8F 256		2N5486	2N5248
TIS34						2N3823	
TIS37	S	P	TX	BC308V1		EN3905	2N3905
TIS38	S	P	TX	BC308V1		EN3905	2N3905
TIS39	S	N	TX			2N4874	
TIS41	J	N	IL, TX			MFE2009	2N4859
TIS42	J	N	TX			2N4092	2N4093
TIS42						U1898E	
TIS43	U	P	TX				
TIS56	S	N	TX				
TIS57	S	N	TX			U1557	
TIS58	J	N	NS, TX			U1556	
TIS58						2N5458	2N4302
TIS59	J	N	TX			2N5670	U1897E
TIS62	S	N	TX			2N3563	2N5770
TIS63	S	N	TX			2N5770	2N3563
TIS64	S	N	TX			2N3563	2N5770
TIS69	J	N	TX				
TIS70	J	N	TX				
TIS73	J	N	IL, NS, TX			2N5638	U1897E
TIS74	J	N	IL, NS, TX			2N5639	U1898E
TIS75	J	N	IL, NS, TX			2N5640	U1898E
TIS78	J	N	TX			2N5543	
TIS79	J	N	TX				
TIS84	S	N	TX			2N5544	
TIS85	S	N	TX				
TIS86	S	N	TX				
TIS86						SE5030A	SE5030B
TIS86						PE5030B	
TIS87	S	N	TX				
TIS87						SE5030A	SE5030B
TIS87						PE3050B	
TIS88	J	N	TX			2N5486	
TIS90	S	N	TX			2N4946	2N4401
TIS90M	S	N	TX			SE8040	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
T1501	S	P	TX		2N3644	2N4403	
T1591M	S	P	TX		SE8540		
T1592	S	N	TX		2N4946	2N4401	
T1592M	S	N	TX		SE8040		
T1593	S	P	TX		2N3644	2N4403	
T1593M	S	P	TX		SE8540		
T1X511	M	P	TX		2N4352		
T1X533	J	N	TX		MFE2009	2N4860	
T1X535	J	N	TX		T1X36		
T1X536	J	N	TX				
T1X539	S	N	TX	BFV17	BFY39	2N918	
T1X539				BFW17			
T1X541	J	N	TX		MFE2009	2N4391	
T1X542	J	N	TX		MFE2004	2N4092	
T1X567	M	P	TX		2N4352		
T1X578	J	N	TX		3N126		
T1X579	J	N	TX		3N126		
T1X580	J	N	TX				
T1X581	J	N	TX		T1X580		
TJ320	G	P		AC126	2N2429		
TJ363	G	P		AF185			
TJ364	G	P		AF185			
TJ385	G	P		AF185			
TJ386	G	P		AF185			
TJ387	G	P		AF185			
TJ388	G	P		AF185			
TJ389	G	P		AF185			
TJ397	G	P		AF185			
TJ398	G	P		AF185			
TJ399	G	P		AF185			
TJN1	G	P		AC126	2N2429		
TJN18	G	P		AC126	2N2429		
TJN2F	G	P		AC126	2N2429		
TJN2FB	G	P		AC126	2N2429		
TJN2G	G	P		AC126	2N2429		
TJN2GB	G	P		AC126	2N2429		
TJN3	G	P		AC126	2N2429		
TJN4	G	P		AC126	2N2429		
TJN300/2	G	P		AD149	2N2836		
TJN300/2A	G	P		AD149	2N2836		
TK208	G	P		V6/4R2			
TK218	G	P		V6/2R3			
TK23	G	P		ACY31			
TK23A	G	P		GET104	NKT217		
TK23A				NKT227			
TK23C	G	P		NKT217	NKT227		
TK24	G	P		ASY64			
TK24B	G	P		V6/2R4			
TK25	G	P		ASY60			
TK25B	G	P		V6/8R			
TK26B	G	P		V6/2R3			
TK278	G	P		V6/2R4			
TK28	G	P		ASY63			
TK28B	G	P		V6/2R4			
TK30C	G	P		NKT126	2G301		
TK30D	G	P		NKT126			
TK31	G	P		ASY56	2G302		
TK31C	G	P		NKT125			
TK31D	G	P		NKT125			
TK35	G	P		ASY56			
TK36	G	P		ASY57			
TK37	G	P		ASY58			
TK38	G	P		ASY59			
TK40	G	P		AC126	ACY30		
TK40A	G	P		GET102	NKT213		
TK40A				NKT223			
TK40C	G	P		AC156	NKT213		
TK40C				NKT223			
TK41	G	P		AC128	ACY27		
TK41C	G	P		NKT214	NKT224		
TK42	G	P		ACY28			
TK42C	G	P		AC156	NKT213		
TK42C				NKT223			
TK45	G	P		ACY29	NKT216		
TK45				NKT226			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
TK46	G	G	P	ASY50			
TK46C	G	G	P	NKT215	NKT225		
TK47C	G	G	P	NKT215	NKT225		
TK48C	G	G	P	NKT217	NKT227		
TK49	G	G	N	ASY53			
TK49C	G	G	N	NKT713			
TK400A	G	G	P	NKT404			
TK401A	G	G	P	NKT401			
TK402A	G	G	P	NKT402			
TN4117	J	N	SP,TI		MFE2093	2N5647	
TN4117A	J	N	SP,TI		MFE2093	U1714	
TN4118	J	N	SP,TI		MFE2094	2N5648	
TN4118A	J	N	SP,TI		MFE2094	U1714	
TN4119	J	N	TI		2N5649		
TN4119A	J	N	SP,TI		MFE2095	U1714	
TN4338	J	N			2N4220A		
TN4339	J	N			2N4220A		
TN4340	J	N			2N4220A		
TN4341	J	N			2N4221A		
TP5114	J	P	SP		2N3993	2N6018	
TP5115	J	P	SP		2N3993	2N5018	
TP5116	J	P	SP		2N3993	2N5018	
TR722	G	P	IC,Si	OC58			
TR780	G	P	St	AF185		2N520	
TR781	G	P	St	AF185		2N521	
TR802	G	P	St	AF127			
TRC44	G	P	St	AF185	AF126		
TRC45	G	P	St	AF185	AF127		
TRC65	G	P	St	AC125			
TRC66	G	P	St	AC126			
TRC70	G	P	St	AC126	AC125	2N2429	
TRC71	G	P	St	AC126	AC125	2N2429	
TRC72	G	P	St	AC128	AC132	2N2431	
TRC76	G	P	St	ASY78	OC78		
TRC77	G	P	St	ASY77	OC77		
TRC360	G	P	St	OC58	OC65		
TRC601	G	P	St	AC126	AC126	2N2429	
TRC601	G	P	St	OC70			
TRC602	G	P	St	AC126	AC125	2N2429	
TRC602	G	P	St	OC71			
TS1	G	P		AF185			
TS2	G	P		AF185			
TS3	G	P		AF185			
TS7	G	P		AF185			
TS8	G	P		AF185			
TS9	G	P		AC128		2N2431	
TS13	G	P		AC126		2N2429	
TS14	G	P		AC126		2N2429	
TS161	G	P		2-AC128	2-AC132		
TS161	G	P		2-OC72			
TS162	G	P		AC126	AC125	2N2429	
TS162	G	P		OC71			
TS163	G	P		AC126	AC125	2N2429	
TS163	G	P		OC71			
TS164	G	P		AC126	AC125	2N2429	
TS164	G	P		OC71			
TS165	G	P		AC126	OC72	2N2429	2N281
TS186	G	P		AC126	AC125	2N2429	
TS176	G	P		AD149	OC70	2N2836	2N2429
TS306	G	P		AC128		2N2431	2N2836
TS620	G	P		OC58	OC65	2N2431	
TS620	G	P		OC66			
TS621	G	P		OC58	OC65		
TS621	G	P		OC70			
TS739	G	P		AC126		2N2429	
TS739B	G	P		AF185			
TS740	G	P		AC129			
TS2218	S	N	TX,IT			2N1613	
TS2219	S	N	TX,IT			2N1711	
TS2904	S	P	TX,IT			40406	
U110	J	P	IL,SX,TI			2N5414	
U112	J	P	IL,SX,NS,TI			2N5478	
U133	J	P	IL,SX			2N5475	
U146	J	P	IL,SX,TI			2N3909	
U147	J	P	IL,SX,TI			2N3909	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
U148	J	P	IL,SX,11		2N3909		
U149	J	P	IL,SX,NS,TI		2N3330		
U158	J	P	IL		2N2608	2N3330	
U182	J	N	SX		2N4092	2N4860	
U182					2N3970		
U183	J	N	IL,SX		MFE3001	2N3458	
U183					2N3823		
U184	J	N	IL,SX		MFE2001	2N4416	
U184					2N3823		
U187	J	N			2N3460	TN4328	
U198	J	N	IL,SX		2N3437	2N3459	
U198					TN4340		
U199	J	N	IL,SX		2N3436	2N3458	
U199					TN4341		
U200	J	N	IL,SX		MFE2004	2N5549	
U200					2N4092		
U201	J	N	IL,SX		MFE2005	2N4861	
U201					2N4091		
U202	J	N	IL,SX		MFE2006	2N4860	
U202					2N4092		
U205			SX		MMF1	MMF2	
U206			SX		MMF3	MMF4	
U207			SX		MMF5	MMF6	
U221	J	N	SX		2N4092		
U222	J	N	SX		2N4856		
U231	J	N	IL,SX		2N5545	2N3954	
U232	J	N	IL,SX		2N5546	2N3955	
U233	J	N	IL,SX		2N5547	2N3956	
U234	J	N	IL,SX		2N5547	2N3957	
U235	J	N	IL,SX		2N5045	2N3958	
U240	J	N	IL,SX		MFE2012	SFC1783	
U240					2N4445		
U241	J	N	IL,SX		MFE2012	SFC1785	
U241					2N4446		
U242	J	N	IL,SX		MFE2012	SFC1783	
U242					2N4447		
U243	J	N	IL,SX		MFE2011	SFC1786	
U243					2N4448		
U244	J	N	SX		MFE2012		
U254	J	N			2N4859		
U255	J	N			2N4860		
U256	J	N			2N4861		
U257	J	N	IL,SX		2N5047	TO5012	
U266	J	N	SX		MFE2012		
U273A	J	N	SX		2N4220		
U274A	J	N	SX		2N4220		
U275	J	N	SX		2N4220		
U275A	J	N	SX		2N4220		
U290	J	N	SX		MFE2012		
U291	J	N	SX		MFE2012		
U300	J	P	SX		2N3993		
U301	J	P	SX		2N3993		
U304	J	P	SX		2N3993		
U305	J	P	SX		2N3993		
U306	J	P	SX		2N3993		
U308	J	P	SX		2N4416		
U309	J	N	SX		2N4416		
U311	J	N	SX		2N4416		
U312	J	N	SX		2N4416		
U314	J	N	SX		2N5484		
U316	J	N	SX		2N5486		
U320	J	N	SX		2N4391		
U321	J	N	SX		2N4391		
U322	J	N	SX		2N4391		
U1177	J	N	SX		2N4220A	MFE2095	
U1178	J	N	SX		MFE2093	MFE2094	
U1179	J	N	SX		MFE2093		
U1180	J	N	SX		2N4221A		
U1181	J	N	SX		2N4220A		
U1182	J	N	SX		MFE2093		
U1277	J	N	IL,TI		MFE2095	2N5361	
U1277					2N3822		
U1278	J	N			2N5359	2N3821	
U1279	J	N	IL,TI		MFE2093	2N5362	
U1279					2N3821		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
U1280	J	N	IL,TI		MFE2093	MFE2095	
U1280	J	N	IL,TI		2N5359	2N4224	
U1281	J	N	IL,TI		2N5549	2N3822	
U1282	J	N	IL,TI		2N3822	2N3458	
U1282					TN4341		
U1283	J	N	IL,TI		2N3822	2N3459	
U1283					TN4340		
U1284	J	N	IL,TI		2N3821	2N3822	
U1284					2N3458	2N3069	
U1285	J	N	IL,TI		MFE2093	2N3453	
U1286	J	N	IL,TI		2N3821	2N3459	
U1286					2N3069		
U1287	J	N	1L		2N4860	2N4092	
U1321	J	N			2N3968	2N4221	
U1322	J	N	SX		2N4222A	2N3459	
U1322					2N4221A		
U1322	J	N			2N3459	2N4221A	
U1324	J	N			2N5362	2N4220A	
U1325	J	N	IL,TI		2N4220A		
U1714	J	N	IL,TI		2N4220A	2N3459	
U1714					TN4340		
U1715	J	N	T1		2N5803	2N5278	
U1837E	J	N	IL,NS,TI		2N5486	2N5245	
U1837E					2N5183		
U1897E	J	N	IL,NS,TI		2N5638	T1573	
U1897E					KE4091		
U1898E	J	N	1L,NS,TI		2N5639	T1574	
U1898E					KE4092		
U1899	J	N	SX		2N5640		
U1899E	J	N	NS,IL,TI		T1575	KE4093	
U1894	J	N	SX		2N5486		
U1894E	J	N	IL,NS,TI		2N5245	KE4416	
U2047E	J	N	T1		2N5247	KE4416	
U3000	J	N			2N3459	2N3069	
U3001	J	N	SX		2N3365	2N3459	
U3001					2N3070	2N3071	
U3002			SX		2N3366		
U3003	J	N	SX		2N3367		
U3010	J	N	SX		2N3365	2N3458	
U3010					2N4222		
U3011	J	N	SX		2N3366	2N3459	
U3011					2N4221		
U3012	J	N	SX		2N3367	2N3460	
U3017					2N4220		
UC20	J	N	1L		2N5486	2N5358	
UC20					2N5849		
UC21	J	N	1L		2N5486		
UC23	J	N			2N5486		
UC100	J	N	1L		2N4221A	2N5361	
UC100					2N3822		
UC105	J	N			TN4341		
UC110	J	N	1L		2N4220A	2N5360	
UC110					2N3821		
UC115	J	N	1L		2N3459	TN4340	
UC120	J	N			2N4220A		
UC130	J	N	1L		2N4220A		
UC150	J	N			2N4416		
UC150w	J	N			2N4416		
UC155	J	N	1L,SD		2N3972	2N5364	
UC155					2N4416		
UC155w	J	N	SD		2N5640		
UC200	J	N	1L,SD		2N4393		
UC201	J	N	1L,SD		2N4093	2N5364	
UC201					2N4416		
UC210	J	N	1L,SD		MFE2000	2N5362	
UC210					2N3822		
UC220	J	N	1L,SD		2N4221	2N5360	
UC220					2N3968		
UC240	J	N	1L		2N4221A	2N3459	
UC240					2N5396		
UC241	J	N	1L,SD		2N5361	2N3822	
UC250	J	N	1L,NS,SD		2N4091	2N4391	
UC250					2N3970		
UC251	J	N	1L,NS,SD		2N4093	2N4392	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
UC251					2N3971		
UC300	J	P			2N5267		
UC310	J	P			2N5265		
UC320	J	P			2N5265		
UC330	J	P			2N5473		
UC340	J	P			2N5265		
UC400	J	P	IL,SD		MF E4012	2N3331	
UC400					2N2609		
UC401	J	P	IL,SD		2N3993	2N3994	
UC401					2N5019		
UC410	J	P	IL,SD		MFE4009	2N3330	
UC410					2N2609		
UC420	J	P	IL,SD		MF E4001	2N3329	
UC420					2N5021		
UC450	J	P			2N3993		
UC451	J	P			2N3994		
UC701	J	N			2N4220		
UC703	J	N	IL,SD		2N4220	2N5362	
UC703					2N3822		
UC704	J	N	IL		2N4221A	2N5364	
UC704							
JC705	J	N	IL,SD		2N3822		
UC705					2N4221A	2N5364	
UC707	J	N	IL,SD		2N3824		
UC707					MFE2000	2N4861	
UC714	J	N	IL,NS,SD		2N4091		
UC714A	J	N			2N3437	2N3823	
UC714E	J	N			2N5484		
UC734	J	N	IL,NS,SD		2N5960	U1837E	
UC734E	J	N	IL,NS,SD		2N4224	2N4416	
UC734E					2N5486	2N5245	
UC734E					U1994E		
UC750	J	N			TN4338		
UC751	J	N			2N4091	2N3458	
UC751					TN4340		
UC752	J	N	IL		2N4091		
UC753	J	N	IL		2N4091	2N3458	
UC753					2N4092		
UC754	J	N	IL		2N4091	2N3458	
UC754					TN4340		
UC755	J	N	IL,SD		2N4091	2N3458	
UC755					TN4341		
UC756	J	N	IL,SD		2N4091	2N3458	
UC756					2N4224		
UC805	J	P	SD		2N3330	2N3331	
UC807	J	N	SD		2N3972	2N4861	
UC814	J	P	IL,SD		2N5265	2N3331	
UC851	J	P	IL,SD		2N5265	2N2608	
UC853	J	P	IL		2N5265	2N2607	
UC854	J	P	IL,SD		2N5265	2N2608	
UC855	J	P	IL,SD		2N5265	2N2609	
UC1700	J	P	IL,SD		3N155A		
UC1764	J	P	IL,SD		3N163		
UC2130	J	N	IL		2N5545	2N3954	
UC2132	J	N	IL		2N3956		
UC2134	J	N	IL		2N3956		
UC2136	J	N	IL		2N3958		
UC2138	J	N	IL		2N3958		
UC2139	J	N	IL,SD		2N3958		
UC2147	J	N	IL,SD		2N3958		
UC2148	J	N	IL,SD		2N3958		
UC2149	J	N	IL,SD		2N3958		
V8/1R	G	P		NKT164			
V8/2R	G	P		NKT143	NKT164		
V8/2RC	G	P		NKT164			
V8/2RM	G	P		NKT164			
V8/3R	G	P		NKT164			
V8/3RM	G	P		NKT164			
V8/4R	G	P		NKT163	NKT143		
V8/4RC	G	P		NKT163			
V8/4RM	G	P		NKT162			
V8/6R	G	P		NKT163			
V8/6RM	G	P		NKT162			
V8/8R	G	P		NKT162	NKT142		
V8/8RC	G	P		NKT162			
V8/8RM	G	P		NKT162			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
V6/R2	G	P		NKT164	NKT143		
V6/R4	G	P		NKT163	NKT143		
V6/R4				GET873			
V6/R8	G	P		NKT162	NKT142		
V6/R8				GET874			
V10/16	G	P		AC126		2N2429	
V10/30	G	P		AC126		2N2429	
V10/50	G	P		AC126		2N2429	
V30/20P	G	P		AD149	OC26	2N2836	
V30/30P	G	P		AD149	OC27	2N2836	
V60/10P	G	P		NKT403			
V60/10PD	G	P		NKT403			
V60/20IP	G	P		NKT301			
V60/20P	G	P		NKT403			
V60/20PD	G	P		NKT403			
V60/30P	G	P		NKT403			
V60/30NP	G	P		GET573			
V208	G	P		AD149	OC26	2N2836	
V308	G	P		AD149	OC26	2N2836	
V8701	G	P		V10/50A2			
V8704	G	P		V10/30A2			
V8705	G	P		V10/30A			
V8706	G	P		V10/50A			
V8707	G	P		V6/4R			
V8708	G	P		V6/8R			
V8708	G	P		V10/50A2			
V8710	G	P		V10/50A			
VCR2N	J	N				2N4857	
VCR3P	J	P				TP5115	
VCR4N	J	N				2N5278	
VCR5P	J	P				2N3331	
VCR6P	J	P				2N3330	
VCR7N	J	N				2N4885	
VCR10N	J	N				2N4224	
VCR11N	J	N				TD5921A	
VCR20N	J	N				U1715	
WK5457	J	N	WA			2N5457	
WK5458	J	N	WA			2N5458	
WK5499	J	N	WA			2N5459	
X137	G	P				2N6778	
XA101	G	P		AF186	OC46		
XA102	G	P		AF186	OC44		
XA111	G	P		AF185			
XA112	G	P		AF185			
XA131	G	P		AF178		2N2495	
XA141	G	P		AF178		2N2495	
XA142	G	P		AF178		2N2495	
XA143	G	P		AF178		2N2495	
XA161	G	P		AF178		2N2495	
XB102	G	P		AC126		2N2429	
XB103	G	P		OC58	OC66		
XB103				OC71			
XB104	G	P		AC126		2N2429	
XB112	G	P		AC126		2N2429	
XB113	G	P		AC126		2N2429	
XC101	G	P		AC128	OC72	2N2431	
XC131	G	P		AC128		2N2431	
XC171	G	P		AC128		2N2431	
XF T2	G	P		V10/50A			
XS101	G	P		OC139	V10/25		
XS111	G	P		V6/2R			
Y203A	G	P		XS101			
Y203A2	G	P		XS104			
Y203H8	G	P		XS121			
Y214N2	G	P		XC142			
Y214N5	G	P		XC156			
Y214N6	G	P		XC156			
Y215J1	G	P		XA151			
Y215J2	G	P		XA152			
Y217HA1	G	P		XA141			
Y217HA2	G	P		XA142			
Y217HA3	G	P		XA143			
Y221HB1	G	P		XA161			
Y221HB2	G	P		XA162			
Y222HB	G	P		XB121			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
Y363	G	G	P	AC126	2N2429		
Y482	G	G	P	AF185			
Y483	G	G	P	AF185			
Y485	G	G	P	AF185			
Y633	G	G	P	AC126	2N2431		
ZJ13	G	G	P	AC126	2N2431		
Z54	G	G	P	AF185			
Z55	G	G	P	AF185			
Z58	G	G	P	AF185			
Z512	G	G	P	AC126	2N2431		
Z515	G	G	P	AC126	2N2431		
Z530	G	G	P	AF185			
Z531	G	G	P	AF185			
Z534	G	G	P	AC126	2N2431		
Z535	G	G	P	AF185			
Z536	G	G	P	AF185			
Z538	G	G	P	AC126	2N2431		
Z541	G	G	P	AF185			
Z543	G	G	P	AF185			
Z545	G	G	P	AF185			
Z552	G	G	P	AF185			
Z556	G	G	P	AC126	2N2431		
Z591	G	G	P	AC126	2N2431		
Z5109	G	G	P	AF185			
Z5110	G	G	P	AF185			
Z5112	G	G	P	AF185			
Z5141	G	G	P	AF185			
Z5142	G	G	P	AF185			
ZT20	S	N	FE	BC108A			
ZT21	S	N	FE	BC108A			
ZT22	S	N	FE	BC107A			
ZT23	S	N	FE	BC107A			
ZT24	S	N	FE	BC107A			
ZT40	S	N	FE	BC108A			
ZT41	S	N	FE	BC108A			
ZT42	S	N	FE	BC107A			
ZT43	S	N	FE	BC107A			
ZT44	S	N	FE	BC107A			
ZT60	S	N	FE	BSX45-6			
ZT61	S	N	FE	BSX45-6			
ZT62	S	N	FE	BSX46-6			
ZT63	S	N	FE	BSX46-6			
ZT64	S	N	FE	BSX47-6			
ZT80	S	N	FE	BC338-16			
ZT81	S	N	FE	BC337-16			
ZT82	S	N	FE	BC337-16			
ZT83	S	N	FE	BC337-16			
ZT84	S	N	FE	BC337-16			
ZT86	S	N	FE	(BSX47-6)			
ZT87	S	N	FE	BC338-16			
ZT88	S	N	FE	(BSX47-10)			
ZT89	S	N	FE	(BSX47-10)			
ZT90	S	N	FE	BSX46-10			
ZT91	S	N	FE	BSX47-6			
ZT92	S	N	FE	BSX47-10			
ZT93	S	N	FE	BSX47-6			
ZT94	S	N	FE	BSX45-6			
ZT95	S	N	FE	BSX46-10			
ZT110	S	N	FE	BC338-16			
ZT111	S	N	FE	BC337-16			
ZT112	S	N	FE	BC337-16			
ZT113	S	N	FE	BC337-16			
ZT114	S	N	FE	BC337-16			
ZT116	S	N	FE	(BSX47-6)			
ZT117	S	N	FE	BC338-16			
ZT118	S	N	FE	(BSX47-10)			
ZT119	S	N	FE	(BSX47-10)			
ZT180	S	P	FE	BC326-16			
ZT181	S	P	FE	BC327-16			
ZT182	S	P	FE	BC327-16			
ZT183	S	P	FE	BC327-16			
ZT184	S	P	FE	BC327-16			
ZT187	S	P	FE	BC328-16			
ZT188	S	P	FE	(BC327-16)			
ZT202	S	N	FE	BC108A			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
ZT203	S	P FE		BC108A			
ZT204	S	N FE		BC108A	BSY10		
ZT210	S	P FE		BSV16-6			
ZT211	S	P FE		BSV17-6			
ZT280	S	P FE		BC328-16			
ZT281	S	P FE		BC327-16			
ZT282	S	P FE		BC327-16			
ZT283	S	P FE		BC327-16			
ZT284	S	P FE		BC327-16			
ZT287	S	P FE		BC328-16			
ZT402	S	N FE		BC108A		26731	
ZT403	S	N FE		BC108A			
ZT404	S	N FE		BC108A			
ZT706	S	N FE		BCY34	2N706		
ZT708	S	N FE			2N708	2N2413	
ZT709	S	N FE			2N709		
ZT1420	S	N FE			2N1420		
ZT1479	S	N FE					
ZT1480	S	N FE		BSX45-6			
ZT1481	S	N FE		BSX46-6			
ZT1481	S	N FE		BSX45-6			
ZT1482	S	N FE		BSX46-6			
ZT1483	S	N FE		BSX62-6			
ZT1484	S	N FE		(BSX63-6)			
ZT1405	S	N FE		BSX62-10			
ZT1486	S	N FE		(BSX63-10)			
ZT1487	S	N FE			2N3055		
ZT1488	S	N FE		OT4111	DT4112	2N1488	
ZT1489	S	N FE			2N3055		
ZT1490	S	N FE		DT4121	2N3055	2N1490	
ZT1700	S	N FE		BSX45-6			
ZT1702	S	N FE			2N3055		
ZT1708	S	N FE			2N1708		
ZT2205	S	N FE		BFY26	2N2205		
ZT2206	S	N FE		BFY27	2N2206	2S131	
ZT2270	S	N FF		BFY15	BFY16	2N2270	2S019
ZT2270	S	N FE		OT1521			
ZTX107	S	N FE		BC237	BC107		
ZTX107A	S	N FE		BC237A			
ZTX107B	S	N FE		BC237B			
ZTX108	S	N FE		BC238	BC108		
ZTX108A	S	N FE		BC238A			
ZTX108B	S	N FE		BC238B			
ZTX108C	S	N FE		BC238C			
ZTX109	S	N FE		BC239	BC109		
ZTX109B	S	N FE		BC239B			
ZTX109C	S	N FE		BC239C			
ZTX114	S	N FE		BC413B			
ZTX300	S	N FE		BC338-16	BCW10		
ZTX301	S	N FE		BC337-16	BCW12		
ZTX302	S	N FE		BC337-16	BCW14		
ZTX303	S	N FE		BC337-16	BCW16		
ZTX304	S	N FE		(BC337-16)	BCW18		
ZTX310	S	N FE		BSY63	BSV23	2N706	
ZTX311	S	N FE		BSY63	BSV24		
ZTX311	S	N FE		BSY95A			
ZTX312	S	N FE		(BSY63)	BSV25	2N706A	
ZTX313	S	N FE		(BSY63)	BSV26	2N2369	
ZTX314	S	N FE		(BSY63)	BSV27	2N2369A	
ZTX320	S	N FE		(BFY90)	BSW97	2N918	
ZTX321	S	N FE		(BFY90)			
ZTX325	S	N FE		(BFY90)			
ZTX326	S	N FE		(BFY90)			
ZTX330	S	N FE		BC337-25	BCW20	2N3707	
ZTX331	S	N FE		BC337-16	BCW22	2N929	
ZTX341	S	N FE		(BF457)	BSV28		
ZTX342	S	N FE		18F457	BSV29		
ZTX360	S	N FE		(BSX49)			
ZTX382	S	N FE		BC414B			
ZTX383	S	N FE		BC413B			
ZTX384	S	N FE		BC413B			
ZTX500	S	P FE		BC328-16	BCW11		
ZTX501	S	P FE		BC327-16	BCW13		
ZTX502	S	P FE		BC327-16	BCW15		
ZTX503	S	P FE		BC327-16	BCW17		
ZTX504	S	P FE		(BC327-16)	BCW19		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
ZTX530	S	P	FE	BC327-25			
ZTX531	S	P	FE	BC327-16			
2CY17	G	G	P	ACY17			
2CY18	G	G	P	ACY18			
2CY19	G	G	P	ACY19			
2CY20	G	G	P	ACY20			
2CY21	G	G	P	ACY21			
2CY22	G	G	P	ACY22			
2G101	G	G	P TX	AC221	AC183	2N506	2N2273
2G101	G	G	P TX	AC128	AC128		
2G101	G	G	P TX	AF139	AC171		
2G102	G	G	P TX	AC171	AC128	2N506	2N2273
2G102	G	G	P TX	AC221	AC173		
2G102	G	G	P TX	AC128	AF139		
2G103	G	G	P TX	AC221		2N2273	
2G104	G	G	P TX	AC221		2N2273	
2G106	G	G	P TX	AF124		2N990	
2G106	G	G	P TX	AC128	AC183	2N2429	2S8459
2G108	G	G	P TX	AC171	AC173		
2G109	G	G	P TX	AC128	AC183	2N2429	2S8459
2G109	G	G	P TX	AC171	AC173		
2G110	G	G	P TX	ASZ21		2N2273	
2G136	G	G	P TX	AF186			
2G139	G	G	P TX	AF106	AF185		
2G140	G	G	P TX	AU105	AU103		2S8466
2G140	G	G	P TX	AF186			
2G141	G	G	P TX	AF108	AF185		
2G201	G	G	P TX	AC117R	AC128	2N2431	2N4106
2G202	G	G	P TX	AC128	AC117R	2N2431	2N4106
2G202	G	G	P TX	AC183			
2G210	G	G	P TX	ASZ15		2N1533	2S8370
2G220	G	G	P TX	ACZ18	ASZ16	2N1536	2S8370
2G220	G	G	P TX	2G221			
2G221	G	G	P TX	ASZ15	2G222	2N1533	
2G222	G	G	P TX	ASZ15		2N10488	
2G223	G	G	P TX	AUY29		2N1167	2N1533
2G224	G	G	P TX	AUY29/5		2N1167	
2G226	G	G	P TX	AUY29/5		2N1167	
2G226	G	G	P TX	AUY29/5		2N1167	
2G227	G	G	P TX	AUY29/5		2N1167	
2G228	G	G	P TX	AUY29/5		2N1167	
2G228	G	G	P TX	AUY29/5		2N1167	
2G230	G	G	P TX	AUY29/5		2N1167	
2G231	G	G	P TX	AUY29/5		2N1167	
2G240	G	G	P TX	AU103	AU106	2N2147	2S8466
2G240	G	G	P TX	AL103			
2G270	G	G	P TX	AC114	AC128	2N2431	2N4106
2G270	G	G	P TX	AC153	AC132		
2G271	G	G	P TX	AC114	AC128	2N2431	2N4106
2G271	G	G	P TX	AC132	AC153		
2G301	G	G	P TX	AC114	AC128	2N2431	2N2614
2G301	G	G	P TX	AC153	AF185	2N4106	2S8222
2G301	G	G	P TX	OC44N			
2G302	G	G	P TX	AF185	AU106	2N2614	
2G302	G	G	P TX	AW103			
2G304	G	G	P TX	OC44N		2N2614	
2G306	G	G	P TX	OC44N		2N2614	
2G308	G	G	P TX	OC44N		2N2614	
2G309	G	G	P TX	OC44N		2N2614	
2G319	G	G	P TX	AC128	AC128	2N1176	2N1190
2G319	G	G	P TX	AC183	AC171	2N2429	2S8383
2G319	G	G	P TX	ACY17			
2G320	G	G	P TX	AC128	AC128	2N1176	2N1190
2G320	G	G	P TX	AC163	AC171	2N2429	2S8383
2G320	G	G	P TX	ACY17			
2G321	G	G	P TX	ACY17		2N1176	
2G322	G	G	P TX	ACY17		2N1176	
2G323	G	G	P TX	ACY17		2N1176	
2G324	G	G	P TX	ACY17		2N1176	
2G339	G	G	N TX	AC127		2N2430	
2G344	G	G	P TX	OC44N		2N2431	2S8466
2G345	G	G	P TX	OC44N		2N2614	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
2G371	G	P	TX	AC126	AC128	2N2431	2N610	2S32
2G371				AC152V	AC117K			
2G374	G	P	TX	AC128	AC153H	2N2431		2S8416
2G376	G	P	TX	AC126		2N2431		
2G377	G	P	TX	AC126		2N2431		
2G381	G	P	TX	AC117K	AC128	2N467	2N2706	2S8222
2G381				AC153				
2G382	G	P	TX	AC117K	AC128	2N4106	2N1373	2S8370
2G382				AC153				
2G383	G	P	TX	ACY17		2N1176		
2G384	G	P	TX	ACY17		2N1176		
2G385	G	P	TX	ACY17		2N1176		
2G386	G	P	TX	ACY17		2N1176		
2G387	G	P	TX	ACY17		2N1176		
2G386	G	P	TX	ASY27		2N1306		
2G386				ASY27		2N1306		
2G387	G	P	TX	ASY27		2N1306		
2G401	G	P	TX	AF108	AF124	2N990		2S8230
2G401				AF185	AF190			
2G402	G	P	TX	AF106	AF185	2N990		2S8230
2G402				AF190				
2G403	G	P	TX	AF124		2N990		
2G524	G	P	TX	ACY17		2N1176		
2G525	G	P	TX	ACY17		2N1176		
2G526	G	P	TX	ASY17	ASY24K	2N527	2N1176	2S889
2G526				ASY48	ASY80			
2G526				ASY81				
2G527	G	P	TX	ACY17		2N1176		
2G577	G	P	TX	ACY17	ACY24K			
2G577				ASY48	ASY77			
2G577				ACY81				
2G605	G	P	TX	ASY27		2N1306		
2G1024	G	P	TX	ACY17	ACY24K	2N241	2N1176	2S889
2G1024				ASY48	ASY77			
2G1024				ASY81				
2G1025	G	P	TX	ASY48	ASY77	2N241	2N1176	2S889
2G1025				ASY81				
2G1025	G	P	TX	ASY48	ACY24K	2N241	2N1176	2S889
2G1025				ASY77	ASY81			
2G1026				ACY17				
2G1027	G	P	TX	ACY17		2N1176		
2N24	S	N	TX					
2N24	G	P	WE					01
2N24A	G	P	WE	ASY48	ACY24K			01
2N24A				ASY77	AC210			01
2N24A				OC77				01
2N27	G	N	WE	ASY29		2N1304		01
2N26	G	N	WE	ASY29		2N1304		01
2N29	G	N	WE	ASY29		2N1304		01
2N34	G	P	ET, NP, SR, St, UP	AC126	AC126	2N406	2N1191	01
2N34				AC122	AC124	2N2429	2N2431	01
2N34				AC151				01
2N34A	G	P	ET, NP, St, UP, CI	AC125	AC126	2N406	2N2429	01
2N34A				AC132	AC163	2N2431		01
2N34A				AC132				01
2N36	G	N	ET, NP, SR, St, CI	AC127	AC176	2N2430		01
2N36				AC179				01
2N36A	G	N		AC127	AC130	2N2430		01
2N36	G	P	ET, NP, St, UP, CI	AC126	AC128	2N2429	2N2431	01
2N36				AC151	ACY17	2N1191	2N1176	01
2N36				AC122	AC125			01
2N36				AC124				01
2N37	G	P	ET, NP, St, UP	AC122	AC125	2N406	2N1191	01
2N37				AC126	AC126	2N2429	2N2431	01
2N37				AC132	AC151V			01
2N38	G	P	ET, NP, St, UP	AC122	AC124	2N406	2N1191	01
2N38				AC125	AC126	2N2429	2N2431	01
2N38				AC128	AC161			01
2N38A	G	P	CB	AC122	AC124	2N406	2N1191	01
2N38A				AC125	AC126	2N2429	2N2431	01
2N38A				AC128	AC151V			01
2N39	G	N	CB	AC125		2N406		01
2N40	G	P	CB	AC126	AC151	2N406	2N1191	01
2N40				AC162	AC170			01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N41	G	P		AC122	AC125	2N404	2N406	2S8219	01
2N41				AC151	AC183	2N1190	2N2447	2S8459	01
2N41				OC58					01
2N42	G	P	CB	AC122	AC125	2N404	2N1190	2S8220	
2N42				AC151	AC183	2N2447		2S8459	
2N42				OC70					
2N43	G	P	ES, ET, NP, SR, St	AC125	AC128	2N525	2N2706	2S8225	01
2N43				AC131/20	AC152				01
2N43A	G	P	ES, ET, NP, SR, St	AC117	AC128	2N525	2N2706	2S8225	01
2N43A				AC131/30	AC152				01
2N43A				AC153					01
2N44	G	P	ET, NP, SS, St, UP	AC124	AC125	2N524	2N2431	2S8224	01
2N44				AC128	AC131/30	2N2706			01
2N44				AC152					01
2N44A	G	P	ET, NP, SR, St, UP	ACY117	AC117	2N1176		2S833	01
2N44A				AC124	AC128				01
2N45	G	P	ET, NP, St, UP	AC125	AC126	2N406	2N404	2S8224	01
2N45				AC128	AC131/30	2N524			01
2N45				AC151					01
2N45A	G	P	ET, NP, St, UP						01
2N46	G	P		AC123	AC125	2N406		2S8101	01
2N46				AC151	OC58				01
2N47	G	P	PC	AC122	AC123	2N404	2N406	2S832	01
2N47				AC125	AC1511V	2N1191			01
2N47				OC58					01
2N48	G	P	PC	AC122	AC123	2N404	2N406	2S832	01
2N48				AC125	AC126	2N1191	2N2431		01
2N48				AC151					01
2N49	G	P	PC	AC122	AC123	2N404	2N406	2S832	01
2N49				AC126	AC1511V	2N1191	2N2431		01
2N50	G	P	CV	AC122	AC125	2N1191	2N404		10
2N50				AC151					10
2N51	G	P	CV	AC117	AC122	2N404	2N1191	2S8222	10
2N51				AC125	AC153				10
2N51				AC151					10
2N52	G	P	CV	AC122	AC151	2N404	2N1191	2S8222	10
2N53	G	P	CV	AC151		2N404	2N1191		10
2N54	G	P	W	AC122	AC124	2N1176	2N1191	2S8224	01
2N54				AC126	AC126	2N2429	2N2431		01
2N54				AC131	AC151				01
2N54				ACY17					01
2N55	G	P	W	AC122	AC125	2N404	2N1176	2S8224	01
2N55				AC124	AC128	2N1191			01
2N55				AC131	AC1511V				01
2N55				ACY17					01
2N56	G	P	W	AC122	AC125	2N404	2N1176	2S8224	01
2N56				AC128	AC131	2N1191			01
2N58	G	P	ET, NP, St, UP	(ASY48V1)	AC128	2N404	2N1176	2S8222	01
2N58				AC122	AC124				01
2N58				AC1511V	AC152				01
2N59A	G	P	ET, NP, St, UP	(ASY48V1)	AC128	2N1176	2N2431		01
2N59A				ACY17					01
2N59B	G	P	ET, NP, St, UP	(ASY48V1)	ACY17	2N1176	2N2431		01
2N59B				AC128					01
2N59C	G	P	ET, NP, St, UP	(ASY48V1)	AC122/30	2N1193	2N2431	2S832	01
2N59C				AC128	AC1511V	2N1176			01
2N59C				AC126	AC122				01
2N59C				AC163					01
2N60	G	P	ET, NP, St, UP	(ASY48V1)	AC128	2N404	2N1176	2S8222	01
2N60				AC153	ACY17	2N1193	2N2431		01
2N60A	G	P	ET, NP, St, UP	(ASY48V1)	AC122	2N61A	2N1176	2S8219	01
2N60A				AC126	AC128	2N1193		2S8222	01
2N60A				AC1511V	AC153				01
2N60A				ACY17	ACY33				01
2N60B	G	P	ET, NP, St, UP	(ASY48V1)	AC122	2N1176	2N1193	2S8219	01
2N60B				AC122/30	AC126				01
2N60B				AC1511V	ACY17				01
2N60C	G	P	ET, NP, St, UP	(ASY48V1)	ACY17	2N59C	2N1176		01
2N61	G	P	ET, NP, St, UP	(ASY48V1)	AC126	2N1192	2N1176		01
2N61				AC128	AC131	2N2431			01
2N61				AC122	AC1511V				01
2N61				ACY17					01
2N61A	G	P	ET, NP, St, UP	(ASY48V1)	AC128	2N60	2N1192	2S8224	01
2N61A				AC131/30	AC1511V	2N524	2N1176		01
2N61A				ACY17	AC122				01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N61A				AC152	ACY33				01
2N61B	G	P	ET, NP, St, UP	(ASY48IV) AC125	AC122 AC151IV	2N60 2N1176	2N61 2N1192	2SB220	01
2N61B				AC131/30	AC183				01
2N61B				ACY17	ACY33				01
2N61C	G	P	ET, NP, St, UP	(ASY48IV) AC125	AC122 AC131/30	2N60 2N1176	2N61 2N1192	2SB220	01
2N61C				AC151IV	ACY17				01
2N61C				AC163	ACY32				01
2N62	G	P	PC	AC124	AC125	2N109	2N400	2SB224	01
2N62				AC128	AC131/30	2N406	2N1191		01
2N62				AC151IV	AC128	2N2431			01
2N63	G	P	ET, NP, St, UP	AC122	AC125	2N406	2N1191	2SB220	01
2N63				AC128	AC128	2N2429			01
2N63				AC132	AC151IV				01
2N64	G	P	ET, NP, St, UP	AC122	AC124	2N406	2N1191	HJ15	01
2N64				AC125	AC126	2N2429			01
2N64				AC128	AC151IV				01
2N65	G	P	ET, NP, St, UP	AC122	AC125	2N406	2N1193	HJ15	01
2N65				AC126	AC128	2N2429			01
2N65				AC151IV	AV 183				01
2N66	G	P		AD139	AD148	2N643	2N2835		06
2N66				AD165	AD182	T13027			06
2N67	G	P		AD162		2N2835			06
2N68	G	P	St, CI, SY	AC128	AD139	2N156	2N2706	2SB240	06
2N68				AD155	AD182	T13027			06
2N68				OD603					06
2N68/13	G	P	St, CI, GP, SZ			T1156L			06
2N69	G	P		AC122	AC125	2N1190			06
2N69				AC151	ACY23				06
2N69				AC210					06
2N71	G	P		AC122	AC125	2N2835	2N404	2SB240	06
2N71				AC151	ACY23	2N1190			06
2N71				AC210	AD182				06
2N72	G	P		AC123	AC125	2N404	2N1190	2SB240	10
2N72				AC151	ACY23				10
2N72				AC210					10
2N73	G	P		AC122	AC125	2N406	2N1190		12
2N73				AC151	ACY23	2N1814			12
2N73				AC210					12
2N74	G	P		AC122	AC125	2N406	2N1190		10
2N74				AC151	ACY23	2N1814			10
2N74				AC210					10
2N75	G	P		AC125	AC151	2N406	2N1190		10
2N75				ACY24K	AC210	2N1814			10
2N76	G	P	GE	AC125	AC126	2N322	2N406	2SB220	01
2N76				AC151	AC183	2N319	2N1191		01
2N76				AC170		2N2429			01
2N77	G	P	ET, NP, St, UP, CI	AC122	AC126	2N405	2N565	2SB101	01
2N77				AC163	ACY29	2N1191	2N2431		01
2N77				OC58					01
2N78	G	N	ET, NP, UP, CI	ASY29	ASY75	2N445	2N1302		01
2N78						2N1304			01
2N78A	G	N	ET, UP, CI	ASY29		2N1304			01
2N78	G	P	RC	AC125	AC126	2N406	2N1191	HJ15	01
2N79				AC126	AC183	2N2429			01
2N79				AC173	AC171				01
2N80	G	P	CB	AC122	AC125	2N406	2N508	HJ15	01
2N80				AC126	AC128	2N2429			01
2N80				AC163	AC171				01
2N80				AC173					01
2N81	G	P	GE	AC122	AC125	2N406	2N1191	2SB220	01
2N81				AC126	AC128	2N2429			01
2N81				AC163	AC171				01
2N81				AC173					01
2N82	G	P	CB	AC122	AC125	2N406	2N1191	2SB220	01
2N82				AC126	AC128	2N2429			01
2N82				AC183	AC171				01
2N82				AC173					01
2N83	G	P	TR	AD148V	ASZ15	LT6036	2N1533	2SB240	01
2N83				OC30	OD603				01
2N83				CTP1104					01
2N83A	G	P	TR	AD148V	ASZ15	2N1533		2SB240	01
2N83A				OC30	OD603				01
2N84	G	P	TR	AC124	AC128K	2N109	2N1533	2SB240	01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N84				AC153	ASZ16	2N4106			
2N84				OC30	OD603				
2N85	G	P	TR	AC124	AC126	2N109	2N403		
2N85				AC128	AC131/30	2N1924	2N2429		
2N85				AC132	AC152				
2N86	G	P	TR	AC124R	AC126	2N403	2N2429		
2N86				AC128	AC132	2N4106			
2N86				AC152	AC153				
2N87	G	P	TR	AC124R	AC128	2N403	2N2431		
2N87				AC132	AC152	2N4106			
2N87				AC153					
2N88	G	P		AC129v	OC58	2N109	2N402		
2N88				AFY89	OC56				
2N89	G	P		AC129v	OC58	2N217	2N402		
2N89				OC89					
2N90	G	P		OC88		2N217	2N402		
2N93	G	P		AC162	AC170			2SA219	
2N93				AC125	AC133				
2N93				AC151	AC153				
2N94	G	P	ET, NP, UP	OC148	ASY74	2N1304			02
2N94				ASY29					02
2N94A	G	N	ET, NP	ASY74	ASY29	2N1304			02
2N94A				OC148					02
2N95	G	N	NP, UP	AC176		LT5210	2N2430	2SB240	06
2N95	G	P	RC	AC163	AC171	2N331	2N403	2SB220	01
2N96				AC128	AC173	2N406			01
2N96				AC125	AC151				01
2N97	G	N	ET, NP, UP, II	(AC127)	ASY28	2N144	2N1302		01
2N97				ASY28		2N1304			01
2N97A	G	N	BG	AC127	AC179	2N2430	2N169A		01
2N97A				ASY29					01
2N98	G	N	ET, NP, UP	(AC127)	ASY73	2N438	2N1304	2SA155-	01
2N98				ASY29		2N1304			01
2N98A	G	N	BG	ASY73	ASY29	2N169A	2N444		01
2N98A				ASY73		2N1304			01
2N99	G	N	ET, NP	ASY73	ASY29	2N169A	2N1306		01
2N99						2N1304			01
2N100	G	N	BG	ASY75	ASY73	2N446	2N1306		01
2N100				ACY29		2N1304			01
2N101	G	P	SY	AD155	AD139	2N68	2N307	2SB240	06
2N101				OC30	DD603				06
2N101				AC188K					06
2N101/13	G	P	St, GP, S2						
2N102	G	N	SY	ASY28	AC187K	2N1302	LT5210		06
2N102/13	G	N	St, GP, S2						
2N103	G	N	ET, NP, UP	(AC127)	ASY28	2N1302	2N1304		01
2N103				ASY28	GT36				01
2N104	G	P	ET, NP, UP	(AC151V)	AC126	2N650	2N2429	2532	01
2N104				AC153	AC124R	2N4106	2N612		01
2N104				AC128	AC122	2N406			01
2N104				AC125					01
2N105	G	P	ET, NP, St, UP	(AC151V)	OC58	2N2429	2N1191	2SB220	01
2N105				AC126	AC162	2N321	2N402		01
2N105				AC107N	AC122				01
2N105				AC125	AC183				01
2N106	G	P	ET, NP, St, UP	(AC151V)	AC126	2N2429	2N406	2532	01
2N106				AC128	AC153	2N1191	2N4106		01
2N106				AC124R	AC126				01
2N106				OC72					01
2N107	G	P	ET, NP, SR, SS, St	(AC151V)	AC126	2N2429	2N2431	2SB170	01
2N107				AC128	AC162	2N406	2N464		01
2N107				AC179	AC122	2N402			01
2N107				AC125					01
2N108	G	P	ET, NP, St, UP	(AC151V)	AC126	2N2429	2N2431	2SB170	01
2N108				AC128	AC162	2N322	2N406		01
2N108				AC176	AC126				01
2N108				AC127					01
2N109	G	P	ET, NP, St, UP, SR	(ACY151V)	AC128	2N2431	2N1192	2637	01
2N109				AC151V	AC153K	2N185	2N187A		01
2N109				AC117K	AC132	2N2706			01
2N110	G	P	WE	AC163	AC171	2N2429		2SB383	10
2N110				AC126					10
2N111	G	P	ET, NP, St, UP	AF185	AF106	2N271	2N614	HJ23D	02
2N111				AF101	OC45	2N1306		2SA205	02
2N111				OC612	ACY27				02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N111A	G	P	ET, NP, UP	AF185	ASY26	2N218	2N1305		02
2N111A				ASY27					02
2N112	G	P	ET, NP, UP	AF185	AF126	2N450	2N579	2SA206	02
2N112				AF137	ASY26	2N1306			02
2N112				OC45	ASY27				02
2N112A	G	P	ET, NP, UP	AF185	ASY26	2N218	2N1305		02
2N112A				ASY27					02
2N113	G	P	ET, NP, UP	AF185	AF127	2N1305		HJ23D	02
2N113				AF115	ASY27				02
2N113				AF108	AF190				02
2N113				A101					02
2N114	G	P	ET, NP, UP	AF185	AF126	2N140	2N1308		02
2N114				AF137	OC44	2N1305			02
2N114				ASY27					02
2N115	G	P	AM	AD149	AD13011	T13029	2N175	2SB221	16
2N115				AD1301V	OC26	2N270			16
2N115				AD179	AD140				16
2N116	G	P		AC129v	OC57	2N133A	2N175	2SB39	
2N116				OC822					
2N117	S	N	TX, ET, NP, SQ, UP	9C107		2N332	A157		13
2N118	S	N	TX, ET, NP, SQ, UP	BD130	AM291	2N3055	2N118A		13
2N118				BDX10	BDY10	2N119			13
2N118				9C107					13
2N118A	S	N	TX, ET, NP, SQ	BD130	AM291	2N3055	A157		13
2N118A				BDX10	BDY10				13
2N118A				9C107					13
2N119	S	N	TX, ET, NP, SQ	BD130	AM291	2N3055	2N118		13
2N119				BDX10	BDY10	A157			13
2N119				9C107					13
2N120	S	N	TX, ET, NP, SQ	BDY10	BD130	2N3055	2N118		02
2N120					BDX10	A157			02
2N120				AM291					02
2N122	S	N	NP, SQ, UP	9C107					06
2N122	G	P	ET, ID, NP, St, UP	8SW66		2N1893			06
2N123				AF127	AF106	2N426	2N1303	HJ23D	13
2N123				AF101	ASY27	2N1305			13
2N123				OC44					13
2N124	G	N	ET, NP, UP	(AC127)	ASY73	2N445	2N1302		10
2N124				ASY29		2N1304			10
2N125	G	N	ET, NP, UP	(AC127)	ASY74	2N585	2N1304		10
2N125				ASY29					10
2N126	G	N	ET, NP, UP	(AC127)	ASY74	2N439	2N585		10
2N126				ASY29		2N1304			10
2N127	G	N	TX	ASY28		2N440	2N1304		10
2N128	G	P	SM, SP, SQ	AF125	AF126	2N274	2N604		02
2N128				AF135	AF124	2N990			02
2N129	G	P	PC	AF125	AF135	2N373	2N603		02
2N129				AF124		2N990			02
2N130	G	P	ET, NP, UP	AC162	AC131	2N1191	2N1924	2SB224	01
2N130				AC128	AC125	2N406	2N613		01
2N130				AC152		2N1056			01
2N130A	G	P	ET, NP, UP	AC162	AC131	2N650	2N1924	2SB224	01
2N130A				AC128	AC125	2N406	2N402		01
2N130A				AC152		2N1413			01
2N131	G	P	ET, NP, UP	AC153	AC122	2N1192	2N588	2SB103	01
2N131				AC125	AC117	2N569	2N406		01
2N131						2N569			01
2N131A	G	P	ET, NP, UP	AC153	AC122	2N569	2N406	2SB103	01
2N131A				AC125		2N568	2N568		01
2N132	G	P	ET, NP, UP	AC126	AC151	2N406			01
2N132				AC123	AC125	2N2429	2N1192	2SB103	01
2N132						2N406	2N1190		01
2N132				AC124	AC128	2N466			01
2N132				AC152					01
2N132A	G	P	ET, NP, UP	AC128	AC151	2N2431	2N651	2SB32	01
2N132A				AC122	AC163	2N1190	2N641		01
2N132A				AC125		2N406			01
2N133	G	P	ET, NP, UP	AC151	AC122	2N1192	2N1190		01
2N133				AC117	AC128	2N175	2N406		01
2N133				AC153	AC125				01
2N133A	G	P	ET, NP, UP	AC128	OC87	2N651	2N175		01
2N133A				OC822	AC125	2N406			01
2N136	G	P	ET, NP, UP	AF185	AF126	2N139	2N1305		02
2N136				AFY15	ASY27				02
2N136				OC390					02
2N136	G	P	ET, NP, UP	AF127	AF101	2N1305			02
2N136				AF106	AF190				02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N136				OC45	ASY27				02
2N137	G	P	ET, NP, UP	AF185	AF127	2N1305			02
2N137				AF101	AF106				02
2N137				AF190	ASY27				02
2N138	G	P	ET, NP, UP	AC126	AC153	2N2429	2N4106		01
2N138				AC117	AC128	2N406	2N2706		01
2N138A	G	P	RY	AC128	AC153	2N2431	2N4106	25B222	01
2N138A				AC124	AC152	2N1008	2N1128		01
2N138A				AC126		2N406			01
2N138B	G	P	RY	AC128	AC153	2N2431	2N4106	25A219	01
2N138B				AC117	OC318	2N270	2N406		01
2N138B				AC126					01
2N139	G	P	ET, NP, UP	AF185	AF127	2N2614		2536	01
2N139				AF106	OC44N				01
2N139				AFY15	AF190				01
2N139				AF101					01
2N140	G	P	ET, NP	AF185	AF127	2N2614		25A35	01
2N140				AFY15	OC44N				01
2N140				AF117	SFT354				01
2N140				AD148V	AD139	2N1038	2N1172	25B240	06
2N141	G	P	SY						06
2N141				OC30	OD803				06
2N141/13	G	P	Si	AD162		2N2835			06
2N142	G	N	SY			2N144			06
2N142/13	G	N	Si	AD161		2N4077			01
2N143	G	P	SY	OC30	OD803	2N141	2N1038	25B240	06
2N143				AD162					06
2N143/13	G	P	Si						06
2N144	G	N	SY						06
2N144/13	G	N	Si						06
2N145	G	N	ET, NP, UP	(AC127)	ASY73	2N1302	2N1304		02
2N145				ASY29					02
2N146	G	N	ET, NP	(AC127)	AUY19	2N1302	2N1304		02
2N146				ASY74	ASY29				02
2N147	G	N	ET, ME, NP	(AC127)	AUY19	2N1302	2N1304		02
2N147				ASY29					02
2N148	G	N	Si, TX	ASY29		2N1302	2N1304		02
2N148A	G	N	TX	ASY29		2N1304			02
2N155	G	P	SD, ST, ET, ES, NP	AB130III	AD148	2N176	2N301	25B407	06
2N155				AD149	OC26	T13027	2N1536		06
2N155				OC30	ASZ16				06
2N156	G	P	ST, SQ	(AO131111)	AD149	2N2836	2N176	25B407	06
2N156				OC26	OC30	T13027	2N1536		06
2N156				ASZ16					06
2N157	G	P	GB	AD150IV	AD138	2N1531	2N1022A	25B407	06
2N157				OC26	OC30	2N1038	2N1536		06
2N157				OD803	ASZ16				06
2N157A	G	P	CB	OC26	OC30	2N1532	2N1014		06
2N157A				OD903	ASZ15	2N1533			06
2N158	G	P	ST, SQ, Si	(AD132III)	AD166	2N2139	T1156		06
2N158				AD149	OC26	T13017	2N1536		06
2N158				OC30	ASZ15				06
2N158A	G	P	ES, Si	ASZ16	ASZ15	2N2141	T13027		06
2N158A						2N1533			06
2N160	S	N	ET, NP, SM, SQ, UP	(BC107A)	BC107	2N160A	A157		01
2N160A	S	N	ET, NP, SM, SQ	(BC107A)	BC107	2N161A	A157		01
2N161	S	N	ET, NP, SM, SQ	(BC107A)	BC107	2N161A	A157		01
2N161A	S	N	ET, NP, SM, SQ	(BC107A)	BC107	2N163A	A157		01
2N162	S	N	ET, NP, UP	(BC107A)	BC107	2N162A	A157		01
2N162A	S	N	ET, NP, UP	(BC107A)	BC107	2N163A	A157		01
2N163	S	N	ET, NP, SM, UP	(BC107A)	BC107	2N163A	A157		01
2N163A	S	N	ET, NP, SM	(BC107A)	BC107	2N162A	A157		01
2N164	G	N	ET	(AC127)		2N165			02
2N164A	G	N	ET	(AC127)	ASY29	2N1304			02
2N165	G	N	ET	(AC127)	ASY73	2N1304			02
2N165				ASY29	ASY74				02
2N166	G	N	ET	(AC127)					02
2N167	G	N	ET	(AC127)	ASY29	2N1090	2N1306		02
2N167						2N1304			02
2N167A	G	N	ET	(AC127)	ASY29	2N1304			13
2N168	G	N	ET	(AC127)	ASY73	2N1306	2N1304	HJ2BD	02
2N168				ASY29					02
2N168A	G	N	ET	(AC127)	ASY75	2N1304			02
2N168A				ASY28					02
2N169	G	N	ET, SR	AC127	ASY29	2N1308	2N1304	2535	02
2N169				ASY75					02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N189A	G	N	ET, SR	(AC127)	ASY75	2N1304		2S36	01
2N189A				ASY29					01
2N170	G	N	ET, SA	(AC127)	ASY74	2N1308	2N1304	2SA206	02
2N170				ASY29					02
2N172	G	N	ET	(AC127)	ASY74	2N1308	2N1304	2SA206	02
2N172				ASY29					02
2N173	G	P	DD, MD	AUJ211V	AD138/50	T13027	2N1100		06
2N173				ADZ11	ASZ16				06
2N173				ADZ12					06
2N174	G	P	DD, MO			T13027	2N1100		16
2N174A	G	P	DD	ADZ12		T13027	2N1100		16
2N175	G	P	ET	AC163	AC122g	2N1192	2N406	2SB221	
2N175				AC122	OC16				
2N175				AC125					
2N176	G	P	MO, SR, ET	(AD1311V)	AD149	2N2836	T13027	2SB107	02
2N176				AC186	OC30	2N1536			02
2N176				OD803	ASZ16				02
2N178	G	P	MO, ET	(AD149IV)	AD186	T13027	2N1536	2SB107	01
2N178				AD149	ADZ16				01
2N179	G	P	MO			2N176			01
2N180	G	P	ET	AC128	AC153	2N2431	2N1192	2S32	01
2N180				AC117	AC132	2N217	2N406		01
2N181	G	P	ET	AC128	AC162	2N2431	2N1192	2SB222	01
2N181				AC131	AC132	2N270	2N406		01
2N181				AC152					01
2N182	G	N	ET	ASY74	ASY73	2N1302	2N1304		10
2N182				ASY29					10
2N183	G	N	ET	ASY74	ASY29	2N1302	2N1304		10
2N184	G	N	ET	ASY75	ASY29	2N1306	2N1304		10
2N184						2N2706			10
2N185	G	P	ET	AC128	AC153	2N2431	2N650	2SB221	01
2N185				AC124	AC122	2N2430	2N362		01
2N185				AC132					01
2N186	G	P	ET	AC128	AC153	2N2431	2N1191		01
2N186				AC123	AC132	2N2706	2N4106		01
2N186				AC152		2N217			01
2N186A	G	P	ET	AC128		2N2431	2N1191		01
2N186A						2N270	2N2706		01
2N187	G	P	ET, NP, UP	AC128	AC153	2N2431	2N1191	2SB220	01
2N187				AC122	OC72	2N2706	2N4106		01
2N187						2N633			01
2N187A	G	P	ET, NP, SR, UP	AC128	AC117	2N2431	2N1191	2S37	01
2N187A				AC153		2N270	2N2706		01
2N188	G	P	ET, NP, St, UP	AC128	AC153	2N2431	2N1191	2SB220	01
2N188				AC122	AC117	2N2706	2N2430		01
2N188A						2N109			01
2N188A	G	P	ET, NP, SR, St, UP	AC128	AC162	2N2431	2N1191	2SB222	01
2N188A				AC131	AC125	2N270	2N2706		01
2N188A				AC153					01
2N189	G	P	ET, NP, SR, St, UP	AC126	AC162	2N2429	2N1191	2SB222	01
2N189				AC131	AC128	2N2706	2N270	2SB219	01
2N189				AC122	AC125	2N465			01
2N190	G	P	ET, NP, SR, St, UP	AC126	AC151	2N2429	2N1191	2SB219	01
2N190				AC125	AC128	2N2706	2N408		01
2N190				AC122					01
2N191	G	P	ET, NP, St, UP	AC128	AC153	2N2431	2N1192	2SB220	01
2N191				AC131	AC125	2N2706	2N1190		01
2N191				AC126		2N270			01
2N192	G	P	ET, NP, SR, St, UP	AC128	AC163	2N2431	2N1193	2SB221	01
2N192				AC131	AC126	2N1191	2N270		01
2N192				AC122					01
2N193	G	N	ET, NP, St, UP	ASY28	ASY29	2N313	2N1302	2SA31	02
2N193						2N1304			02
2N194	G	N	ET, NP, St, UP	ASY73	ASY29	2N313	2N1302	2SA31	02
2N194						2N1304			02
2N194A	G	N	ET, NP, St, UP	ASY73	ASY29	2N1304			02
2N196	G	P	TR	AC128	AC131	2N2432	2N217		
2N196				AC132	AC125	2N403	2N406		
2N196	G	P	TR	AC126	AC163	2N2432	2N4106	2SB221	
2N196				AC131	AC132	2N406	2N265		
2N196				AC125		2N403			
2N197	G	P	FR	AC128	AC163	2N2431	2N4106	2SB221	
2N197				AC131	AC132	2N265	2N403		
2N197				AC125					
2N198	G	P	TR	AC128	AC163	2N2431	2N4106	2SB170	

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N231	G	P	NP, SP	AF 126	AF 137	2N404	2N218		02
2N231				AF 136	OC45				02
2N231				AF 124					02
2N232	G	P	St	AF 126	AF 137	2N404	2N218		02
2N232				AF 136	OC45	2N990			02
2N232				AF 124					02
2N233	G	N	ET, NP, UP	AC127	AC130	2N1306	2N1304		02
2N233				AS Y29					02
2N233A	G	N	ET, NP, UP	AC130					02
2N234	G	P	SD	AD131IV	AD149	2N2836	2N554	25B107	06
2N234				OC30	OC26	2N1536	TI156		06
2N234				ASZ16		2N301			06
2N234A	G	P	ET, SO, ST NP, SR	AD130IV	AD149	2N2836	2N555	25B107	06
2N234A				AD180	ASZ16	2N1536			06
2N236	G	P	SD	AD131IV	AD149	2N2836	2N360A	25B222	06
2N236				AD131	OC26	2N1536	2N301		06
2N236				AC128	ASZ16	TI3027			06
2N236A	G	P	ET, SO, ST	AD131IV	AD149	2N2836	2N3611		06
2N236A				AD131	AUY19	2N1536	2N301		06
2N236A				OC26	ASZ16	TI3027			06
2N236B	G	P	ET, SO, ST	AD131IV	AD149	2N2836	2N3616		06
2N236B				AD131	OC26	TI3027	2N1536		06
2N236B				ASZ16					06
2N236	G	P	SD	AD132IV	AD149	2N2836	2N350A	25B250A	06
2N236				AD131	AC128	2N1536	2N235		06
2N236				AC117	ASZ16	TI3027			06
2N236A	G	P	ET, SO, ST	AD132IV	AD131	2N361A	2N301		06
2N236A				AUY19	AD149	TI3027	2N1536		06
2N236A				OC26	ASZ16				06
2N236B	G	P	ET, SO, ST	AD132IV	AD131	2N378A	2N107B	25B107A	06
2N236B				AD149	OC26				06
2N236B				OC30	ASZ16	TI3027	2N1536		06
2N237	G	P	ET, NP, UP	AD131	AC128	2N220	2N404	HJ15	01
2N237				AC117	AC163				01
2N237				OC72	AC126				01
2N238	G	P	ET, NP, St, UP	AC126	AC128	2N2429	2N2431	25B101	01
2N238				AC183	AC122R	2N2706	2N1192		01
2N238				AC132	OC72	2N4106			01
2N238	G	P		AC183	AC122R	2N4106		25B226	01
2N238				AC128	AC117				01
2N240	G	P	NP, SM, SP, SQ, St	AC163	AC122R	2N404	2N582	25B32	10
2N240				AC126	AF124	2N990			10
2N241	G	P	ET, NP, St, UP	AC163	AC131	2N321	2N4106	25B221	01
2N241				AC128	AC117	2N2706	2N281		01
2N241				AC153		2N404			01
2N241A	G	P	ET, NP, SR	AC128	AC117	2N2431	2N321	25B226	01
2N241A				AC153		2N270	2N2706		01
2N241A						2N1536			01
2N242	G	P	MO, ET, NP, SR, UP	[AUY21IV]	AC128	2N2431	2N4106	25B221	01
2N242				AC163	AC131	2N282	2N1501	25B248A	01
2N242				ASZ16	AC117				01
2N242				AC153	AD149				01
2N243	S	N	TX, ET, NP, SQ	BSX46	BFY10	2N2297			01
2N243				BFY90					01
2N244	S	N	TX, ET, NP, SQ	BFY10	BFY50	2N2297			01
2N245	S	N		BFY50		2N2297			01
2N246	S	N		BFY50		2N2297			01
2N247	G	P	RC, SY	AF185	AF126	2N2189	2N990	2543	02
2N247				AF136	AF116				02
2N247				AF125	AF124				02
2N248	G	P	ET, TX	AF185	AF126	2N2188	2N267	25A215	01
2N248				AF136	AF116	2N990			01
2N248				AF125	AF124				01
2N249	G	P	ET, NP, UP	AC128	AC153	2N2431	2N270	25B226	01
2N249				AC117	ACY17	2N1176			01
2N250	G	P	ET, ST, NP, SR, SS	AD130IV	AD149	2N2836	2N3611	25B226	06
2N250				AD130V	AD138	2N250	2N456A		06
2N250				AC128	AC153				06
2N250A	G	P	ET, ST, NP, SR, UP	ASZ16	AD149	2N2836	2N3611		06
2N250A				AD149	ASZ16				06
2N250A						2N1536			06
2N251	G	P	ET, ST, NP, SR, SS	AD131IV	AUY2211	2N1530	2N301A	25B201	06
2N251				OC30	ASZ15	2N456A	2N1536	25B107	06
2N251				OD803	ASZ16				06
2N251A	G	P	ET, ST, SR, NP, UP	[AUY22IV]	ASZ16	2N3616	2N251		06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N251A						2N456A	2N1538		05
2N252	G	P	ET, NP, UP	AF 185	AF 127	2N274	2N2188	ST3PD	02
2N252				AF 106	AF 101	2N990			02
2N252				OC813	AF 124				02
2N253	G	N	ET, NP, UP	ASY73	ASY29	2N1302	2N1304		02
2N254	G	N	ET, NP, UP	ASY73	ASY29	2N1302	2N1304		02
2N255	G	P	ST, ES, ET, NP, UP	(AD130III)	AD149	2N2836	2N554	25B107	05
2N255				AD148	OC26	2N1536			05
2N256				ASZ16					05
2N256A	G	P	ST, ET, NP, SS, UP	(AD130III)	AD149	2N2836	2N1536		05
2N256A				ASZ16					05
2N256	G	P	ST, ES, ET, NP, UP	(AD130III)	AD149	2N2836	2N555	25B107	05
2N256				AD148	OC26	2N1536	2N301		05
2N256				OC30	ASZ16	T13027			05
2N256A	G	P	ST, ET, NP, SR, UP	(AD130III)	AD149	2N2836	T13027		05
2N256A				AD148	ASZ16	2N1536			05
2N257	G	P	ST, ET, NP, SR, UP	(AD130III)	AD149	2N2836	2N3811	25B107A	05
2N257				AD150IV	AD138	2N301	T13027		05
2N257				OC26	ASZ16	2N1536			05
2N257A	G	P		AD149		2N2836			05
2N257B	G	P	ST, ET, NP, UP	(AUJ211V)	ASZ16	2N257W	2N1536		01
2N257C	G	P	ST, ET, NP, UP	(AUJ211III)	AD149	2N2836	2N257B		01
2N257G				ASZ16		2N257W	2N1536		01
2N257W	G	P	ST, ET, NP, UP	(AUJ211V)	AD149	2N2836	2N1536		01
2N257W				ASZ16					01
2N260	S	P	CV	BC177		2N3966			01
2N260A	S	P	CV	BC177		2N3965			01
2N261	S	P	CV	BC177		2N3966			01
2N262	S	P	CV	BC177		2N3966			01
2N262A	S	P	CV	BC177		2N3965			01
2N263	S	N	TX, NP, SM, SQ	BC107		A157			01
2N264	S	N	TX, NP, SM, SQ	BC107		2N337	A157		01
2N265	G	P	ET, NP, UP	AC128	AC151	2N2431	2N1175	25B221	01
2N265				AC122	AC132	2N408	2N408		01
2N265				AC183	AC125				01
2N266	G	P	GE	AC128	AC151	2N2431	2N408	25B219	01
2N266				AC122	AC132	2N381			01
2N266				AC183					01
2N267	G	P	St, RC	AF 185	AF 126	2N247	2N2188	25A215	02
2N267				AF 136	AF 124	2N390			02
2N267				AF 116	AF 125				02
2N268	G	P	ST, ET, NP, SR, UP	(AUJ221V)	AD132II	2N1530	2N301	25B249	05
2N268				ASZ15	OC36	T13027	2N1533		05
2N268A	G	P	ST, ET, NP, SR, UP	(AUJ221V)	ASZ15	2N1536	T13027		15
2N268A						2N1533			15
2N269	G	P	ET, NP, St, UP	ASZ15	ASY26	T13027	2N1303		1D
2N269				ASY27		2N1305			1D
2N270	G	P	ET, NP, UP	AC128	AC153	2N2431	2N1193	HJ34	01
2N270				AC151	AC106	2N2706	2N4106		01
2N270						2N404			01
2N271	G	P	ET, NP, UP	AF 185	ASY27	2N2905	2N404		02
2N271				OC44		2N1305	2N1707		02
2N271						2N1307			02
2N271A	G	P	ET, NP	AF 185	OC44	2N404	2N1307		02
2N271A				ASY27		2N1305			02
2N272	G	P	ET, NP, UP	AC126	AC128	2N2429	2N2431	25B33	01
2N272				AC153	AC125	2N406	2N4106		01
2N272				AC117R	GF T32	2N273			01
2N272				OC72					01
2N273	G	P	ET, NP, UP	AC128	AC153	2N2431	2N4106	25B33	01
2N273									01
2N273				AC117	AC132	2N109	2N2706		01
2N274	G	P	St	AF 126	AF 124	2N2188	2N990		02
2N277	G	P	DD, MD, NP, PH, UP	ADZ11	ADZ11	2N1100			02
2N277				ADZ12					05
2N277A	G	P		AC176		2N2480			05
2N278	G	P	DD, MD, NP, SS, UP	ADZ11	ADZ12	2N1100			05
2N278	G	P	ET, NP, UP	AC128	AC1511V	2N2431	2N650	25B17	01
2N278				AC122/30	AC125	2N406	2N4106		01
2N278				AC131	AC152	2N119			01
2N280	G	P	ET, PH, NP, UP	AS151V	AC128	2N2429	2N2480	25B13	04
2N280									01
2N280				AC151V	OC71	2N650	2N4106		01
2N280				AC122/30	AC126	2N406			01
2N280				AC117					01
2N281	G	P	ET, PH, NP, UP	AC1511V	AC153	2N2431	2N651	25B221	01
2N281				AC128	AC122/30	2N2706	2N4106		01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N281				AC125	AC117	2N2907			01
2N281				AC132					01
2N282	G	P	ET, PH, NP, UP	AC1511V	AC128	2N4108	2N281X2	2S8225	01
2N282				AC153	AC122/30				01
2N282				AC125	AC117				01
2N282				AC132					01
2N283	G	P	ET, NP, UP	AC1511V	AC151	2N850	2N4106	2S8225	10
2N283				AC127	AC125	2N403		2S8220	10
2N283				AC126	AC131				10
2N283				AC152					10
2N284	G	P	ET, PH, NP, UP	ASY481V	AC151	2N454	2N563	2S8219	10
2N284				AC122/30	AC122	2N406			10
2N284				AC125	AC131				10
2N284				AC152	ASY78				10
2N284A	G	P	ET, NP, UP	ASY481V	AC125	2N2708			10
2N285	G	P	SD	AD149	AUY2211	2N2836	2N3617		06
2N285				AUY26	ASZ15	2N1536			06
2N285				ASZ16					06
2N285A	G	P	ET, NP, SR	AD149	ASZ16	2N2836	2N3617		06
2N285A						2N1536			06
2N285B	G	P	ET, NP, SR	AD149	ASZ16	2N2836	2N1536		06
2N290	G	P	DD	AD149	AD212	2N2836	2N1100		06
2N291	G	P	ET, NP, UP	AC128	AC153	2N2431	2N1191	2SA219	01
2N291				AC131	AC117	2N4106	2N2706		01
2N292	G	N	ET, NP, SR, UP	ASY74	ASY26	2N1302	2N1304		02
2N292				ASY29					02
2N292A	G	N	ET, NP, UP	ASY29		2N164A	2N1304		02
2N293	G	N	ET, NP, SR, UP	ASY29		2N1304		HJ230	02
2N296	G	P	ET, NP, SR, St, UP	AD149	OC30	2N1531	2N456A	2S8107	01
2N296				OD803	ASZ15	2N3146	2N1533		01
2N297	G	P	MO, ET, NP, SR, UP	(AUY211V)	AD1311V	2N297A	T13027	2S8252	06
2N297				AD138	OC30	T13028	2N1536		06
2N297				ASZ15	OD603				06
2N297				ASZ16					06
2N297A	G	P	MO, ET, NP, SR, UP	(AUY211V)	ASZ15	2N457	2N2188		06
2N297A				AD1311V	ASZ16	2N1536			06
2N299	G	P	St, PH	AF124	AF125	2N623	2N2188	2SA116	02
2N299				AF194	AF114	2N990			02
2N299				AF130					02
2N300	G	P	PH	AF178	AF124	2N2495	2N2188	2SA116	02
2N300				AF136	AF194	2N990			02
2N300				AF114					02
2N301	G	P	ET, MO, SD	AD1311V	AD149	2N2836	2N3611	HJ35	06
2N301				AD131	OC16	2N257	2N1536		06
2N301				AD148	ASZ16				06
2N301A	G	P	ET, MO, SD	AD1321V	ASZ15	2N3612	2N1536	2S842	06
2N301A				OC22	ASZ16				06
2N302	G	P	ET, NP, UP	AC128	AC153	2N2431	2N4106	2S834	02
2N302				AC131	AC117	2N1431	2N1305		02
2N302				ASY27					02
2N303	G	P	ET, NP, UP	AC128	AC117	2N2431	2N269	2S834	02
2N303				AC153	ASY27	2N306			02
2N306	G	N	ET, NP, UP	ASY28		2N406		2S832	01
2N306A	G	N	ET, NP, SR	AC127		2N2430			01
2N307	G	P	MO, ET, NP, SR, UP	(AUY211V)	AC162	2N4106	2N301	2S8240	06
2N307				AC122	OC30	2N1536			06
2N307				ASZ16	AC128				06
2N307				AC125	OC26				06
2N307A	G	P	MO, ET, SR, UP, UT	(AUY211V)	AD149	2N236	2N353	2S841	06
2N307A				OC26	OC30	2N1536			06
2N307A				OD603	ASZ16				06
2N307B	G	P		ADZ16		2N1536			06
2N308	G	P	ET, NP, UP	AF185	AF127	2N373	2N799	2SA155	02
2N308				AF101	AF117	2N909			02
2N308				AF124					02
2N309	G	P	ET, NP, UP	AF185	AF126	2N373	2N990	2SA156	02
2N309				AF137	OC45				02
2N309				AF131	AF124				02
2N310	G	P	ET, NP, UP	AF185	AF126	2N1111	2N1112	2SA156	02
2N310				AF136	AF116	2N990			02
2N310				AF127					02
2N311	G	P	ET, NP, St, UP	AC153	AC131	2N4106	2N404	2SA156	16
2N311				AC128	AC117	2N461	2N406	2S8220	16
2N311				AC126	AC125				16
2N312	G	N	ET, NP, St, UP			2N585	2N1304	2SD11	16

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N313	G	N	GE	ASY29		2N292	2N1304		
2N314	G	N	GE	ASY29		2N293	2N1304		
2N315	G	P	ET, NP, St, UP	ASY27		2N578	2N1305		10
2N315A	G	P	ET, NP, SS, St, UP	ASY27		2N1306			10
2N315B	G	P	St	ASY27		2N1306			10
2N316	G	P	ET, NP, St, UP	ASY27		2N579	2N1305		10
2N316A	G	P	ET, NP, St, UP	ASY27		2N1306			10
2N317	G	P	ET, NP, St, UP	ASY27		2N582	2N582		10
2N317A	G	P	ET, NP, St, TX, UP	ASY27		2N1306			10
2N318	P	P							04
2N319	G	P	MO, GE, ET, NP, UP	(AC1521V) AC151	AC128 AC117	2N2431 2N2706	2N270	2S8219	01
2N319				AC122	AC126				01
2N319				(AC1521V)	AC126				01
2N320	G	P	MO, GS, ET, NP, UP		AC126	2N2429	2N319	2S8220	01
2N320				AC151	AC117	2N270	2N2706		01
2N320				AC128	AC190				01
2N330				AC153					01
2N321	G	P	MO, GS, ET, NP, UP	(AC152V) AC151V	AC126 AC117	2N2429 2N270	2N319 2N1175	2S8226	01
2N321									01
2N321				AC157	AC128				01
2N321				AC18D	AC153				01
2N322	G	P	MO, GS, ET, NP, UP	(AC1521V) ASY26	AC128 AC117	2N2431 2N1130	2N319 2N1176	2S8221	01
2N322				AC153	ACY17				01
2N322				AC153					01
2N323	G	P	MO, GS, ET, NP, UP	(AC152V) ASY26	AC128 AC132	2N2431 2N270	2N319 2N1306		01
2N323				AC153	ASY27				01
2N323				(AC152V1)	AC128	2N2431	2N319	2S8222	01
2N324	G	P	MO, GS, ET, NP, UP	AC153	AC117	2N4106	2N319 2N407		01
2N324				AC118	ASY17	2N1306			01
2N325	G	P	SY	AD149	OC30	2N226	2N3611	2S8107	01
2N325				OD603	ACY17	2N1536			01
2N326	G	N	NP, St	AD161		2N4077		2S841	01
2N327	S	P	St	BCY27	BC177	2N1479		2S834	01
2N327				BC21D	BCY32				01
2N327				BC261	BC212				01
2N327				BC204					01
2N327A	S	P	ET, NP, SR, St, UP	BCY32		2N1475		2S834	06
2N327B	S	P	SR, SS, St, TD	BCY32		2N1475		2S834	06
2N318	S	P	St	BC21D	GFT31/15	2N1475		2S834	01
2N318				SFT124	BCY32			2S834	01
2N328A	S	P	ET, NP, SR, St, TD	BCY32		2N1475		2S834	06
2N328B	S	P	SR, St, TD, SO	BFS55		2N4036		2S834	06
2N329	S	P	St	GFT31/15	SFT124	2N1475		2S834	01
2N329				BCY32					01
2N329A	S	P	ET, NP, SR, SO, UP	BCY29	BCY32	2N1475		2S834	06
2N329B	S	P	SR, SO, TD	BFS55		2N4036		2S834	06
2N330	S	P	RY	GFT31/15	SFT124	2N1475		2S834	01
2N330				BCY32					01
2N330A	S	P	SM, SO, SS	BCY32		2N1475		2S8225	06
2N331	G	P	ET, MO, NP	ASY26	AC117	2N4106	2N1291		01
2N331				AC126	AC153	2N1502	2N1176		01
2N331				ACY17					01
2N332	S	N	ET, TX, NP, St, UP	(BC107A)	BC140-6	2N2297			02
2N332				BFY50					02
2N332A	S	N	ET, NP, SO, St, UP	(BC107A)	BC140-6	2N2297			01
2N332A				BFY10					01
2N333	S	N	ET, TX, NP, St, UP	(BC107A)	BC140-6	2N2297			02
2N333				BSY44	BSY11				02
2N333				BFY50					02
2N333A	S	N	ET, NP, SS, St, UP	(BC107A)	BFY50	2N2297			01
2N334	S	N	ET, TX, NP, St, UP	(BC107A)	BC140-6	2N2297			02
2N334				BSY44	BSY11				02
2N334				BFY50					02
2N334A	S	N	ET, SR, SO, St, TR	(BC107A)	BFY50	2N2297			01
2N334B	S	N		BFY50		2N2297			01
2N335	S	N	ET, TX, NP, TR, UP	(BC107A)	BC140-6	2N2297			02
2N335				BSY44	BSY11				02
2N335				BFY50					02
2N335A	S	N	ET, ST, TR, UP	(BC107A)	BFY50	2N2297			01
2N335B	S	N	ET, NP, SR, ST, UP	(BC107A)	BFY50	2N2297			01
2N336	S	N	ET, TX, St, TR, UP	(BC107A)	BC140-10	2N2297			02
2N336				BFY11	BFY50				01
2N336A	S	N	ET, NP, SR, St, UP	(BC107A)	BC140-16	2N2297			02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N336A				BSY44	BSY11		01
2N336A				BFY50			01
2N337	S	N	ET, TX, PH, St, UP	(8C107A)	BSY11	2N2297	10
2N337				BFY50			10
2N337A	S	N	ET, NP, St, TR, UP	(8C107A)	8FY50	2N2297	01
2N338	S	N	ET, TX, NP, PH, UP	(8C107A)	8FY11	2N2297	10
2N338				BFY50			10
2N338A	S	N	ET, NP, St, TR, UP	8C107A	BSY11	2N2297	01
2N338A				BFY50			01
2N339	S	N	ET, TX, NP, St, UP	BCY66EVII	BSY10	2N2297	01
2N339				BFY50			01
2N339A	S	N	ET, NP, SQ, St, UP	BCY85EVII	8FY50	2N2297	02
2N340	S	N	ET, TX, NP, SQ, UP	(8CY85EVIII)	BSW66	2N1893	01
2N340A	S	N	ET, NP, SQ, St, UP	(8CY85EVIII)	BSX46	2N1893	02
2N340A				BSW66			02
2N341	S	N	ET, TX, NP, St, UP	(8F457)	8F178	2N1893	01
2N341				8F114	8F109		01
2N341				8FY43	BSW66		01
2N341A	S	N	ET, NP, SR, St, UP	(8F457)	BSW66	2N1893	02
2N342	S	N	ET, TX, NP, SQ, UP	BCY86EVII	BSY10	2N1893	01
2N342				BFY50			01
2N342A	S	N	ET, NP, SQ, St, UP	(8CY86EVIII)	BSW66	2N1893	01
2N342B	S	N	ET, SQ, St	(8CY86EVIII)	BSW66	2N1893	01
2N343	S	N	ET, TX, NP, SR, UP	BCY85EVII	BCY59	2N1893	01
2N343				BSY10	BSW66		01
2N343A	S	N	ET, NP, St, UP	BCY85EVII	BFY50	2N2297	01
2N343B	S	N	ET, NP, UP, SQ	BCY85EVII	BFY50	2N2297	01
2N344	G	P	NP, SP, SQ	AC126	AF137	2N274	02
2N344				AF126	AF153	2N404	02
2N344				AF116	AF124		02
2N346	G	P	NP, SP, SQ	AC126	AF137	2N274	02
2N346				AF126	2N990		02
2N346				AF116	AF124		02
2N346	G	P	NP, SM, SR, SP, SQ	AF114	AF124	2N404	02
2N346				AF136		2N990	02
2N347	S	N	BG	BFY50		2N2297	06
2N348	S	N	BG	BSW66		2N1893	06
2N349	S	N	BG	BSW66		2N1893	06
2N350	G	P	MO, ET, NP, SR, UP	(AUZ11IV)	AD149	2N2836	06
2N350				AD138	OC26	T13027	06
2N350				OC30	ASZ16		06
2N350A	G	P	MO, ET, NP, SR, UP	(AUZ11IV)	AD149	2N2836	02
2N350A				ASZ16		2N1536	02
2N351	G	P	MO, ET, NP, SR, UP	(AUZ11IV)	AD149	2N2836	06
2N351				OC30	ASZ16	2N1536	06
2N351A	G	P	MO, ET, NP, SR, UP	(AUZ11IV)	AD149	2N2836	06
2N351A				ASZ16		2N1536	06
2N352	G	P	PC	AD149	OC30	2N2836	06
2N352				ASZ16		2N1536	06
2N353	G	P	PC	AD149	OC30	2N2836	06
2N353				ASZ16		2N1536	06
2N354	S	P	PC	BC231	BC177	2N3985	06
2N354				PC	BC177	2N3985	02
2N356	S	P	PC	BC231	BC177	2N3985	10
2N356	G	N	ET, NP, St, SS, UP	ASY73	ASY29	2N1302	10
2N356A	G	N	ET, SS, St	ASY29		2N1304	10
2N357	G	N	ET, NP, SS, St, UP	ASY75	ASY29	2N1302	10
2N357A	G	N	ET, NP, SS, St, UP	ASY79		2N1304	10
2N358	G	N	ET, NP, SS, St, UP	ASY28	ASY75	2N1304	10
2N358				ASY29			10
2N358A	G	N	ET, NP, SS, St, UP	ASY29		2N1304	10
2N359	G	P	ET, NP, St, UP	AC153	AC117R	2N652	01
2N359				AC128	OC72	2N1306	01
2N359				ASY27			01
2N360	G	P	ET, NP, St, UP	AC153	AC117	2N1192	01
2N360				AC128	ASY27	2N1306	01
2N361	G	P	ET, NP, St, UP	AC153	AC131	2N1191	01
2N361				AC128	AC117	2N1305	01
2N361				ASY27			01
2N362	G	P	ET, NP, St, UP	AC126	AC153	2N2429	01
2N362				AC131	AC128	2N1306	01
2N362				AC125	ASY27		01
2N362				AC126	AC153	2N2429	01
2N363	G	P	ET, NP, St, UP	AC131	AC128	2N1176	01
2N363				AC125	ACY17		01
2N363				AC127	ASY29	2N2430	01
2N364	G	N	ET, NP, UP	AC127	ASY29	2N2430	10

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N365	G	G	N ET, NP, UP	AC127	ASY29	2N2430	2N1304	7T66	10
2N366	G	G	N ET, NP, UP	AC127	ASY29	2N2430	2N1304		10
2N367	G	P	P ET, NP, St, UP	AC126	AC153	2N2429	2N1191	25B101	10
2N367				AC131	AC128	2N1176			10
2N367				AC125	ACY17				10
2N368	G	P	P ET, NP, St, UP	AC126	AC153	2N2429	2N1191	25B101	10
2N368				AC122	AC125	2N406			10
2N368				AC128	AC131				19
2N368				AC132					10
2N369	G	P	P ET, NP, St, UP	AC153	AC117	2N1191	2N406	HJ17D	10
2N369				AC128	AC125	2N4106	2N2429		10
2N370	G	P	NP	AF185	AF125	2N3324	2N990	HJ32	02
2N370				AF135	AF115				02
2N370				AF124	OC614				02
2N371	G	P	RC	AF185	AF126	2N3324	2N426	HJ37	02
2N371				AF136	AF116	2N990			02
2N371				AF124					02
2N371/33	G	P	P SY	AF124		2N990			02
2N372	G	P	P NP, St	AF185	AF126	2N3324	2N990	HJ72	02
2N372				AF136	AF116				02
2N372				AF124					02
2N373	G	P	RC, SY	AF185	AF126	2N2188	2N990	HJ73	02
2N373				AF136	AF124				02
2N373				AF131	AF116				02
2N373				AF117					02
2N374	G	P	RC, SY	AF185	AF125	2N3325	2N384	HJ74	02
2N374				AF135	AF115	2N990			02
2N374				AF117	AF124				02
2N375	G	P	P MO, ET, NP, SR, UP	(AD132IV)	AC153	2N4106	2N1324	25B249	06
2N375				AC117	AC128	2N1437	2N1533		06
2N375				AC105	ASZ15				06
2N376	G	P	P MO, ET, NP, SR, UP	(AU211IV)	AD149	2N2838	2N1536	25B107A	06
2N376				OC30	OC26				06
2N376				ASZ16					06
2N376A	G	P	P MO, ET, NP, SR, UP	(AU211IV)	ASZ16	2N1536			06
2N377	G	N	ET, NP, TX, St, UP	ASY75	ASY29	2N357	2N1301	75D11	10
2N377						2N1304			10
2N377A	G	N	ET, NP, St, UP	ASY29		2N1304			10
2N378	G	P	P MO, ET, NP, SR, UP	(AU211IV)	AC153	2N106	2N561	25B246	18
2N378				AC117	AC128	2N1536	T13027		16
2N378				ASZ16					16
2N379	G	P	P MO, DD, ET, NP, UP	(AU211IV)	ADZ11	2N1538	T13027		16
2N379				ASZ15		T13029			16
2N380	G	P	P MO, DD, ET, NP, UP	(AU211IV)	AD149	T13027	T13030		16
2N380				ASZ15	ASZ16	2N1536			16
2N381	G	P	P MO, ET, NP, St, SR*	(ASY48IV)	AC153	2N4106	2N270	25B219	81
2N381				AC117A	AC128	2N1306	2N1176		81
2N381				AC162	ASY26				81
2N381				ACY17					81
2N382	G	P	P MO, ET, NP, SR, UP	(ASY48V)	AC153	2N270	2N1176	25B270	81
2N382				AC117	AC125				81
2N382				AC128	ACY17				81
2N383	G	P	P MO, ET, NP, SR, UP	(ASY48V)	AC153	2N4106	2N270	25B271	01
2N383				AC131	AC128	2N1176			01
2N383				ACY17	AC125				01
2N383				AC106	AC117				01
2N384	G	P	P NP, St	AF118	AF137	2N3325	2N4033	HJ74	02
2N384				AF127	AF135	2N2188	2N990		02
2N384				AF136	AF124				02
2N384/33	G	P	P SY	AF124		2N990			02
2N385	G	N	ET, NP, UP	ASY75	OC141	2N357	2N1304	25D11	10
2N385				ASY29					10
2N385A	G	N	ET, NP, UP	ASY29		2N1304			10
2N386	G	P	P PC	AC153	AC117	2N1531	2N051A	25B247	06
2N386				AC125	AC128	2N1533	MP869		06
2N386				ASZ15					06
2N387	G	P	P AC	AC153	AC117	2N1531	2N1358	25B247	06
2N387				AC125	AC128	2N1433	2N1533	25B252	06
2N387				ASZ15					06
2N388	G	N	ET, NP, NU, PH, TX	AC127	ASY29	2N1308	2N1304		10
2N388A	G	N	ET, TX, SR, TX, UP	(AC127)	ASY29	2N1304			10
2N389	S	N	TX, ET, SR, TR, UP	BDY39	AM291	2N3445	2N3055		06
2N389				BDY11	BLY17	2N5088			06
2N389				BDY20					06
2N389A	S	N	ET, NP, TX, St, UP	BDY20		2N5068			06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N389/1	S	N	SU	BDY20		2N3055			
2N391	G	P		AC153	AC117	2N851A			
2N391				AC125	AC128				
2N392	G	P	DO, EL, NP, SS, UP	AUY211V	AD138/50	2N1550	T13027		06
2N392				AS216		2N1536			06
2N393	G	P	ES, SP, SQ	ASZ20	AF124	2N967	2N990		10
2N393A	G	P		ASY27					
2N394	G	P	ET, NP, UP	AC152V	OC80	2N404	2N1305		13
2N394				OC76					13
2N394A	G	P	ET, SR, NP	ASY27		2N1305			13
2N395	G	P	SR, ET, NP, TX, UP	AF126	AF137	2N581	2N1305	2SA205	13
2N395				ASY26	ASY27	2N1308			13
2N396	G	P	ET, TX, ML, NP, UP	(AC1511V)	ASY26	2N393	2N404	2SA206	13
2N396				AF137	AF137	2N1305			13
2N396				OC45	ASY27				13
2N396A	G	P	ET, NP, PH, St, SR	(AC1511V)	ASY27	2N1305			13
2N397	G	P	ET, TX, NP, PH, UP	(AC1511V)	ASY26	2N582	2N1307		13
2N397				2G397	ASY27	2N1305			13
2N398	G	P	ET, MO, NP, St, TX	ASY77					16
2N398A	G	P	MO, ET, NP, St, TX			2N2043			01
2N398B	G	P	NP, St, TX			2N2043			16
2N399	G	P	ET, SD, ST, NP, UP	AD1311V	AD149	2N2836	2N351A	2SB107A	02
2N399				OC30	OC26	2N1536	T13027		02
2N399				ASZ16					02
2N400	G	P	ET, ST, NP, SR, UP	AD1311V	AD149	2N2836	2N350A	2SB107A	06
2N400				AD131	OC30	2N1536	T13027		06
2N400				OC26	ASZ16				06
2N401	G	P	ET, ST, NP, SR, UP	AD1311V	AD149	2N2836	2N3611	2SB107A	06
2N401				AD131	AUY19	2N1536			06
2N401				OC30	SFT232				06
2N401				ASZ16					06
2N402	G	P	ET, NP, UP	AC153	AC131	2N1191	2N1924	2SB219	01
2N402				AC128	AC132	2N406	2N1176		01
2N402				AC152	ACY17				01
2N403	G	P	ET, NP, UP	AC153	AC117	2N1191	2N215	2SB220	01
2N403				AC128	AC131	2N1176			01
2N403				AC152	ACY17				01
2N404	G	P	GE, MO, ET, ML, NP	(ASY481V)	ASY27	2N1305			10
2N404				ASY26					10
2N404A	G	P	GE, MO, ET, NP, TX	(ASY481V)	ASY27	2N1305			10
2N405	G	P	ET, NP, St	AC126	AC153	2N2429	2N322	2SB32	01
2N405				AC117	AC125	2N4108	2N406		01
2N405				AC128	AC132				01
2N406	G	P	ET, NP, SR, St	AC126	AC151	2N2429	2N322	2S44	01
2N406				AC126	AC122	2N323			01
2N406				AC132	AC128				01
2N407	G	P	ET, NP, SR, St	AC128	AC153	2N2431	2N324	2S33	01
2N407				AC117R	AC132	2N2706			01
2N408	G	P	ET, NP, SR, St	AC128	AC132	2N2431	2N324	HJ51	01
2N408				AC153		2N2706			01
2N409	G	P	ET, NP, SR, St	AF185	AF127	2N2614		2S31	02
2N409				AF136	OC44N				02
2N409				AF190	AF117				02
2N409				AF126					02
2N410	G	P	ET, NP, SR, St	AF185	AF126	2N2614		HJ56	02
2N410				AF127	AF181				02
2N410				OC44N					02
2N411	G	P	ET, NP, St	AF185	AF117	2N2614		2S30	02
2N411				AF126					02
2N411				OC44N					02
2N412	G	P	ET, NP, St	AF185	AF117	2N2614		HJ57	02
2N412				AF126	AF127				02
2N412				OC44N					02
2N413	G	P	ET, NP, SR, St, UP	(AC1511V)	AF126	2N218	2N1305	HJ56	02
2N413				AF137	SET316				02
2N413				AF190	ASY26				02
2N413				ACY27					02
2N413A	G	P	ET, NP, St, UP	(AC1511V)	ASY26	2N218	2N1305		02
2N413A				ASY27					02
2N414	G	P	ET, NP, SR, St, UP	(AC151V)	AF126	2N218	2N1305		02
2N414				AF137	SET318				02
2N414				AF188	ASY27				02
2N414A	G	P	ET, NP, St, UP	(AC151V)	AF126	2N218	2N1305		02
2N414A				AF188	ASY27				02
2N414B	G	P	ET, NP, St	ASY27		2N1307	2N1305		02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N414C	G	P	ET, St, NP	ASY27		2N1305			02
2N415	G	P	ET, NP, St	(AC151V1)	AF126	2N274	2N271		02
2N415				AF137	SET316	2N374	2N1306		02
2N415				AF127	AF187				02
2N415				ASY27					02
2N415A	G	P	ET, NP, St, UP	(AC151V1)	ASY27	2N374	2N1307		02
2N415A						2N1305			02
2N416	G	P	ET, NP, St, UP	(AC151V1)	AF126	2N247	2N1309		02
2N416				AF137	SET316	2N1306			02
2N416				AF188	ASY27				02
2N417	G	P	ET, NP, St, UP	AC162	AF126	2N247	2N1309		02
2N417				AF137	SET316	2N1306			02
2N417				AF188	ASY27				02
2N418	G	P	ET, NP, SR	ASZ15		2N1537	2N1100		16
2N418						2N1533			16
2N419	G	P	ET, NP, SR	AC153	AC117	2N561	2N1536	2SB248A	06
2N419				AC125	AC128				06
2N419				AD149	ASZ16				06
2N420	G	P	ET, NP, SR	AUY2111	AUY28	2N1536	2N1533		16
2N420				ASZ18	ASZ16				16
2N420A	G	P	ET, NP, SR	ASZ18	ASZ15	2N1537	2N1533		16
2N422	G	P	ET, NP, St	AC126	AC153	2N2429	2N651	2SB220	01
2N422				AC117	ACY17	2N1176			01
2N422				AC125	AC128				06
2N424	S	N	ET, NP, SR, St, TX	BLV17	BDV20	2N3446	2N5069		01
2N424									06
2N424A	S	N	ET, NP, SR, St, TX	BDY20		2N3056			06
2N424/1	S	N	SO	BDX11		2N3446	2N3055		10
2N425	G	P	ET, NP, St, UP	(AC152V1)	ASY27	2N3442			10
2N425				ASY22		2N1306			10
2N426	G	P	ET, NP, SR, St, TX	(AC152V1)	AF126	2N578	2N1306	HJ37	10
2N426				AF136	AF118				10
2N426				AF137	ASY27				10
2N427	G	P	ET, NP, SR, TX, UP	(AC152V1)	AF127	2N579	2N1307	2SA208	10
2N427				AFY15	OC45	2N1306			10
2N427				AF101	ASY27				10
2N428	G	P	ET, TX, NP, St, TX	(AC152V1)	ASY27	2N1307	2N1309	2SA208	10
2N428				AF127	AFY15	2N1306			10
2N428				OC45	AF101				10
2N428A	G	P	ET, NP, St, UP	(AC152V1)	ASY27	2N1306			10
2N432	S	N		BFY50		2N2297			10
2N432	S	N		BFY50		2N2297			10
2N436	G	N	ET, NP, St, TX, UP	ASY29		2N1304			10
2N436A	G	N	ET, NP, St, TX, UP	ASY29		2N1302	2N1304		10
2N439	G	N	ET, NP, St, TX	ASY29		2N1304			10
2N439A	G	N	ET, NP, St	ASY29		2N357	2N1306		10
2N439A						2N1304			10
2N440	G	N	ET, NP, St, TX, UP	ASY29		2N1304			10
2N440A	G	N	ET, NP, St	ASY29		2N358	2N1306		10
2N440A						2N1304			10
2N441	G	P	DD, MO, NP, UT	ADZ11	ADZ12	2N1100			06
2N442	G	P	DD, MO, NP, SR, UT	ADZ11	ADZ12	2N1100			06
2N443	G	P	DD, MO, NP, SR, UT	ADZ12	ASZ16	2N1100	2N1304		06
2N444	G	N	ET, NP, St	AC176		2N1012	2N1059	2SD11	01
2N444						2N2430			01
2N444A	G	N	ET, NP, St	AC176		2N2430			01
2N445	G	N	ET, NP, St	ASY29		2N356	2N1304		01
2N445A	G	N	ET, NP, SR	ASY29		2N1304			01
2N446	G	N	ET, NP, St	ASY29		2N357	2N1304		10
2N446A	G	N	ET, NP, St	ASY29		2N1304			10
2N447	G	N	ET, NP, St	ASY29		2N358	2N1304		10
2N447A	G	N	ET, NP, St	ASY29		2N1304			10
2N447B	G	N	ET	ASY29		2N1304			10
2N448	G	N	ET, NP, St	ASY29		2N1304			02
2N449	G	N	ET, NP, St	ASY29		2N1304			02
2N450	G	P	ET, NP, St	AF127	AFY15	2N1308	2N1306	2SA206	13
2N450				OC45	AF101				13
2N450				ASY27					13
2N451	S	N	St	BDY20		2N3055			
2N452	S	N	GE	BDY20		2N3055			
2N453	S	N	GE	BDY20		2N3055			
2N454	S	N	GE	BDY20		2N3055			
2N456	G	P	MO, TX, ET, NP, St	(AUY211V1)	ASZ16	2N456A	2N1536		06
2N456				ASZ17					06
2N456A	G	P	MO, TX, OD, ET, St	(AUY211V1)	ASZ16	2N1536			06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N456B	G	P	TX, OD, ET, SR	{AUJ21IV}	ASZ16	2N1553	2N1536		06
2N457	G	P	MO, TX, ET, SR, SS	AUY21IV	AD131	MP251	2N1536		06
2N457	G	P	MO, TX, OD, ET, S1	{AUJ21IV}	ASZ17				06
2N457A	G	P	TX, OD, ET, NP, SS	{AUJ21IV}	ASZ18	2N1536			06
2N457B	G	P	TX, OD, ET, NP, SS	{AUJ21IV}	ASZ16	2N1553	2N1536		06
2N458	G	P	MO, TX, ET, NP, SS	{AUJ21IV}	AUY22II	2N458A	2N561		06
2N458	G	P	MO, TX, DD, ET, NP	AUY28	AUY21II				06
2N458A	G	P	MO, TX, DD, ET, NP	{AUJ22IV}	ASZ16	2N1536			06
2N458B	G	P	TX, OD, ET, NP, SS	{AUJ22IV}	ASZ18	2N1555	2N1536		06
2N459	G	P	ET, MO, NP, SS, UT	ASZ15		2N378	2N1533		16
2N459A	G	P	ET, MO, NP, SR, SS	ASZ15		2N1533			16
2N460	G	P	MO, ET, NP, SR, St	{ASV48IV}	AC128	2N2431	2N4106	2S8224	01
2N460	G	P		AC153	AC131	2N1303	2N1176		01
2N460	G	P		AC108	AC117				01
2N460	G	P		ACY17					01
2N461	G	P	MO, ET, NP, SR, St	{ASV48IV}	AC128	2N2431	2N331	2S8220	01
2N461	G	P		AC153	AC117	2N1176			01
2N461	G	P		ACY17					01
2N462	G	P	ET, PC	AC153	AC117	2N331	2N2706	2S8220	10
2N462	G	P		OC73	AC128				10
2N462	G	P	WE	OC72					10
2N463	G	P		AD156	OC30	2N1555	2N1551	2S8107A	06
2N463	G	P		AD148	ASZ16	2N1536			06
2N464	G	P	MO, ET, NP, SR, St	{AC152IV}	AC128	2N2431	2N4270	2S8219	01
2N464	G	P		AC162	AC122	2N270	2N1176		01
2N464	G	P		ACY17	AC125				01
2N464	G	P		AC131	AC128	2N2431	2N270	2S8220	01
2N465	G	P	MO, ET, NP, SR, St	{AC152IV}	AC128	2N2431	2N270	2S8220	01
2N465	G	P		AC153	AC117	2N1176			01
2N465	G	P		ASY17	ASY77				01
2N466	G	P	MO, ET, NP, SR, St	{AC152IV}	AC128	2N2431	2N270	2S8220	01
2N466	G	P		AC151VI	AC117	2N1274	2N1176	2S8222	01
2N466	G	P		AC126	AC153				01
2N466	G	P		ACY17					01
2N467	G	P	MO, ET, NP, SR, St	{AC152VI}	AC128	2N2431	2N585	2S8227	01
2N467	G	P		AC153	AC171	2N1176			01
2N467	G	P		AC126	ASY80				01
2N467	G	P		ACY17					01
2N468	G	N		AD161		2N4077			01
2N469	P	S							04
2N470	S	N	TR, ET, NP, SQ, St	BSX45/6	BFY10	2N2297			02
2N470	S	N	TR, ET, NP, SQ, St	BFY49	BFY50				02
2N471	S	N	TR, ET, NP, SQ, St	BSX45/6	BFY10	2N706	2N2297		01
2N471	S	N	TR, ET, NP, SQ, St	BFY49	BFY50				01
2N471A	S	N	TR, ET, NP, SQ, St	BFY10	BFY49	2N706	2N2297		01
2N471A	S	N	TR, ET, NP, SQ, St	BFY50					01
2N472	S	N	TR, ET, NP, SQ, St	BSX45/6	BFY10	2N706	2N2297		02
2N472	S	N	TR, ET, NP, SQ, St	BFY49	BFY50				02
2N472A	S	N	TR, ET, NP, SQ, St	BFY10	BFY50	2N2297			01
2N473	S	N	TR, ET, NP, SQ, St	BSX45/6	BFY11	2N706	2N2297		01
2N473	S	N	TR, ET, NP, SQ, St	BFY49	BFY50				01
2N474	S	N	TR, ET, NP, SQ, St	BFY11	BFY69	2N706	2N2297		01
2N474	S	N	TR, ET, NP, SQ, St	BFY50					01
2N474A	S	N	TR, ET, NP, SQ, St	BFY10	BFY69	2N706	2N2297		01
2N474A	S	N	TR, ET, NP, SQ, St	BFY50					01
2N475	S	N	TR, ET, NP, SQ, St	BSX45/6	BFY11	2N706	2N2297		01
2N475	S	N	TR, ET, NP, SQ, St	BFY50					01
2N475A	S	N	TR, ET, NP, SQ, St	BFY50	BFY69	2N2297			01
2N476	S	N	TR, ET, NP, SQ, St	BCY66	BSY11	2N706	2N2297		01
2N476	S	N	TR, ET, NP, SQ, St	BFY50					01
2N477	S	N	TR, ET, NP, SQ, St	BCY65	BSY11	2N706	2N2297		01
2N477	S	N	TR, ET, NP, SQ, St	BFY50					01
2N478	S	N	TR, ET, NP, SR, St	BCY65	BSY11	2N706	2N2297		02
2N478	S	N	TR, ET, NP, SR, St	BFY50					02
2N479	S	N	TR, ET, NP, SQ, St	BCY65	BSY11	2N706	2N2297		02
2N479	S	N	TR, ET, NP, SQ, St	BFY50					02
2N479A	S	N	TR, ET, SR, SQ, St	BFY50		2N2297			01
2N480	S	N	TR, ET, NP, SR, TX	BCY85	BSY11	2N706	2N2297		02
2N480	S	N	TR, ET, NP, SR, TX	BFY50					02
2N480A	S	N	TR, ET, NP, SR, St	BFY50		2N2297			01
2N481	G	P	ET, NP, SR, St, UP	AF185	AF126	2N371	2N1305		02
2N481	G	P		AFY15	AF190				02
2N481	G	P		ASY27					02
2N482	G	P	ET, NP, St, UP	AF185	AF126	2N373	2N2189		02
2N482	G	P		AFY15	AF190	2N1305			02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N482				ASY27			02
2N483	G	P	ET, NP, SI, UP	AF185	AF126	2N373	02
2N483				AFY15	AF190	2N1306	02
2N484	G	P	ET, NP, SI, UP	ASY27			02
2N484				AF185	AF126	2N373	02
2N485	G	P	ET, NP, SI, UP	AFY15	ASY27	2N1306	02
2N485				AF185	AF126	2N374	02
2N485				AFY15	AF190	2N1306	02
2N486	G	P	ET, NP, SI, UP	ASY27			02
2N486				AF185	ASY27	2N1306	02
2N487	G	P	NP			25A32	01
2N489	U	U	PNGE, SM, TX				
2N489A	U	U	PNGE, SM, TX				
2N489B	U	U	PNGE, SM, TX				
2N490	U	U	PNGE, SM, TX				
2N490A	U	U	PNGE, SM, TX				
2N490B	U	U	PNGE, SM, TX				
2N490C	U	U	PNGE, SM, TX				
2N491	U	U	PNGE, SM, TX				
2N491A	U	U	PNGE, SM, TX				
2N491B	U	U	PNGE, SM, TX				
2N492	U	U	PNGE, SM, TX				
2N492A	U	U	PNGE, SM, TX				
2N492B	U	U	PNGE, SM, TX				
2N492C	U	U	PNGE, SM, TX				
2N493	U	U	PNGE, SM, TX				
2N493A	U	U	PNGE, SM, TX				
2N493B	U	U	PNGE, SM, TX				
2N494	U	U	PNGE, SM, TX				
2N494A	U	U	PNGE, SM, TX				
2N494B	U	U	PNGE, SM, TX				
2N494C	U	U	PNGE, SM, TX				
2N495	S	P	SO				
2N495/18	S	P	SP	BCY2B	BC177	2N354	02
				BC211		2N3085	02
				BC177		2N3065	
2N496	S	P	ID, SM, SO	BC177		2N3086	10
2N496/18	S	P	SP	BC177		2N3085	
2N497	S	N	ET, F, TX, NP, PH	BSX46-6	BFY50	7N3498	01
2N497A	S	N	ET, TX, NP, SS, S1	BSX46-6	BFY50	12297	01
2N498	S	N	ET, F, TX	(BSX47-6)	BSW66	2N1498	01
2N498						2N1513	01
2N498A	S	N	ET, TX	(BSX47-6)	BSW66	2N5581	01
2N499	G	P	ET, MO	(AF127)	AF106	2N328	02
2N499				AF137	AF102	2N371	02
2N499				AF124		2N990	02
2N499A	G	P	ET, MO	(AF127)	AF124	2N3323	02
2N500	G	P	SR	AF124		2N3323	02
2N500						2N990	02
2N501	G	P	ET, MO	(AF126)	AF106	2N960	13
2N501				AF137	AF102	2N2189	13
2N501				AF124			13
2N501A	G	P	ET, MO	(AF127)	AF124	2N960	13
2N501/18	G	P	SY	AF124		2N990	02
2N502	G	P	ET, MO	(AF127)	ASZ21	2N3283	02
2N502				AF124		2N990	02
2N502A	G	P	ET, MO	(AF127)	AF124	2N3284	02
2N502B	G	P	ET, MO	(AF127)	AF124	2N990	02
2N503	G	P	ET, NP, SO	ASZ21	AF106	2N3284	02
2N504	G	P	ET, NP, SP	AF185	AF124	2N3323	02
2N504				AF124	AF114	2N2189	02
2N504						2N990	02
2N504	G	P	ET, NP	AF135		2N1305	02
2N506	G	P	ET, NP	ASY27		2N406	01
2N506				AC151	AC126		01
2N506				AC122	AC163		01
2N506				OC7E			01
2N507	G	N	ET, NP	AC127	AC178	2N2430	01
2N508	G	P	GE, MO, ET, SI, UP	(AC152V1)	AC126	2N2429	01
2N508				2G508	ACY17	2N1178	01
2N508A	G	P	GE, MO, ET, NP, S1	(ASY70V1)	AC126	2N2429	01
2N508A				ACY17		2N1189	01
2N509	G	P	WE	ACY17		2N1195	02
2N511	G	P	ET, SR, SS	ADY26		2N1554	06
2N511						2N456A	06
2N511A	G	P	ET, SS			2N1100	06
2N511B	G	P	ET, NP, SR, SS			2N1555	06
2N511B						2N1556	16

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N512	G	P	ET, NP, TX			2N1558	2N456A		06
2N512A	G	P	ET, NP, SR, SS, TX			2N1559			06
2N512B	G	P	ET, NP, SR, SS, TX			2N1560			16
2N513	G	P	ET, NP, SR			2N1163	2N456A		06
2N513A	G	P	ET, NP, SR			2N1165			06
2N513B	G	P	ET, NP, SR			2N1167			16
2N514	G	P	ET, NP, SR	ADY26		2N1163	2N1100		16
2N514A	G	P	ET, NP, SR			2N1165			16
2N514B	G	P	ET, NP, SR			2N1167			16
2N515	G	N	ET, NP	ASY26	ASY73	2N1304			02
2N515				ASY29					02
2N516	G	N	CI, ET	ASY26	ASY29	2N1304			02
2N516				ASY73					02
2N517	G	N	ET, CI	ASY26	ASY73	2N1306	2N1304		02
2N517				ASY29					02
2N518	G	P	ET, CI	ASY27		2N404	2N1305		10
2N519	G	P	ET, CI, II	AC153	AC117R	2N404	2N578		10
2N519				AC128	ASY27	2N1305			10
2N519A	G	P	CI, II, ET	ASY17		2N1176			10
2N520	G	P	CI, ET, II	ASY26	ASY27	2N404	2N578		10
2N520									10
2N520A	G	P	CI, ET, II	ASY27		2N1305			10
2N521	G	P	CI, ET, II	ASY27		2N579	2N1377		10
2N521						2N1305			10
2N521A	G	P	CI, ET, II	ASY27		2N1305			10
2N522	G	P	CI, ET, II	ASY27		2N522A	2N1309		10
2N522						2N1306			10
2N522A	G	P	CI, ET, II	ASY27		2N1306			10
2N523	G	P	CI, ET, II	ASY27		2N1305	2N1377		10
2N523A	G	P	CI, ET, II	ASY27		2N1305			10
2N524	G	P	MO, GE, TX	ASY48IV	AC152	2N1305	2N1176	25B224	01
2N524				AC131/50	AC128				01
2N524				OC76	ACY17				01
2N524A	G	P	MO, CI, ET, II	[ASY48IV]	ACY17	2N1176			01
2N525	G	P	GE, MO, TX	ASY48IV	AC152	2N1373	2N1191	25B225	01
2N525				ASY26	OC80	2N1176			01
2N525				AC153	OC72				01
2N525				ACY17					01
2N525A	G	P	MO, CI, ET, II	[ASY48IV]	ACY17	2N1178			01
2N526	G	P	GE, MO, TX	[ASY48V]	ASY48VI	2N586	2N1307	25B226	01
2N526				ASY80	ASY26	2N1176			01
2N526				AC117	AC126				01
2N526				AC153	ACY17				01
2N526A	G	P	MO, CI, ET, II	[ASY48VI]	ACY17				01
2N527	G	P	GE, MO, TX	ASY48VI	AC152	2N1307	2N1176	25B227	01
2N527				ASY80	AC131/50				01
2N527				AC117	AC128				01
2N527				ACY17					01
2N527A	G	P	MO, CI, ET, II	[ASY48VI]	ACY17	2N1307	2N1176		01
2N528	G	P	WE	ACY17		2N1176			01
2N529	G	P	ET, CI	ASY27		2N1307	2N1307		01
2N530	G	P	ET, CI	ASY48IV	AC122 ^{gn}	2N404	2N1309	25B264	01
2N530				AC128	ASY27	2N1305			01
2N531	G	P	ET, CI	ASY27		2N1305			01
2N532	G	P	CI, ET	ASY27		2N1305			01
2N533	G	P	ET, FR, UP	ASY27		2N1305			01
2N534	G	P	ET, NS, PH	AC125		2N1189	2N406		01
2N535	G	P	CN, ET, FR	AC126	AC117	2N2429	2N1192	25B264	01
2N535				AC153	AF181	2N404	2N406		01
2N535				AC125		2N1305			01
2N535A	G	P	ET	AC126	ACY17	2N2429	2N1192		01
2N535A						2N1176			01
2N535B	G	P	ET	ACY17		2N1176			01
2N536	G	P	ET	AF181	ASY27	2N1193	2N404		10
2N536						2N1305			10
2N537	G	P	WE	AF139	AF186				02
2N537				AF238S					02
2N538	G	P	SR, SS	AUY211I	AUY28	2N2140	T13027		16
2N538				AS21B	OC26	2N1533			16
2N538				AS21B					16
2N538A	G	P	SR, SS	AS215		2N2140	2N1533		16
2N539	G	P	SR, SS, UP	ADY26	ASZ15	2N2145	T13027		16
2N539				ASZ18		2N1533			16
2N539A	G	P	SR, UP	ASZ15		2N2146	2N1533		16
2N540	G	P	SR, SS	AD128/50	ASZ18	2N1551	T13027		16

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N540				OC26	ASZ16	2N1533			16
2N540A	G	P	SR, SS	ASZ15		2N1551	2N1533		02
2N541	S	N	TR, ET, TX, NP, SM	BCY59	BSY44	2N2297			16
2N541				85Y11	BFY50				02
2N542	S	N	TR, ET, NP, TX, SR	BFY50		2N2297			02
2N542A	S	N	TR, ET, NP, SR, St	BFY50		2N2297			01
2N543	S	N	TR, ET, NP, TX, SR	BFY50		2N2297			02
2N543A	S	N	TR, ET, SR, SO, St	BFY50		2N2297			01
2N544	G	P	RC, SY	AF185, AF138	AF128 AF116	2N990		HJ75	02
2N544/33	G	P	SY	AF124		2N990			02
2N545	S	N	TR, ET, GS, NP, UN	BSW66		2N4238	2N1893		02
2N546	S	N	TR, ET, GS, NP, UN	BFY50		2N4237	2N2297		02
2N547	S	N	TR, ET, UN, NP, SO	BSW66		2N3766	2N4238		02
2N547						2N1893			02
2N548	S	N	TR, ET, NP, St, UN	BFY50		MJ3101	2N4237		02
2N548						2N2297			02
2N549	S	N	TR, ET, NP, St, UN	BSW66		2N1893	2N2243A		02
2N549						2N4238			02
2N550	S	N	TR, ET, NP, St, SO	BFY50		2N1893	2N2243A		02
2N550									02
2N551	S	N	TR, ET, NP, SO, St	BSW66		2N2297	2N1893		02
2N552	S	N	TR, ET, NP, SO, St	BFY50		2N1893	2N2243A		02
2N552						2N2297			02
2N553	G	P	ET, NP, SR, SS, St	ASZ16	ASZ16	2N2144	2N1536		16
2N554	G	P	MO, DO, ET, SR, St	AD149IV	ASZ16	T1301	2N301		06
2N554						T13027	2N1536		06
2N555	G	P	MO, ET, NP, SR, St	AD149IV	ASZ16	T13027	2N1536		06
2N556	G	N	ET, NP	ASY75	ASY29	2N1551	2N1302		10
2N556						2N1304			10
2N556A	G	N							10
2N557	G	N	ET, NP	ASY75	ASY29	2N1304			10
2N557A	G	N				2N5681			10
2N558	G	N	NP	ASY75	ASY29	2N1308	2N1304		10
2N558A	G	N		ASY29		2N1304			10
2N559	G	P	TX, WE	AF108		2N645			10
2N560	S	N	NP, SM, SR, SO, TD	BSX33		2N731			10
2N561	G	P	ET, NP, SR	AD131	AD149	2N456A	2N618	2S8249	01
2N561				ASZ16	ASZ18	2N1533			01
2N561									01
2N563	G	P	ET, NP	AC128	AC153	2N2431	2N650	2S8219	10
2N563				AC131	AC152	2N1924	2N1176		10
2N563				OC76	ACY17				10
2N564	G	P	ET, NP, St	AC128	AC152	2N2431	2N650	2S8224	10
2N564				AC131	OC76	2N1176			10
2N564									10
2N565	G	P	ET, NP, St	ACY17	AC153	2N2431	2N651	2S8101	10
2N565				AC128	OC72	2N1176			10
2N565				AC117					10
2N566	G	P	ET, NP, St	ACY17	AC153	2N2431	2N651	2S8101	10
2N566				AC128					10
2N566					OC72	2N1176			10
2N566				AC117					10
2N567	G	P	ET, NP, St	ACY17	AC157	2N2431	2N651	2S8103	10
2N567				AC128	AC152	2N1176			10
2N567				AC131	ACY17				10
2N567				OC76					10
2N568	G	P	ET, NP, St	AC128	AC153	2N2431	2N651	2S8103	10
2N568				AC117	OC72	2N1176			10
2N568				ACY17					10
2N569	G	P	ET, NP, St	AC128	AC153	2N2431	2N1193	2S8103	10
2N569				AC117	OC72	2N1176			10
2N569									10
2N570	G	P	ET, NP, St, UP	ACY17	AV153	2N2431	2N1192		10
2N570				AC128	ACY17	2N1176			10
2N571	G	P	ET, NP, St	AC117R	AC153	2N2431	2N1193		10
2N571				AC128	ACY17	2N1176			10
2N572	G	P	ET, NP, St	AC128	AC163	2N2431	2N1193		10
2N572				AC117R	ACY17	2N1176			10
2N573	G	P	ET, NP	ACY17		2N1176			01
2N574	G	P	SO, SS	AUY20V1	ADZ12	2N1550	2N456A		16
2N574				AUY22	ASZ16	2N1022A	2N1536		16
2N574A	G	P	SO, SS	ASZ15		2N1551	2N1533		16
2N575	G	P	SO, SS	AUY20V1	ADY36	2N1554			16
2N575				ADY26	AUY22				16
2N575A	G	P	SO, SS			2N1555			16
2N576	G	N	ET, NP	ASY28	ASY73	2N1304	2N1306		10

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N576				ASY29					10
2N576A	G	N	ES, ET, NP	ASY29		2N1304			10
2N578	G	P	ET, NP, S1, UP	ASY27		2N404	2N1305		10
2N579	G	P	ET, NP, S1, UP	AF127	AF101	2N404	2N1305		10
2N579				OC45	ASY27				10
2N580	G	P	ET, NP, S1, UP	ASY27		2N1307	2N1309		10
2N580						2N1306			10
2N581	G	P	ET, NP, SS, S1, TX	ASY27		2N1305			10
2N582	G	P	ET, NP, SR, S1, TX	ASY27		2N1305			10
2N583	G	P	ET, NP	AFY12	ASY27	2N1305			10
2N584	G	P	ET, NP	ASY27		2N1305			10
2N585	G	P	ET, NP, SR	AC117	AC153			25B225	10
2N585				ASY25	ASY29				10
2N586	G	P	ET, NP	AC153		2N1191	2N2706	25B225	10
2N586				AC128	AC117				10
2N586				AC132					10
2N587	G	N	ET, NP, SS, S1, TX	AC176		2N2430		25T11	10
2N588	G	P	ET, NP, SP	ASZ21	AF124	2N3324	2N990		02
2N588A	G	P	S1	AF124		2N990			02
2N589	G	P	ET, NP	ASZ21	ASZ15	2N3324	2N1532		06
2N589						2N1533			06
2N591	G	P	ET, NP, SS	AC126	AC153V1	2N2429	2N406	25B100	01
2N591				AC122/30	AC122				01
2N591				AC128	AC125				01
2N591/5	G	P	SY	AC126		2N2429	2N406		01
2N592	G	P	S1	AC153	AC131	2N607	2N608	25B65	10
2N592				OC76	AC152	2N406			10
2N592				AC126					10
2N593	G	P	S1	AC153	AC131	2N604	2N608	25B66	10
2N593				OC76	AC152	2N406			10
2N593				AC126					10
2N594	G	N	SS, S1, TX	ASY29		2N1304			10
2N596	G	N	SS, S1, TX	ASY29		2N1304			10
2N596	G	N	ID, SS, TX	ASY29		2N1304			10
2N597	G	P	ET, NP, S1	AC153	AC131	2N3427	2N1306	25B225	10
2N597				AC128	AC117	2N1176			10
2N597				OC72	ACY17				10
2N598	G	P	ES, ET, NP, S1	ACY17		2N3427	2N1997		10
2N598						2N1998	2N1176		10
2N599	G	P	ET, NP, SQ, S1	ASY27		2N3428	2N1997		10
2N599						2N1999	2N1305		10
2N600	G	P	SQ			2N3427	2N1997		16
2N600						2N1998			16
2N601	G	P	SQ, ID			2N3428	2N1997		16
2N601						2N1999			16
2N602	G	P	SM, SQ	AC152	ASY24	2N643	2N2635	25B65	13
2N602				AC128	AC131	2N990			13
2N602				AF124					13
2N602A	G	P	SM, SQ	AF124		2N990			13
2N603	G	P	SM, SQ	AC152	ASY24	2N644	2N2635	25B65	13
2N603				AC128	AC131	2N990			13
2N603				AF124					13
2N603A	G	P	SM, SQ	AF124		2N990			13
2N604	G	P	SM, SQ	AC152	ASY24	2N645	2N2635	25B65	13
2N604				AC128	AC131	2N990			13
2N604				OC76	AF124				13
2N604A	G	P	SM, SQ	AF124		2N990			13
2N605	G	P	S1	AC152	ASY24	2N608	2N2635	25B65	02
2N605				AC128	AC131	2N406			02
2N605				OC307	AC126				02
2N606	G	P	S1	AC152	ASY24	2N603	2N2635	25B65	02
2N606				AC128	AC131	2N406			02
2N606				OC76	AC126				02
2N607	G	P	S1	AC152	ASY24	2N605	2N2635	25B65	02
2N607				AC128	AC131	2N406			02
2N607				OC76	AC126				02
2N607				AC152	ASY24	2N606	2N2635	25B65	02
2N608	G	P	S1	AC128	AC131	2N406			02
2N608				OC72	AC126				02
2N609	G	P	ET, NP	AC128	AC153	2N2431	2N1193		01
2N609				AC117R	ACY17	2N217	2N404		01
2N609						2N1176			01
2N610	G	P	ET, NP, UP	AC128	AC153	2N2431	2N1193	25B222	01
2N610				AC117	OC72	2N217	2N404		01
2N610				ACY17		2N1176			01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N611	G	P	ET, NP, UP	AC126	AC153	2N2431	2N1192	25B222	01
2N611				AC117	OC72	2N217	2N1309		01
2N611				ACY17		2N1176			01
2N612	G	P	ET, NP	AC126	AC152	2N2431	2N1191	25B224	01
2N612				AC122	AC131	2N217	2N406		01
2N612				ASY26	AC125				01
2N613	G	P	ET, NP, UP	AC126	AC152	2N2431	2N1191	25B224	01
2N613				AC122	AC131	2N217	2N270		01
2N613				ASY26	AC125	2N406			01
2N614	G	P	ET, NP	AF185	AF124	2N373	2N2614		02
2N614				AF137	OC44N				02
2N615	G	P	ET, NP	AF185	AF127	2N373	2N2614		02
2N615				AF137	OC44N				02
2N616	G	P	ET, NP	AF185	OC44N	2N2614			02
2N617	G	P	ET, NP, UP	AF185	AF106	2N374	2N2614		02
2N617				AFY15	OC44N				02
2N618	G	P	ET, MO, SR, NP, SS	AD131	AD138/50	2N561	2N1533	25B249	06
2N618				OC28	AD12				06
2N618				ASZ15	IA0132V1				06
2N619	S	N	SM	BC107		A157			01
2N620	S	N	SM	BFY11	BC107	A157			01
2N621	S	N	SM	BC107		A157			01
2N622	S	N	SM	BFY50		2N2297			06
2N623	G	P	St	AF124	AF134	2N297	2N990	25A116	
2N623				AF130	AF135				
2N624	G	P	SY	AC153	AF134	2N188	2N2188		02
2N624				AC126	AF124	2N990			02
2N625	G	N	SY	AD161		2N4077			10
2N627	G	P	MO, ET, SR, NP	ASZ16		2N1536			06
2N628	G	P	MO, ET, NP, SR	ASZ16		2N561	T13027		06
2N628						2N1536			06
2N629	G	P	MO, ET, NP, SR	ADZ12	ASZ15	2N561	T13027		06
2N629						2N1533			06
2N630	G	P	MO, ET, NP, SR	ASZ15		2N1014	T13027		06
2N630						2N1533			06
2N631	G	P	ET, NP, SO, St, UP	AC126	AC153	2N2431	2N1194	25B33	01
2N631				AC124	OC72	2N404	2N1305		01
2N631				ASY26	ASY27				01
2N632	G	P	ET, NP, St, UP	AC126	AC131	2N2431	2N1193	25B37	01
2N632				AC152	OC76	2N404	2N1305		01
2N632				ASY27					01
2N633	G	P	ET, NP, St, UP	AC126	AC153	2N2431	2N1192	25B37	01
2N633				AC131	OC76	2N404	2N1176	25B270	01
2N633				AC117	OC72				01
2N633				ACY17					01
2N634	G	N	ET, NP	ASY29		2N1304			13
2N634A	G	N	ET, NP, SS, TX	ASY29		2N1304	2N1306		10
2N636	G	N	ET, NP	ASY29		2N1091	2N1304		13
2N636A	G	N	ET, NP, SS, TX	ASY29		2N1304			10
2N636	G	N	ET, NP	ASY29		2N1091	2N1304		13
2N636A	G	N	ET, NP, SS, TX	ASY29		2N1304			10
2N637	G	P	ET, NP, SR	AD131	OC28	2N1535	2N561	25B248A	16
2N637				OD605	ASZ16	2N638	2N1536		16
2N637A	G	P	ET, NP, SR	ASZ16		2N1537	2N561		16
2N637A						2N1536			16
2N637B	G	P	ET, NP, SR	ASZ15		2N1538	2N1533		16
2N638	G	P	SD, ET, NP, SR	AC153	AC131	2N1530	2N561	25B248A	16
2N638				OC76	OC28	2N637	2N1536		16
2N638				ASZ16		2N1532	2N561		16
2N638A	G	P	SD, ET, NP, SR	ASZ15		2N1537	2N561		16
2N638A						2N1533			16
2N638B	G	P	SD, ET, NP, SR	ASZ16		2N1533	2N561		16
2N638B						2N1536			16
2N639	G	P	ET, NP, SR	ASZ16		2N1530	2N561		16
2N639						2N1536			16
2N639A	G	P	ET, NP, SR	ASZ15		2N1532	2N456A		16
2N639A						2N561	2N1533		16
2N639B	G	P	ET, NP, SR	ASZ15		2N1533			16
2N640	G	P	RC	AF185	AF125	2N642	2N2188	25A114	01
2N640				AF136	AF115	2N990			01
2N640				AF116	AF126				01
2N640				AF127					01
2N641	G	P	RC	AF185	AF125	2N990		25A114	01
2N641				AF136	AF126				01
2N641				AF132	AF124				01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N642	G	P	RC	AF 185	AF 126	2N990		2SA114	01
2N642				AF 136	AF 132				01
2N642				AF 137	AF 124				01
2N643	G	P	RC	AF 124		2N2955	2N1309		10
2N643						2N2635	2N990		10
2N644	G	P	RC	AF 124		2N2955	2N1309		10
2N644						2N2635	2N990		10
2N645	G	P	RC, S1	AF 124		2N2955	2N1309		10
2N646	G	N	S1	AC176		2N2635			01
2N647	G	N	ET, NP	AC126	ASY29	2N2430	2N1306		01
2N647				AC176					01
2N647/22	G	N	SY	AC176		2N2430			01
2N649	G	N	ET, NP	AC127	AC176	2N2430	2N1306		01
2N649/22	G	N	SY	AC176		2N2430			01
2N650	G	P	ET, MO, ES, NP, SR	(ASY48IV)	AC153	2N1997	2N1176	2SB247	01
2N650				AC117	AC126				01
2N650				OC31B	ACY17				01
2N650A	G	P	ET, MO, ES, NP, SR	(ASY48IV)	AC117	2N1176			01
2N651	G	P	ET, MO, NP, SR, WA	(ASY48V)	AC153	2N1997	2N1176	2SB247	01
2N651				AC117	AC126				01
2N651				ACY17	AC126				01
2N651A	G	P	ET, MO, ES, NP, SR	ASY48V	AC117	2N1997	2N1176	2SB247	01
2N651A				AC126	AC153				01
2N651A				ACY17	AC126				01
2N652	G	P	ET, MO, SR, SS, WA	IASY48VII	AC153	2N1997	2N1176	2SB247	01
2N652				ASY26	AC126				01
2N652				AC117	AC117				01
2N652A	G	P	ET, MO, NP, SR, S1	(ASY48VII)	AC117	2N1997	2N1176	2SB222	01
2N652A				AC126	AC153				01
2N652A				ACY17					01
2N653	G	P	ET, MO, NP, SR, S1	IAC151VI	ACY17	2N1997	2N1176		01
2N654	G	P	ET, MO, NP, SR, S1	IAC151VII	ACY17	2N1997	2N1176		01
2N655	G	P	ET, MO, NP, SR, UP	(IAC151VII)	ACY17	2N1997	2N1176		01
2N656	S	N	PH, ET, F, MO, TX	BSX46/6	BSX45	2N2102	2N3498		01
2N656				BSX22	8FY50	2N4331	2N2297		01
2N656A	S	N	ET, MP, SM, TD, TX	BFY50		2N2297			01
2N657	S	N	F, MO, TX, SR, ET	(BSX47-6)	BSW66	2N3498	2N1893		01
2N657A	S	N	ET, TX, NP, SM, S1	(BSX47-6)	BSW66	2N1893			01
2N658	G	P	ET, NP, SS, S1, TX	AC153	AC117	2N2000	2N1306		10
2N658				AC126	AD162				10
2N658				ASY27					10
2N659	G	P	ET, NP, SO, S1, TX	AC153	AC117	2N2000	2N578		10
2N659				AC126	AD162	2N1305			10
2N659				ASY27					10
2N660	G	P	ET, NP, SR, S1, TX	AC153	AC117	2N643	2N2000		10
2N660				AC126	AD162	2N1305			10
2N660				ASY27					10
2N661	G	P	ET, NP, SR, S1, TX	AD162	ASY29	2N643	2N2000		10
2N661				AC153	AC117	2N1305			10
2N662	G	P	ET, NP, SR, S1, TX	AC153	AC117	2N579	2N2000		10
2N662				OC76	AC126	2N1305			10
2N662				AD162	ASY27				10
2N663	G	P	ET, NP	ASZ16		2N2143	2N1536		16
2N665	G	P	ET, MO, ES, NP, SR	(IAUY22IV)	ADY26	T13027	2N1536		16
2N665				ASZ16					16
2N669	G	P	ET, MO, SR, NP, SS	(AD131V)	ASZ16	T13027	2N1536		06
2N670	G	P	SO	AC117	AC128	2N3428	2N1038	2SB222	01
2N670				AC153	ACY17	2N1176			01
2N671	G	P	SS, PH	ACY17		2N3428	2N1038		01
2N671						2N1176			01
2N672	G	P	ET, NP, SO	ACY17		2N3428	2N1038		01
2N672						2N1176			01
2N673	G	P	SO	ACY17		2N3428	2N1038		01
2N673						2N1176			01
2N674	G	P	SO	ACY17		2N3428	2N1038		01
2N674									01
2N674						2N1176			01
2N675	G	P	SO	ACY17		2N3428	2N1176		01
2N677	G	P	ET, SD, ST, SR, NP	(IAUY29IV)	ASZ16	2N1553	2N456A		06
2N677						2N1536			06
2N677A	G	P	ET, SD, ST, SR, NP	(IAUY29IV)	ASZ16	2N1554	2N1536		06
2N677A									06
2N677A									06
2N677C	G	P	ET, NP, SR	ASZ15		2N1555	2N1533		06
2N677C				ASZ15		2N1556			06
2N678	G	P	ET, SD, ST, SR, NP	(IAUY29V)	AD133	2N1557	2N456A		06
2N678				ADZ11	ASZ16	2N1536			06
2N678A	G	P	ET, SD, ST, SR, NP	(IAUY29V)	ASZ16	2N1558	2N1536		06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N678B	G	P	SO, NP, SR	ASZ15		2N1559	2N1533		06
2N678C	G	P	SO NP, SR	AS715		2N1560	2N1533		06
2N679	G	N	ET, NP	ASY29		2N1304			01
2N680	G	P	ET, NP	AC153	AC117	2N1191	2N404	25011	01
2N680	G	P	ET, NP	AC128	AC117	2N1309	2N1176		01
2N694	G	P	WE	AF124		2N990			02
2N695	G	P	MO	ASZ21	AF106	2N2636			10
2N696	S	N	F, MO, TX, ST, FE	BFY56	BSX45-6	2N596	2N3567		10
2N696	S	N	F, MO, TX, ST, FE	BSY44	BFY50	2N2218A	2N2218		10
2N696	S	N	F, MO, TX, ST, FE			2N697	2N2297		10
2N696A	S	N	ET, SM, S1	BSX45-6	BFY50	2N2218	2N2297		10
2N697	S	N	F, MO, TX, FE, IT	BSX45-6	BFY56	EN697	2N2218A		10
2N697	S	N	F, MO, TX, FE, IT	BSX45-10	BSY44	2N2218	2N2297		10
2N697	S	N	F, MO, TX, FE, IT	BSY51	BFY50				10
2N697A	S	N	ET, NP, S1, TD	BSX45-6	BFY50	2N2218	2N2297		10
2N698	S	N	F, IC, RA, RY, TR	BSX47-6	BSW66	2N3496	2N2243A		10
2N698	S	N	F, IC, RA, RY, TR	BSX46-10	BF178	2N2297			10
2N698	S	N	F, IC, RA, RY, TR	BFY56					10
2N699	S	N	F, IC, MO, RY, RC	BSX47-6	BSX47-10	2N3496	2N2243A		10
2N699	S	N	F, IC, MO, RY, RC	BSW67	BF178	2N1893			10
2N699	S	N	F, IC, MO, RY, RC	BSW64					10
2N699A	S	N	ET, F, RC, CN, CA	BSX47-6	BSW66	2N1893			10
2N699B	S	N	F, RY, CN, CA, ET	BSX47-6	BSW66	2N3496	2N1893		02
2N700	G	P	MO, CN, IO, SR	(AF128)	AF139	2N2416	2N5043		02
2N700	G	P	MO, CN, IO, SR	AF186	AF2395				02
2N700A	G	P	MO, CN, SO	(AF127)	AF2395				02
2N700A/18	G	P	SY	AF2395					02
2N700/18	G	P	SY	AF2395					02
2N702	S	N	ET, MO, CN, SM, SO	(BCY98V/11)	BSX20	2N835	2N2369		13
2N701	S	N	ET, F, MO, CN, TR	BCY85V/11	BFY74	2N3691	2N635		13
2N703	G	P	TX, MO, SR, PH, ES	BSX20		2N2369			13
2N705	G	P	TX, MO, SR, PH, ES	AFY11	AF106	2N964			13
2N705	G	P	TX, MO, SR, PH, ES	AFY19	ASZ21				13
2N705A	G	P	CN, SR	AF106		2N964			13
2N706	S	N	F, MO, TX, CN, ET	BSY62A	BSX87	EN914	2N706A		13
2N706	S	N	F, MO, TX, CN, ET	BSY62	BSX19	2N964	2N2369		13
2N706	S	N	F, MO, TX, CN, ET	BSY38	BSY20				13
2N706	S	N	F, MO, TX, CN, ET	BSY7H					13
2N706A	S	N	BL, ET, FE, MO, PH	BSY82A	BSX19	EN706	2N2369		13
2N706A	S	N	BL, ET, FE, MO, PH	BSY38					13
2N706A-46	S	N	SM	BSX20		2N2369			13
2N706A/51	S	N	SY	BSX20		2N2369			13
2N706B	S	N	F, MO, TX, GI, IT	BSY62A	BSX20	EN706	2N2369		13
2N706B/46	S	N	SM	BSX20		2N2369			13
2N706B/51	S	N	SY	BSX20		2N2369			13
2N706C	S	N	ET, CN, CA, FR, NY	BSY62A					13
2N706C/46	S	N	SY	BSX20		2N2369			13
2N706C/51	S	N	SY	BSX20		2N2369			13
2N706C/46	S	N	SY	BSX20		2N2369			13
2N706/51	S	N	SY	BSX20		2N2369			13
2N707	S	N	ET, MO, CN, EM, SM	BSX28	BSW64	EN3014	2N2483		00
2N707	S	N	ET, MO, CN, EM, SM			2N2484	2N2222A		00
2N707A	S	N	ET, MO, EM, FR, SM	BSW64		2N2483	2N2222A		02
2N708	S	N	F, BL, ET, FE, IT	BSX88	BSY63	EN914	2N2369		13
2N708	S	N	F, BL, ET, FE, IT	BSX19	BSX20				13
2N708	S	N	F, BL, ET, FE, IT	BSY19					13
2N708	S	N	F, BL, ET, FE, IT	BSY63					13
2N708	S	N	F, BL, ET, FE, IT	BSX19					13
2N708	S	N	F, FR, IO	BSY19					13
2N708A	S	N	F, FR, IO	BSY63		2N834	2N2222A		13
2N708/46S	S	N	SY	BSX20		2N2369			13
2N708/51	S	N	SY	BSX20		2N2369			13
2N709	S	N	F, ET, CN, NT, RC	BSX27	BSY18	2N2369A	2N2369		13
2N709	S	N	F, ET, CN, NT, RC						13
2N709	S	N	F, ET, CN, NT, RC		BSX44				13
2N709	S	N	F, ET, CN, NT, RC		BSX20				13
2N709A	S	N	F, MU, CN	(BSY18)	BSX27	2N2369			13
2N709A	S	N	F, MU, CN	BSX20					13
2N709A/46	S	N	SM	BSX20		2N2369			13
2N709A/51	S	N	TR, SY	BSX20		2N2369			13
2N709/46	S	N	SM	BSX20		2N2369			13
2N720	G	P	TX, MO, SR	ASZ21		2N964	2N838		13
2N710A	G	P	SR	ASZ21		2N964	2N838		13
2N711	G	P	TX, MO, SR, PH, MU	AFY11	AC125	2N964	2N838		13
2N711	G	P	TX, MO, SR, PH, MU	ASZ21	AF106				13
2N711A	G	P	MO, TX, ES, FR, NU	(AFY11)	ASZ21				13
2N711B	G	P	MO, TX, FR, SR	(AFY11)	ASZ21				13
2N715	S	N	ET, SM, SO, S1	BSW64		2N2221	2N4875		02
2N715	S	N	ET, SM, SO, S1			2N2222A			02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N807	G	P	RY	ASY27		2N404	2N1305		10
2N808	G	P	RY	ASY27		2N404	2N1305		10
2N809	G	P	RY	ASY27		2N404	2N1305		02
2N810	G	P	RY	ASY27		2N404	2N1305		02
2N811	G	P	RY	ASY27		2N1305			02
2N812	G	P	RY	ASY27		2N404	2N1305		02
2N813	G	P	RY	ASY27		2N404	2N1305		02
2N814	G	P	RY	ASY27		2N404	2N1305		02
2N815	G	N	RY	ASY29		2N1304			10
2N816	G	N	RY	ASY29		2N1304			10
2N817	G	N	RY	ASY29		2N1304			10
2N818	G	N	RY	ASY29		2N1304			10
2N819	G	N	RY	ASY29		2N1304			10
2N820	G	N	RY	ASY29		2N1304			10
2N821	G	N	GI, RY	ASY29		2N1304			10
2N822	G	N	RY	ASY29		2N1304			10
2N823	G	N	RY	ASY29		2N1304			10
2N824	G	P	RY	ASY27		2N1305			02
2N825	G	P	RY	ASY27		2N404	2N1305		10
2N826	G	P	RY	ASY27		2N404	2N1305		10
2N827	G	P	MO, SO						13
2N828	G	P	MO, SR, SO						13
2N828A	G	P	MO, SO						13
2N829	G	P	MO, SO						13
2N834	S	N	MO, F, IT, TI, GI	BSX26	BSY63	2N4274	2N3014		13
2N834				BCY56	BSY23	2N2369			13
2N834				BSX20					13
2N834A	S	N	CN, CA, RY, IT, SG	BSX26	BSY63	2N4274	2N2369		13
2N834A				BF Y66	BSX20				13
2N834/46	S	N	SM	BSX20		2N2369			16
2N834/51	S	N	TR	BSX20		2N2369			13
2N836	S	N	F, MO, IT, TR, GI	BSY63	BSX20	2N4274	2N3014		13
2N835	S	N	SM	BSY63	BSX20	2N2369			13
2N836/46	S	N	SM	BSX20		2N2369			13
2N836/51	S	N	TR	BSX20		2N2369			13
2N837	G	P	SR			2N838			13
2N838	G	P	MO			2N2635			13
2N839	S	N	ET, TR, TI, SM, SO	BCY59V11	BSY44	2N2222	2N992		02
2N839				BF 177	BSY11	2N930	A157		02
2N838				BC107					02
2N840	S	N	ET, MO, TR, SM, TI	BCY59V11	BC107	2N2221	2N928		02
2N840						2N930	A157		02
2N841	S	N	ET, MO, TR, TI, SM	BCY59V11	BC107	2N2222	2N929		02
2N841/46	S	N	SM	BC107		2N930	A157		02
2N841/51	S	N	TR	BC107		A157			02
2N842	S	N	ET, TR, SM, SO, TI	BCY59V11	BC107	2N2221	2N4252		02
2N842						2N4253	A157		02
2N843	S	N	ET, TR, SM, SO, TI	BCY59V11	BC107	2N2222	2N4252		02
2N843						2N4253	A157		02
2N844	S	N	TR, SM, SO, TI	BC107		2N1893	2N2243A		02
2N844						A157			02
2N845	S	N	TR, SM, SO, TI	BSX21		2N1893	2N2243A		02
2N845						2N2696			02
2N846	G	P	SP, PH			2N960	2N964		13
2N846A	G	P	FR, ID, SP			2N960	2N964		13
2N846B	G	P	PH			2N960	2N964		13
2N847	S	N	RY	BSX20		2N2369			10
2N848	S	N	RY	BSX20		2N2369			10
2N849	S	N	TX, SM, SQ	BSX48	BSX19	2N835	2N2369		13
2N849				BSX20					13
2N850	S	N	TX, SM	BSX18	BSX20	2N834	2N2369		13
2N851	S	N	TX, SM, SQ	BSX18	BSX19	2N835	2N2369		13
2N851				BSX20					13
2N852	S	N	TX, SM, SQ	BSX20		2N834	2N2369		13
2N858	S	P	CR, SM, ID, SP, SO	BSW24		2N2945	2N2907A		10
2N859	S	P	CR, ID, SM, SP, SO	BSW24		2N2945	2N1907A		10
2N860	S	P	CN, SP, CR, SM, SQ	BSW24		2N2945	2N2907A		10
2N861	S	P	CN, CR, SP, SM, SO	BSW24		2N2944	2N2945		10
2N861						2N2907A			10
2N862	S	P	CR, SP, FR, SM, ID	BSW24		2N2944	2N2945		10
2N862						2N2907A			10
2N863	S	P	CN, CR, SP, FR, SM	BSW24		2N2944	2N2945		10
2N863						2N2907A			10
2N864	S	P	CR, SP, FR, SM, ID	BSW24		2N2904	2N2906		10

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N864						2N2907A			10
2N864A	S	P	CR, FR, ID	BSW24		2N2904	2N2905		10
2N864A						2N2907A			10
2N865	S	P	CR, SP, SM, FR, ID	BSW24		2N2904	2N2905		10
2N865						2N2907A			10
2N865A	S	P	CR, FR	BSW24		2N2904	2N2905		10
2N866	S	N	SI	BSW54		2N2907A			10
2N867	S	N	SI	BSW54		2N2219A			10
2N869	S	P	F, MO, TI, CN, EM	BCY78V11	BSX29	2N2219A	2N2904		02
2N869						2N2905			10
2N869A	S	P	F, MO, ES, IT, NS	BCY78V11	BSW25	2N4313	2N2907A		02
2N869A						2N2894	2N3250		10
2N869A						2N3546	2N3576		10
2N870	S	N	F, CN, RY, TD, TX	BSX46-6	BSX46-10	2N2222	2N1990R		02
2N870									02
2N871	S	N	F, RY, ET, TX, TI	BSX46-10	BSX21	2N2222	2N1990R		01
2N902	S	N	RY	BSW64		2N332	2N2222A		01
2N903	S	N	RY	BSW64		2N333	2N2222A		01
2N904	S	N	RY	BSW64		2N334	2N2222A		01
2N905	S	N	RY	BSW64		2N336	2N2222A		01
2N906	S	N	RY	BSW64		2N336	2N2222A		01
2N907	S	N	RY	BSW64		2N337	2N3015		01
2N907						2N2222A			01
2N908	S	N	RY	BSW64		2N338	2N3015		01
2N908						2N2222A			01
2N909	S	N	CN, FR, ET, SM, SR	BSX33		2N2222	2N2192		01
2N909						2N2243A	2N701		01
2N910	S	N	F, MO, TX, ET, TX	BSX46-6	BSX46-10	2N2222	2N1990R		01
2N910									01
2N911	S	N	F, ET, MO, TX, RY	BSX46-10	BSX21	2N2222	2N1990R		01
2N912	S	N	F, ET, RY, TI, TX	BSX46-8	BSX21	2N2222	2N1990R		01
2N913	S	N	EM, SM, SO	BC107		A167			01
2N914	S	N	F, BL, MO, NU, PH	BSX87	BSX87A	EN914	2N708		13
2N914				BSY63	BSX20	2N2369			13
2N914									13
2N914A	S	N	F	BCY59	BSY21				13
2N914B	S	N	F	BSX20		2N2369			13
2N914/46	S	N	SM	BCY86					
2N914/51	S	N	SM	BSX20		2N2364	2N2369		
2N915	S	N	F, MO, RY, ET, ME	(BSX46)	BFY75	EN915	2N2221A		02
2N916				BF115		2N2222A			02
2N916				BF194					02
2N915				BSY22	BCY86				02
2N915				BSW64					02
2N915A	S	N	TI, SM, SQ, TD	BSW64		2N2222A			03
2N916	S	N	F, MO, ET, ME, RY	(BCX48)	BFY74	2N3691	2N2222A		02
2N916				BSY63	BCY56				02
2N916				BFY27	BSW64				02
2N916A	S	N	TI, RY, SM, SO, TD	BSW64		2N2222A			02
2N916B	S	N	TI, SM, SQ, TD	BSW64		2N2222A			03
2N917	S	N	RY, TX, NS, TI, CA	BFX73		2N3663	2N918		02
2N917A	S	N	CA, RY, SM, SQ	BFX73		2N918			02
2N917/46	S	N	SM	BFX73		2N918			02
2N917/51	S	N	SM, SY, TR	BFX73		2N918			02
2N918	S	N	F, MO, PH, TX, FR	(BFX89)	BFX73	EN918			02
2N918				BSX19	BFY20				02
2N918				BFX62	BFY66				02
2N918/46	S	N	TR, SY	BFX73		2N918			02
2N918/51	S	N	SY, TR	BFX73		2N918			02
2N919	S	N	CN, ET, MU	BSX64		2N834	2N2222A		13
2N920	S	N	CN, ET, MU	BSW64		2N834	2N2222A		13
2N921	S	N	CN, ET	BSW64		2N834	2N2222A		13
2N922	S	N	CN, ET	BSW64		2N834	2N2222A		13
2N923	S	P	CR, SM, SO, RY, SO	BC177		2N3965			01
2N924	S	P	CN, RY, SO, SO, SM	BC177		2N3965			01
2N925	S	P	CR, SM, SO, RY, SO	BC177		2N3965			01
2N926	S	P	CN, RY, SO, SO, SM	BC177		2N3965			01
2N927	S	P	CR, SO, SO, SM	BSX21	BC177	2N2604	2N2605		01
2N927						2N3965			01
2N928	S	P	SR, SO, SO, SM	BC177		2N2604	2N2605		01
2N928						2N3965			01
2N929	S	N	F, MO, PH, TX, FR	BC414B	BFX92	2N3665	2N930		01
2N929				BFX92A	BC107A				01
2N929				BC107	BSY11				01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N929				BC108, (BC148)			01
2N929A	S	N	MO, TX, ME, RY, TI	BC109		2N930	01
2N929/51	S	N	TR, SY	BC109		2N930	01
2N930	S	N	F, MO, PH, TX, NS	BC4148 BC109	BFX93 BC1078	EN920	01
2N930				BC107	BCY59		01
2N930				BC109			01
2N930A	S	N	MO, TX, ME, RY, SO	(BC148)	BC109	2N930	01
2N930A/46	S	N	SM	BC109		2N930	01
2N930A/51	S	N	TR	BC109		2N930	01
2N930B	S	N	CA, RY, TI	-BC109		2N930	01
2N930/46	S	N	SM	BC109		2N930	01
2N930/51	S	N	TR, SY	BC109		2N930	01
2N934	G	P	RC			2N965	13
2N934						2N2907A	13
2N935	S	P	SD, CR, CN, RY, SM	BSW24		2N327A	01
2N935						2N3546	01
2N936	S	P	SD, CR, CN, RY, SM	BSW24		2N328A	01
2N936						2N2907A	01
2N937	S	P	SD, CR, RY, SO, SM	BSW24		2N329A	01
2N937						2N2907A	01
2N938	S	P	SD, CR, RY, SQ, TR	BSW24		2N2945	01
2N939	S	P	SD, CR, CN, RY, SQ	BSW24		2N2945	01
2N940	S	P	SD, CR, RY, SM, TD	BSW24		2N2945	01
2N941	S	P	SD, CR, RY, SM, SQ	BSW24		2N2945	12
2N942	S	P	SD, CR, RY, SO, TD	BSW24		2N2945	12
2N943	S	P	SD, CR, CN, RY, SM	BSW24		2N2945	12
2N944	S	P	SD, CR, RY, SM, SQ	BSW24		2N2945	12
2N945	S	P	SD, CR, RY, SM, SQ	BSW24		2N2945	12
2N946	S	P	SD, CR, CN, SM, TD	BSW24		2N2945	12
2N947	S	N	CN, SM, SQ, SO	BSX87	BSY62	EN914	10
2N947				BSY83	BSX20	2N706	10
2N955	G	N	RC, MD			2N797	13
2N955A	G	N	RC				13
2N956	S	N	F, MO, TX, ET, RY	BSX46-16	BSX33	EN956	02
2N956				BC141-10	BSY88	2N2222	02
2N956				BC140C		2N731	02
2N957	S	N	CN, CA, EM, ET, FR	BFX74	BSY10	2N3691	02
2N957				BSY11	BSX20	2N2484	02
2N958	S	N	TW	BSX20		2N706	13
2N959	S	N	TW	BSX20		2N706	13
2N960	G	P	MO, TX, SR	ACY26		2N964	13
2N960/46	G	P	SY				13
2N961	G	P	MO, SR, TX, SS, SQ	(ACY26)		2N964	13
2N961/46	G	P	SY				13
2N962	G	P	MO, SR, SQ, SS, TX	(ASY26)		2N964	13
2N962/46	G	P	SY				13
2N963	G	P	MO, SR, SS, TX	(ASY26)	ASY27	2N964	13
2N964	G	P	MO, SR, TX	ASY26		2N964	13
2N964A	G	P	MO, ES, SR	ASY26		2N964	13
2N964/46	G	P	SY				13
2N966	G	P	MO, SR, ES, SS, TX	ASY26		2N964	13
2N966	G	P	MO, SR, SS, TX	(ASY26)		2N964	13
2N967	G	P	MO, SR, SS, TX	(ASY27)		2N964	13
2N968	G	P	MO, SR, SQ, TX	(ASY26)		2N964	13
2N969	G	P	MO, SR, SQ, TX	ASY26		2N964	13
2N970	G	P	MO, SR, SQ, TX	(ASY26)		2N964	13
2N971	G	P	MO, SR, SQ, TX	(ASY26)		2N964	13
2N972	G	P	MO, SR, SQ, TX	(ASY27)		2N964	13
2N973	G	P	MO, SR, SQ, TX	(ASY27)		2N964	13
2N974	G	P	MO, SR, SQ, TX	(ASY27)		2N964	13
2N975	G	P	MO, SR, SQ, TX	(ASY27)		2N964	13
2N976	G	P	SQ			2N961	13
2N977	G	P	PH			2N964	13
2N978	S	P	F, MO, TR, SM, CN	BC108A	BSX36	2N5142	02
2N978				BSW24		2N721	02
2N978						2N2907A	02
2N979	G	P	SP, FR, ID			2N2635	13
2N980	G	P	SP, FR, ID, SM, SQ			2N2636	13
2N981	S	N	FR, NS, SM, SQ	BC107		A157	01
2N982	G	P	SP, FR, ID, SQ			2N964	13
2N983	G	P	SP, FR, ID, SQ			2N964	13
2N984	G	P	SP, FR, ID, SQ			2N964	13
2N985	G	P	TX, MO, SR, SQ			2N964	13
2N986	P	N	F, SG	BPY65		L5600	04

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N987	G	P	AM, MU, PE	AF106	AF124	2N2635	2N990		02
2N988	S	N	SM, SQ, TI	BSW64		2N2221	2N706		02
2N989	S	N	SM, TI, SQ	BSW64		2N2222A			02
2N989						2N2221	2N706		02
2N989						2N2222A			02
2N990	G	P	AM, PE	AF185	AF124				02
2N990				AF134					02
2N991	G	P	PE	AF185	AF125	2N2635	2N990		02
2N991				AF136	AF124				02
2N992	G	P	PE	AF185	AF126	2N2635	2N990		02
2N992				AF136	AF124				02
2N993	G	P	AM, PE	AF185	AF127	2N2635	2N990		02
2N993				AF137	AF124				02
2N994	G	P	SR						13
2N995	S	P	F, MD, TI, CN, NS	BC178A	BC179VI	2N4389	2N2907A		02
2N995				BSW19	BC179				02
2N995				BC206	BSW24				02
2N995A	S	P	F, MD, IT, SG	BC178A	BSW24				02
2N995A						2N4313	2N3250		02
2N995A						2N2907A			02
2N996	S	P	F, MO, SM, SQ, TD	BC178A	BSX29	2N3248	2N2906		02
2N996				BSW24		2N2907	2N2907A		02
2N997	S	N	TX, F, RY, GE, SG	BFX67					02
2N998	S	N	F, GE, RY, TI, MO	BFX66		2N997			04
2N999	S	N	F, GE, RY, MD, CN	BFX67		2N997			04
2N1000	G	N	CN, ET, GI	ASY29		2N1304			10
2N1003	G	P	MO	ASY27		2N1305			02
2N1004	G	P	MO	ASY27		2N1305			02
2N1005	S	N	TX, SI	BC107		A157			01
2N1006	S	N	TX, SI	BC107		A157			01
2N1007	G	P	ET, CN, KS	AD1311V	ADY27	2N1536			06
2N1007				AD149	ASZ16				06
2N1008	G	P	ET, MO, SR, CN, FR	(ASY70VI)	AC117	2N1176	258292		01
2N1008				AC126	AC153				01
2N1008				ACV17					01
2N1008A	G	P	ET, MO, CN, FR, IC	ASY46VI	ACY17	2N1176			01
2N1008B	G	P	ET, MO, ES, SR, FR	(ASY48VI)	ACY17	2N1176			01
2N1009	G	P	SD	AC153	AC117	2N1176	25A219		01
2N1009				AC128	ACY17				01
2N1010	G	N	CN, ET	AC127	ASY29	2N1302	2N2430		01
2N1010						2N1304			01
2N1011	G	P	ET, MO, SO, PP, CN	(ALY221V)	AUY21II	T13027	2N1536		06
2N1011				ASZ18	ADY26				06
2N1012	G	N	GI, ET, CN	ASY73	ASY29	2N388A	2N1306	25D11	10
2N1012						2N1304			10
2N1014	G	P	RC	AC153	AS117	2N1552	2N456A	258248A	06
2N1014				AC128	ASZ18	2N1021	2N1533		06
2N1014				ASZ15					06
2N1015	S	N	W, ET, SZ, CN, FR	8LY17	8DY20	2N3713	2N3055		16
2N1015A	S	N	W, ET, SZ, CN, FR	8DY20		2N3055			16
2N1015B	S	N	W, ET, SZ, CN, FR	8DZ50		2N3773			16
2N1015C	S	N	W, ET, SZ, CN, FR	8DZ50		2N3773			16
2N1015D	S	N	W, ET, SZ, SN, FR	BU120					16
2N1015E	S	N	W, SZ, FR, SF, SU	BU120					16
2N1015F	S	N	FR, SU, SQ, SF	BU120					16
2N1016	S	N	W, SZ, ET, FR, SF	8DY20		2N3713	2N3055		16
2N1016A	S	N	W, ET, SZ, CN, FR	8DY20		2N3055			16
2N1016B	S	N	W, SZ, ET, CN, SF	8DX50		2N3773			16
2N1016C	S	N	W, ET, SZ, FR, SF	8DZ50		2N3773			16
2N1016D	S	N	W, SZ, ET, FR, SF	BU120					16
2N1016E	S	N	W, FR, SU, SZ, SQ	BU120					16
2N1016F	S	N	FR, SO, SU	BU120					16
2N1017	G	P	IC, CN, FR, SZ, UP	ASY27		2N404	2N582		10
2N1017						2N1305			10
2N1018	G	P	CN, FR, UP, ET, IC	ASY27		2N404	2N582		10
2N1018						2N1305			10
2N1021	G	P	ET, MO, TX, SD, CN	AUY221V	ASZ15	2N456A	2N1014		06
2N1021						2N1533			06
2N1021A	G	P	ET, TX, SD, CN, KS	(AUY221V)	ASZ15	2N1021	2N1533		06
2N1022	G	P	ET, MO, TX, SD, CN	(AUY221V)	ASZ15	2N456A	2N1100		06
2N1022						2N1533			06
2N1022A	G	P	ET, TX, SD, KS, PP	(AUY221V)	ASZ15	2N1022	2N990		06
2N1023	G	P	RC	AF108	AF124	2N3323	2N2635		01
2N1023				AF124		2N990			01
2N1024	S	P	SD, CR, RY, ET, CN	BC150	BCY12	2N1132	2N2944		01
2N1024				BCY32		2N2945	2N1475		01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
2N1025	S	P	SD, CR, ET, RY, CN	BC180	BCY11	2N22	2N2944	01
2N1026	S	P	SD, ET, CR, RY, SQ	BCY32	BCY11	2N2945	2N1475	01
2N1026	S	P	SD, ET, CR, RY, SQ	BC180	BCY11	2N1132	2N2944	01
2N1026	S	P	CR, ET	BCY12	BCY32	2N2945	2N1475	01
2N1026A	S	P	CR, ET	BCY32		2N1475		01
2N1027	S	P	ET, SD, CR, RY, CN	(BC178A)	BC178VI	2N2944	2N2945	01
2N1027	S	P	ET, SD, CR, RY, CN	BC178	BC205	2N1475		01
2N1027	S	P	ET, SD, CR, RY, SM	BCY23				01
2N1028	S	P	ET, SD, CR, RY, SM	(BC178A)	BCY32	2N2944	2N1475	01
2N1029	G	P	ET, CI, SR	ASZ16		2N1553	T13027	06
2N1029	G	P	KS			2N1536		06
2N1029A	G	P	KS	ASZ16		2N1554	T13027	06
2N1029A	G	P	KS			2N1536		06
2N1029B	G	P	KS	ASZ16		2N1555	T13027	06
2N1029B	G	P	KS			T13031	2N1533	06
2N1029C	G	P	KS	ASZ16		2N1556	2N456A	06
2N1029C	G	P	ET, CI, SR			2N3146	2N1533	06
2N1030	G	P	ET, CI, SR			2N1557	2N456A	06
2N1030	G	P	ET, CI, SR			2N514A		06
2N1030A	G	P	ET, CI, SR			2N1558	2N456A	06
2N1030A	G	P	ET, CI, SR					06
2N1030B	G	P	ET, CI, SR			2N514		06
2N1030C	G	P	ET, CI, SR			2N1559		06
2N1031	G	P	ET, SD, PP	(AU29VI)	AD133	2N1560		06
2N1031	G	P	ET, SD, PP	AD211		2N1553	T13027	06
2N1031	G	P	ET, SD, PP					06
2N1031A	G	P	ET, SD, CN, PP	(AU29VI)		2N1554	T13027	06
2N1031B	G	P	SD, ET, PP, CN			2N1555	T13027	06
2N1031B	G	P	SD			T13031		06
2N1031C	G	P	SD			2N1556	2N456A	06
2N1031C	G	P	SD			2N3146		06
2N1032	G	P	ET, SD	(AU29VI)		2N1557	2N456A	06
2N1032	G	P	ET, SD, CN	(AU29VI)		2N514A		06
2N1032A	G	P	ET, SD, CN	(AU29VI)		2N456A	2N514B	06
2N1034	S	P	RY, SD, CN, ET, SI	BCY32		2N2944	2N2945	01
2N1034	S	P	RY, SD, CN, ET, SI	BCY32		2N1475		01
2N1035	S	P	RY, CR, SD, SM, ET	BCY32		2N2944	2N2945	01
2N1035	S	P	RY, CR, SD, SM, ET	BCY32		2N1475		01
2N1036	S	P	RY, CR, SD, SM, TD	BCY32		2N2944	2N2945	01
2N1036	S	P	RY, CR, SD, SM, TD	BCY32		2N1475		01
2N1037	S	P	RY, CR, SD, SM, TD	BCY32		2N2944	2N2945	01
2N1037	S	P	RY, CR, SD, SM, TD	BCY32		2N1475		01
2N1037	S	P	RY, CR, SD, SM, TD	BCY32		2N2944	2N2945	01
2N1037	S	P	RY, CR, SD, SM, TD	BCY32		2N1475		01
2N1038	G	P	TX, KS, MD, NU, ES	AD149	AD149IV	2N2138	2N2836	06
2N1038	G	P	TX, KS, MD, NU, ES	OC30	OD603	2N586	2N2552	06
2N1038	G	P	TX, KS, MD, NU, ES	AD162				06
2N1038/1	G	P	TX, KS, MD, NU, ES	AD162		2N2835		06
2N1038/2	G	P	TX, KS, MD, NU, ES	AD162		2N2835		06
2N1039	G	P	TX, KS, MD, CN, ES	AD138/50	ASZ17	2N2139	2N1038	06
2N1039	G	P	TX, KS, MD, CN, ES	OC26	OC30	2N1041	2N2835	06
2N1039	G	P	TX, KS, MD, CN, ES	AD162				06
2N1039/1	G	P	TX, KS, MD, CN, ES	AD162		2N2835		06
2N1039/2	G	P	TX, KS, MD, CN, ES	AD162		2N236		06
2N1040	G	P	TX, NU, KS, MO, SI	AD182	AD149	2N2140	2N1038	06
2N1040	G	P	TX, NU, KS, MO, SI	AD182	OC30	2N1041	2N2835	06
2N1040	G	P	TX, NU, KS, MO, SI	OC26				06
2N1040	G	P	TX, NU, KS, MO, SI	DD603				06
2N1040/1	G	P	TX, NU, KS, MO, SI	AD162		2N2835		06
2N1040/2	G	P	TX, NU, KS, MO, SI	AD162		2N2835		06
2N1041	G	P	TX, KS, MD, CN, ID	AU211V	AD138/50	2N2141	2N1038	06
2N1041	G	P	TX, KS, MD, CN, ID	ASZ15	OC26	2N1040	2N1533	06
2N1041	G	P	TX, KS, MD, CN, ID	OC30				06
2N1041/1	G	P	TX, KS, MD, CN, ID	ASZ15		2N1533		06
2N1041/2	G	P	TX, KS, MD, CN, TR	ASZ15		2N1533		06
2N1042	G	P	TX, KS, MD, CN, TR	ASZ16		2N2143	2N1536	06
2N1042/1	G	P	TX, KS, MD, CN, TR	ASZ18		2N1536		06
2N1042/2	G	P	TX, KS, MD, CN, TR	ASZ16		2N1536		06
2N1043	G	P	TX, MD, TR, KS	AD131	AD138/50	2N2144	2N1038	06
2N1043	G	P	TX, MD, TR, KS	OC28	ASZ16	2N1536		06
2N1043/1	G	P	TX, MD, TR, KS	ASZ16		2N1536	2N1531	06
2N1043/2	G	P	TX, MD, TR, KS	ASZ16		2N1536		06
2N1044	G	P	TX, MD, KS, TR	AD131	AD138/50	2N2145	2N1038	06
2N1044	G	P	TX, MD, KS, TR	OC28	OD605	2N1043	2N1533	06
2N1044	G	P	TX, MD, KS, TR	ASZ15				06
2N1044/1	G	P	TX, MD, KS, TR	ASZ16		2N1533		06
2N1044/2	G	P	TX, MD, KS, TR	ASZ16		2N1533		06
2N1045	G	P	TX, TR, KS	ASZ15		2N2146	2N1014	06
2N1045	G	P	TX, TR, KS	ASZ15		2N1038	2N1533	06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N1091	G	N	CN, GI, SZ, ET	ASY29		2N1304	2N1605		10
2N1092	S	N	CN, SQ, ET	BFY50		2N4237	2N2297		16
2N1093	G	P	CN, SZ, ET	AF106	AF178	2N1305		2SA206	01
2N1093				AF190	AF101				01
2N1093				AF126	AF127				01
2N1093				ASY27					01
2N1094	G	P	WE	AF106		2N1306			02
2N1097	G	P	ET, SR, CN, FR, SZ	AC128	AC153	2N1414	2N2431	2SB219	01
2N1097	G	P		AC131	AC105	2N1098	2N406		01
2N1097				AC117	AC125				01
2N1098	G	P	ET, SR, CN, FR, SZ	AC128	AC153	2N1414	2N2431	2SB219	01
2N1098				AC117	AC125	2N404			01
2N1099	G	P	DD, ET, MO, SD, CN	AD212		2N1100			06
2N1100	G	P	DD, ET, MO, MU, PH	AD132V					06
2N1101	G	P	CN, NP, ET	AC127	AC179	2N2430	2N647		01
2N1101				AC176		2N1302			01
2N1102	G	N	NP, ET, CN	AC127	AC179	2N2430	2N612		01
2N1102				AC178					01
2N1103	S	N	TX	BFY50		2N2297			01
2N1104	S	N	SM	BFY50		2N2297	2N1306		01
2N1106	S	N	TX			2N5681			01
2N1107	G	P	CN, ET	AF185	AF124	2N990			02
2N1108	G	P	CN, ET	AF185	AF125	2N1110	2N2188	2SA159	02
2N1108				AF137	AF124	2N990			02
2N1108				AF181	AF115				02
2N1108				AF131					02
2N1108	G	P	CN, ET	AF185	AF118	2N2188	2N990	2SA154	02
2N1108				AF126	AF132				02
2N1108				AF124					02
2N1110	G	P	CN, ET	AF185	AF125	2N2188	2N1108	2SA156	02
2N1110				AF125	AF124	2N990			02
2N1110				AF181	AF131				02
2N1110				AF138					02
2N1111	G	P	CN, ET	AF185	AF126	2N2188	2N990	2SA155	02
2N1111				AF126					02
2N1111A	G	P	ET	AF124		2N990			10
2N1111B	G	P	ET	AF124		2N991			10
2N1114	G	N	CN, ET, SZ	ASY29		2N1304			10
2N1115	G	P	ET	ASY27		2N1305			10
2N1115A	G	P	GE	ASY27	AF132	2N1306			10
2N1115A				AF161	AF134				10
2N1116	S	N	ET, ST, TR, UN, SQ	BSX46-6	BFY34	2N4231	2N3252		02
2N1116				BSX45	BSX22	2N2243A	2N2297		02
2N1116				BFY50					02
2N1117	S	N	TX, TR, UM, SZ, ET	BFY50		2N2193	2N2243A		02
2N1117						2N2297			02
2N1118	S	P	SP, CR, ID, SM, SQ	BFX29		2N2604	2N2605		02
2N1118						2N2905A			02
2N1118A	S	P	CR, RY, SP, FR, ES	BFX29		2N2604	2N2605		02
2N1118A						2N2905A			02
2N1119	S	P	CR, SP, FR, RY, SM	BFX29		2N2604	2N2605		10
2N1119						2N2905A			10
2N1120	G	P	MO, SD, ET	IAD133IV	AD133	T13027	T13031		06
2N1120				AS215		2N1533			06
2N1121	G	N	ET	ASY29		2N1306	2N1304		02
2N1122	G	P	FR, SM, SQ, ID, SP	AF126	AF137	2N961	2N964	2SA155	13
2N1122				AF132	AF124	2N960			13
2N1122A	G	P	FR, SM, SQ, ID, SP	AF126	AF132	2N960	2N964	2SA155	13
2N1122A				AF137	AF124	2N990			13
2N1123	G	P	GI, SQ			2N3427	2N1997		13
2N1124	G	P	CN, ET, ES	ACY17		2N651	2N1377		01
2N1124						2N1176			01
2N1126	G	P	CN, ET	ACY17		2N651	2N2002		13
2N1126						2N1176			13
2N1126	G	P	PH	ACY17		2N651	2N1176		10
2N1127	G	P	PH	ACY17		2N3428	2N1176		10
2N1128	G	P	CN, ET	AC128	AC153	2N1192	2N2431	2SB222	01
2N1128				AC117	ACY17	2N1377	2N1176		01
2N1129	G	P	CN, ET	AC153	AC117	2N3427	2N1377	2SB222	01
2N1129				AC128	ACY17	2N1379	2N1176	2SB223	01
2N1130	G	P	CN, ET	AC153	AC117	2N1193	2N1377	2SB222	01
2N1130				AC128	ASY17	2N1176		2SB221	01
2N1131	S	P	F, MO, PH, TX, RY	BSY16-6	BFX74	EN1132	2N2904		10
2N1131				BC212		2N1132	2N2908		10
2N1131				BFX30		2N2905A			10

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N1131A	S	P	F, MO, FR, SQ, TR	BSV16-6	BFX30	2N2800	2N2905A		10
2N1131A/51	S	P	SY	BFX30		2N2905A			
2N1131B1	S	P	SY	BFX30		2N2905A			
2N1132	S	P	IT, TX, MO, PH, SE	BSV16-6	BFX74	2N4037	EN1132		10
2N1132				BFX74A	BSV16-6	2N2904	2N2905		10
2N1132				BFS96	BCY18	2N4036			10
2N1132				BCZ12					10
2N1132A	S	P	IT, MO, SG, F, SM	BSV16-6	BFX74A	2N4037	EN1132		10
2N1132A				BF505		2N4036			10
2N1132A/46	S	P	SM	BSW24		2N2907A			
2N1132A/51	S	P	SY	BSW24		2N2907A			
2N1132B	S	P	RY, SQ, TD, SM, EM	BFX29		2N2905A			10
2N1132B/46	S	P	SM	BSW24		2N2907A			
2N1132B/51	S	P	SY	BSW24		2N2907A			
2N1132/46	S	P	SM	BSW24		2N2907A			
2N1132/51	S	P	SY	BSW24		2N2907A			
2N1136	S	P	PH	BSW25		2N3446			10
2N1136A	S	P	PH	BSW25		2N3546			10
2N1136	G	P	ET, ST, SD, PP, CN	(AUJ211V)	AUJ21	2N1540	MP249	25B248	06
2N1136				AD138	ASZ18	T13027	2N1536		06
2N1136				ACT17	AC153				06
2N1136				ASZ16					06
2N1136A	G	P	ET, ST, SD, CN, KS	(AUJ221V)	ASZ15	2N1542	2N1533		06
2N1136B	G	P	ST, SD, ET, PP, CN	(AUJ221V)	AUJ21	2N1543	2N1533		06
2N1136B				ASZ15					06
2N1137	G	P	ET, ST, SD, KS, PP	(AUJ211V)	AUJ21	2N1544	MP438	25B248	06
2N1137				AD138	ASZ18	2N456A	2N1533		06
2N1137				ACT17	AC153				06
2N1137				ASZ16					06
2N1137A	G	P	ET, ST, SD, KS, CN	(AUJ221V)	ASZ15	2N1547	MP438A		06
2N1137B	G	P	ST, SD, PP, KS	(AUJ221V)	ASZ15	2N1546	MP438B		06
2N1137B						2N1533			06
2N1138	G	P	ET, ST, SD, PP, CN	(AUJ211V)	ASZ17	MP280	2N1545		06
2N1138A	G	P	ET, ST, SD, PP, CN	(AUJ221V)	ASZ15	2N1547	MP281		06
2N1138A						2N1533			06
2N1138B	G	P	ET, SD, PP, KS	(AUJ221V)	ASZ15	2N1548	MP282		06
2N1138B						2N1533			06
2N1139	S	N	TR, ET, CN	BSW54		2N835	2N2219A		13
2N1141	G	P	MO, TX	(AFY18D)	AF178	2N2495			02
2N1141				AF106					02
2N1141A	G	P	MO, TX	(AFY18D)	AFY18				02
2N1141A				AF106					02
2N1142	G	P	MO, TX	(AFY18D)	AF178	2N2405			02
2N1142				AFY12	AFZ12				02
2N1142				AF106					02
2N1142A	G	P	MO, TX	(AFY18D)	AFY18				02
2N1142A				AF106					02
2N1143	G	P	MO, TX	(AFY18D)	AF178	2N2495			02
2N1143				AS*78	AFY12				02
2N1143				AF212	AF106				02
2N1143A	G	P	MO, TX, ES	(AFY18D)	AFY18				02
2N1143A				AF106					02
2N1144	G	P	SN, ET	AC128	AC153	2N231	2N2431	25B37	02
2N1144				AC131	AC152	2N1303	2N1176		02
2N1144				OC78	ACY17				02
2N1146	G	P	CN, ET	AC128	AC153	2N1414	2N2431	25B37	01
2N1146				AC131	AC152	2N1303	2N1176		01
2N1146				OC78	ACY17				01
2N1146	G	P	MO, ST, CN, ET, SD	(AUJ29V)	AD133	2N456A	2N1536		16
2N1146				AD138	AD211				16
2N1146				ADZ12	ASZ16				16
2N1146A	G	P	MO, ST, ET, CN, KS	(AUJ29V)	AUJ21V	2N456A	2N1536		16
2N1146A				ADZ11	ADZ12				16
2N1146A				ASZ16					16
2N1146B	G	P	ET, MO, SD, KS, PP	AUJ221V	ASZ16	2N1536			16
2N1146C	G	P	ET, SD, MO, KS, PP	ADZ12	ASZ15	2N456A	2N1533		16
2N1147	G	P	MO, ST, ET, CN, KS	(AUJ29V)	ASZ16	2N1536			16
2N1147A	G	P	MO, ST, SD, ET, KS	(AUJ29V)	ASZ16	2N1536			16
2N1147B	G	P	ET, SD, MO, CN, KS	ASZ16		2N1536			16
2N1147C	G	P	ET, SD, MO, KS, PP	ASZ15		2N1533			16
2N1149	S	N	TX, ET, SQ, CN, SM	BSW54		2N2219A			01
2N1150	S	N	TX, ET, SQ, CN, SM	BSW54		2N2219A			01
2N1151	S	N	TX, ET, SQ, CN, SM	BSW54		2N2219A			01
2N1151	S	N	TX, ET, SQ, CN, SM	BSW54		2N2219A			01
2N1153	S	N	TX, ET, SQ, CN, SM	BSW54		2N2210A			01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N1154	S	N	TX, ET, SQ, CN, SM	BC107		A157	01
2N1155	S	N	TX, ET, SQ, CN, SM	BC107		A157	01
2N1156	N	N	TX, ET, SQ, CN, SM	BC107		A157	01
2N1157	G	P	SD, CD			MP501	16
2N1157A	G	P	SD, CN			MP502	16
2N1158	G	P	CN, ET	AF 2395		2N1143	02
2N1158A	G	P	CN, ET	AF 2395		2N1142	02
2N1159	G	P	DD, ET, PP, SD, CN	AUY22111	AUY28	2N3616	15
2N1159	G	P	DD, ET, PP, SD, CN	ASZ25	ADY28	2N3146	15
2N1159	G	P	DD, ET, PP, SD, CN	ASZ15		2N1533	16
2N1160	G	P	ET, DE, DD, PP, SD	(AUY221V)	AUY22	2N3616	16
2N1160	G	P	ET, DE, DD, PP, SD	ASZ16	ASZ18	2N3146	15
2N1160	G	P	ET, DE, DD, PP, SD	ASZ15		2N1533	16
2N1162A	G	P	MO, ET, SD, CN, KS			2N1162	16
2N1163	G	P	MO, ET, SD, CN, KS			2N1162	16
2N1163A	G	P	MO, ET, SD, KS			2N1162	16
2N1164	G	P	MO, ET, SD, CN, KS			2N1166	16
2N1164A	G	P	MO, ET, SD, CN, KS			2N1166	16
2N1165	G	P	MO, ET, SD, CN, KS			2N1166	16
2N1165A	G	P	MO, ET, SD, CN, KS			2N1166	16
2N1166A	G	P	MO, KS, SD, ET			2N1166	16
2N1167	G	P	MO, ET, SD, CN, KS			2N1166	16
2N1167A	G	P	MO, ET, SD, CN, KS			2N1166	16
2N1168	G	P	DD, ET, SD, CN, KS	AUY19111	ASZ18	2N3614	06
2N1168	G	P	DD, ET, SD, CN, KS	ASZ16	AUY21	2N1536	06
2N1169	G	N	CN, SS, SZ	ASY29		2N1304	10
2N1170	G	N	CN, SZ	ASY29		2N1304	10
2N1171	G	P	CN, ET, IC, UP			2N1305	10
2N1172	G	P	KS	AD156	AD139	2N2137	16
2N1172	G	P	KS	AD148	OC22	T13028	16
2N1172	G	P	KS	OC30		T13028	16
2N1173	G	N	WE	ASY29		2N1304	10
2N1174	G	P	WE	ASY27		2N404	10
2N1175	G	P	MO, GE, ET, SR, UP	(AC152V1)	ACY17	2N1176	01
2N1175A	G	P	ET, GE, SR, FR, SZ	ASY17		2N1176	01
2N1176	G	P	CN, GI, ET	ACY17		2N1189	01
2N1176	G	P	CN, ET	ACY17		2N1176B	01
2N1176A	G	P	CN, ET	OC77N		2N1176B	01
2N1176B	G	P	ET	AF178	AF118	2N2957	01
2N1177	G	P	RC, AT	AF178	AF118	2N2957	02
2N1177	G	P	RC, AT	AF125	AF115	2N990	02
2N1177	G	P	RC, AT	AF136	AF124	2N2188	02
2N1178	G	P	RC, AT	AF178	AF118	2N2953	02
2N1178	G	P	RC, AT	AF125	AF115	2N2496	02
2N1178	G	P	RC, AT	AF136	AF124	2N990	02
2N1179	G	P	RC, AT	AF178	AF118	2N2956	02
2N1179	G	P	RC, AT	AF125	AF115	2N2188	02
2N1179	G	P	RC, AT	AF136	AF124	2N990	02
2N1180	G	P	RC, AT	AF185	AF118	2N2956	02
2N1180	G	P	RC, AT	AF178	AF125	2N990	02
2N1180	G	P	RC, AT	AF115	AF136		02
2N1180	G	P	RC, AT	AF124			02
2N1182	G	P	GP	ASZ15		2N2140	16
2N1183	G	P	ST, RC, KS	AD136V	AD136	2N2139	16
2N1183	G	P	ST, RC, KS	AUY18	AD160	2N2140	16
2N1183	G	P	ST, RC, KS	AC136	OC30		16
2N1183	G	P	ST, RC, KS	OD603			16
2N1183A	G	P	ST, RC, KS	(AUY18V)	AUY18	2N2140	16
2N1183A	G	P	ST, RC, KS	AD136		2N1184B	16
2N1183B	G	P	ST, RC, KS	(AUY18V)	AD136	2N2141	16
2N1183B	G	P	ST, RC, KS	(AUY18V)		2N2141	16
2N1183B	G	P	ST, RC, KS	AD136V1	AD136	2N1184B	16
2N1184	G	P	ST, RC, KS	AD136V1	AD136	2N2144	16
2N1184	G	P	ST, RC, KS	AD136V1	AD136	2N1038	16
2N1184A	G	P	ST, RC, KS	AUY18V	AD136	2N2564	16
2N1184A	G	P	ST, RC, KS	AUY18V	AD136	2N2145	16
2N1184A	G	P	ST, RC, KS	AUY18V	AD136	2N1038	16
2N1184A	G	P	ST, RC, KS	AUY18V	AD136	2N1184B	16
2N1184B	G	P	ST, RC, KS	(AUY18V)	AD136	2N2146	16
2N1184B	G	P	ST, RC, KS	(AUY18V)	AD136	2N2565	16
2N1185	G	P	MD, ET, SR, CN, IC	(ASY48V1)	ACY17	2N1375	01
2N1185	G	P	MD, ET, SR, CN, IC	(ASY48V1)	ACY17	2N1377	01
2N1185	G	P	MD, ET, SR, CN, IC	(ASY48V1)	ACY17	2N1188	01
2N1185	G	P	MD, ET, SR, CN, IC	(ASY48V1)	ACY17	2N1377	01
2N1186	G	P	MO, IC, SR, CN	(ASY48V1)	ACY17	2N1375	01
2N1186	G	P	MO, IC, SR, CN	(ASY48V1)	ACY17	2N1377	01
2N1186	G	P	MO, IC, SR, CN	(ASY48V1)	ACY17	2N1188	01
2N1186	G	P	MO, IC, SR, CN	(ASY48V1)	ACY17	2N1377	01
2N1187	G	P	MO, IC, SR, CN	(ASY48V1)	ACY17	2N1188	01
2N1187	G	P	MO, IC, SR, CN	(ASY48V1)	ACY17	2N1377	01
2N1188	G	P	MO, ET, SR, CN, IC	(ASY48V1)	ACY17	2N1376	01
2N1189	G	P	MO, ET, SR, CN, IC	(ASY48V1)	ACY17	2N1377	01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
2N1190	G	P	MO, ET, SR, CN	(ASY48V1)	ACY17	2N1377	2N1188	01
2N1181	G	P	MO, ET, SR	(ASY48V)	AC153	2N404	2N1305	01
2N1191				AC117	AC128	2N1188		01
2N1191				OC72	ACY17			01
2N1192	G	P	MO, ET, SR, CN, GI	(ASY48V)	AC153	2N404	2N1188	01
2N1192				AC117	AC128			01
2N1192				ACY12				01
2N1193	G	P	MO, ET, SR, IC, SZ	(ASY48V1)	AC153	2N404	2N1188	01
2N1193				AC117	AC128			01
2N1194	G	P	MO, ET, SR, SI, CN	(ASY48V1)	ACY17	2N1188		01
2N1194								01
2N1194				OC318	ACY17			01
2N1195	G	P	MO, ES, TX	(AFY18D)	AF178	2N2495	2N404	02
2N1195				AF106	AF102			02
2N1195				AFY12				02
2N1195	S	P	EM, SO, SM	BC177		2N3965		02
2N1197	S	P	EM, SO, SM	BC177		2N3965		02
2N1198	G	N	CN, ET	ASY28		2N1304		16
2N1199	S	N	ET	BFX73		2N635	2N918	16
2N1199A	S	N	PH	BFX73		2N635	2N918	16
2N1200	S	N	PH	BFX73		2N4252	2N918	02
2N1201	S	N	PH	BFX73		2N4252	2N918	02
2N1202	G	P	SD, KS	AS215		2N2145	2N456A	16
2N1202						2N3146	2N1533	16
2N1203	G	P	SD, KS	AS215		2N2146	2N456A	16
2N1203						2N3146	2N1533	16
2N1204	G	P	MO	(ASY28)				13
2N1205	S	N	ET, TR	BSW38		2N2218A		
2N1206	S	N	CN, ET	BSW54		2N5059	2N2218A	02
2N1207	S	N	CN, ET	BSW54		2N5059	2N2218A	02
2N1208	S	N	TR, ET, SZ, CN, ML	BUY11	BUY38	2N3445	2N3487	06
2N1208						2N3054		06
2N1208/1	S	N	SO	BUY38		2N3054		03
2N1209	S	N	TR, SZ, SI, ML, SM	BUY38		2N3445	2N1724	03
2N1209/1	S	N	SO	BUY38		2N3054		03
2N1210	S	N	TR, ET, SD, SZ, CN	BUY38		2N3713	2N1722	03
2N1210						2N4232	2N3054	03
2N1210/1	S	N	SO	BUY38		2N3054		
2N1211	S	N	TR, ET, SD, SZ, CN	BUY38		2N3445	2N1722	03
2N1211						2N4132	2N3054	03
2N1211/1	S	N	SO	BUY38		2N3054		
2N1212	S	N	TR, ET, SZ, CN, FR	BUY38		2N3445	2N1724	03
2N1212/1	S	N	SO	BUY38		2N3054		03
2N1217	G	N	CN, ET	ASY28		2N1308	2N1304	13
2N1218	G	N	CN, KS	AD182		2N4077		08
2N1219	S	P	SD, CR, RY, SO, CN	BC180	BCY12	2N1132	2N4036	01
2N1219				BSF95				01
2N1220	S	P	SD, CR, RY, SO, CN	BC180	BCY12	2N1132	2N1214	01
2N1220				BSF95		2N4036	2N2904	01
2N1220						2N2905		01
2N1221	S	P	SD, CR, RY, SO, CN	BSF95		2N2904	2N2905	01
2N1221						2N4036		01
2N1222	S	P	SD, CR, RY, SO, CN	BSF95		2N2904	2N2905	01
2N1222						2N4036		01
2N1223	S	P	SD, CR, RY, SO, CN	BSF95		2N2404	2N2905	01
2N1223						2N4036		01
2N1224	G	P	AM, RC, PE	(AF125)	AF128	2N990		13
2N1224				AF137	AF118			13
2N1224				AS220	AF124			13
2N1225	G	P	AM, RC, NU, PE	AF125	AF126	2N990		02
2N1225				AF115	AF118			02
2N1225				AF124				02
2N1226	G	P	RC, PE, AM	AF124	AF137	2N2836	2N90	02
2N1226				AF114	AF118			02
2N1227	G	P	ET, ST, SD, PP, CN	(AD130V)	AQ149	2N3611	T13027	08
2N1227				AS216		2N1536		08
2N1228	S	P	ET, ST, CR, RY, SD	(BC178A)	BCY32	2N1475		10
2N1229	S	P	ET, ST, CR, RY, SD	(BC178A)	BCY32	2N1475		10
2N1230	S	P	ET, ST, CR, RY, SD	(BC177A)	BCY32	2N1475		10
2N1231	S	P	ET, ST, CR, RY, SD	(BC177A)	BCY32	2N1475		10
2N1232	S	P	ET, ST, CR, SM, SO	(BCY85EVI)	BCY32	2N1475		10
2N1233	S	P	ET, ST, RY, CR, SM	(BCY85EVI)	BCY32	2N1475		10
2N1234	S	P	CR, ET, SO, SI, ES	BCY32		2N1475		10
2N1238	S	P	HU	BCY32		2N1475		10

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N1239	S	P	HU	BCY32		2N1475	10
2N1240	S	P	HU, S1	BCY32		2N1475	10
2N1241	S	P	HU, S1	BCY32		2N1475	10
2N1242	S	P	HU, S1	BCY32		2N1475	10
2N1243	S	P	HU, S1	BCY32		2N1475	10
2N1244	S	P	HU, S1	BCY32		2N1475	10
2N1245	G	P	CB	AD162	OC30	2N404	06
2N1245				OD603	SFT232		06
2N1246	G	P	CB	AC153	AC117	2N404	06
2N1246				AC128		2N1263	06
2N1247	S	N	TR, ET, SQ, CN	8C107		2N930	01
2N1248	S	N	CN, SQ, TR, ET	8C109		2N930	01
2N1249	S	N	TR, ET, SQ, CN	8C109		2N930	01
2N1250	S	N	TR, SZ, ET, SU, SQ	8DY20		2N3713	06
2N1250						2N3055	06
2N1251	G	N	CN, ET, NP	AC127		2N2430	01
2N1251/1			N SQ	8DY20		2N3055	
2N1252	S	N	F, GI, TR, ET, IC	(BSY58)	BSX30	2N2537	10
2N1252				8SX45		2N2218	10
2N1252A	S	N	RY	BFY50		2N2537	10
2N1253	S	N	F, TR, GI, ET, IC	(BSY58)	BSX30	2N2537	10
2N1253				BSX45	BFY50	2N2297	10
2N1253A	S	N	RY			2N2537	10
2N1254	S	P	CN, SM, TR, EM, SQ			2N722	13
2N1255	S	P	CN, SM, TR, EM, SQ			2N722	13
2N1256	S	P	CN, SM, EM, TR, SQ			2N722	13
2N1257	S	P	CN, SM, TR, EM, SQ	BFX29		2N722	13
2N1257						2N2905A	13
2N1258	S	P	CN, SM, TR, EM, SQ			2N722	13
2N1259	S	P	CN, SM, TR, EM, SQ			2N722	13
2N1261	G	P	SO, KS, CN	AC153	AC117	2N1531	16
2N1261				AC128	AC105	2N1536	16
2N1261				AS216			16
2N1262	G	P	SO, KS, CN	AC153	AC131	2N1531	16
2N1262				AC128	AC105	2N1536	16
2N1262				AC117	AS216		16
2N1263	G	P	SO, KS, CN	AC153	AUY28	2N3617	16
2N1263				AC128	AC117		16
2N1263				AS216			16
2N1264	G	P	SY	AF178	AF127	2N1191	02
2N1264				AF137			02
2N1265	G	P	CN, ET, UP			2N1192	02
2N1266	G	P	CN, ET	AF185	AF127	2N1191	02
2N1266				AF122	AC128	2N1188	02
2N1266				ACY17			02
2N1267	S	N	CN, ET			2N4252	02
2N1268	S	N	ET			2N4252	02
2N1269	S	N	ET			2N4252	02
2N1270	S	N	ET			2N4252	02
2N1271	S	N	ET			2N4252	02
2N1272	S	N	ET			2N4252	02
2N1273	G	P	TX, SR, ET, MO	AC128	AC153	2N1191	01
2N1273				AC117	OC72	2N404	01
2N1273				ACY17		2N1188	01
2N1274	G	P	TX, GI, SR, ET, MO	AC128	ASY26	2N1191	01
2N1274				AC153	ACY17	2N404	01
2N1274				AC117	AC122/30	2N1188	01
2N1274				OC72			01
2N1275	S	P	CR, SD, SQ, ET				06
2N1278	S	N	ET, TX, TR			2N2501	01
2N1279	S	N	ET, TR, TX			2N2501	01
2N1280	G	P	TI, ET, UP			2N1306	10
2N1281	G	P	IC, ET			2N1307	10
2N1282	G	P	IC, ET			2N1307	10
2N1284	G	P	IC, ET, UP			2N1306	10
2N1285	G	P	SY			2N2188	02
2N1287	G	P	SD	AC128	AC153	2N651	01
2N1287				AC137	OC318	2N2431	01
2N1287A	G	P	SD			2N1303	01
2N1291	G	P	ST, CN, KS, ET	AD130V	AC153	2N652	01
2N1291				AC117	AC128	2N1529	01
2N1291				OC318		T13027	06
2N1292	G	P	SZ, GP, CI				06
2N1293	G	P	ST, ET, KS	AD132V	AC153	2N1531	06
2N1293				AC117	AC128	T13027	06
2N1293						ZSB248A	06

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N1293				OC74					06
2N1295	G	P	ST, ET, KS	AD133IV	AC153	2N1532	2N456	25B249	06
2N1296				AC117	AC128				06
2N1295				OC74					06
2N1296	G	N	SZ, GP, CI						06
2N1297	G	P	ST, CN, KS, ET	AD163IV		2N1533	2N456A		06
2N1297						2N3146			06
2N1298	G	N	KS	-		2N1302			06
2N1299	G	N	CN, ET			2N1306			10
2N1300	G	P	SR, II	ASY27	ASZ20	2N2635	2N990		13
2N1300				AF124					13
2N1301	G	P	CN, FR, SQ, ES	ASY27	ASZ20	2N2636	2N990		13
2N1301				AF124					13
2N1302	G	N	PH, TX, NL, SR, ET	(AC127)	ASY28	2N1304			10
2N1302				ASY73	ASY29				10
2N1303	G	P	GE, PH, TX, GI, NT	(AC152)	ASY26	2N1192	2N1305		10
2N1303				ASY27					10
2N1304	G	N	PH, TX, ET, GI, NU	(AC127)	ASY28				10
2N1304				ASY29					10
2N1305	G	P	PH, TX, ET, GE, NT	(AC152)	ASY26				10
2N1305				ASY27					10
2N1306	G	N	PH, TX, ET, GI, NU	(AC127)	ASY29	2N1304			10
2N1307	G	P	PH, TX, ET, GE, NT	(AC152)	ASY27	2N1305			10
2N1307				ASY26					10
2N1308	G	N	PH, TX, ET, GI, NU	(AC127)	ASY29	2N1304			10
2N1309	G	P	PH, TX, ET, NT, RC	(AC152)	ASY27	2N1305			10
2N1309				ASY26					10
2N1310	G	N	CN, SR, ES			MP2373.1			04
2N1311	G	N	CN, SR						06
2N1313	G	P	ET, IC, SZ, GI						10
2N1314	G	P	AM, ST, ET, PE	AD149IV	AD149	2N3611			06
2N1314				AD150					06
2N1315	G	P	AM	ASZ17		2N3611			06
2N1320	G	P	KS	AC153	AC117			25B248	06
2N1320				AC128					06
2N1321	G	N	KS, SZ, GP						06
2N1322	G	P	KS	AC153	AC117			25B248A	06
2N1322				AC128					06
2N1323	G	N	KS						06
2N1324	G	P	KS	AC153	AC117			25B249	06
2N1324				AC128					06
2N1325	G	N	KS			2N1038			06
2N1326	G	P	KS						06
2N1327	G	N	KS			2N1038			06
2N1328	G	P	KS	AC153	AC117	2N1038		25B248	06
2N1328				AC128					06
2N1329	G	N	KS						06
2N1331	G	P	KS	AC153	AC117	2N1038		25B249	06
2N1331				OC74	AC128				06
2N1333	G	P	KS	ASZ15		2N1533			06
2N1335	S	N	SM, SO	BSX47-6					03
2N1336	S	N	SM, SO	BSX47-6					03
2N1337	S	N	SM, SO	BSX47-6					03
2N1338	S	N	NU, SM, SO	BSX46-6	BSX46	2N2219A			03
2N1338				BSY46	BFY13				03
2N1338				BSW54					03
2N1339	S	N	SM, SO	BSX47-6					03
2N1340	S	N	SM, NU, SO	BSX47-7	BFY45	2N2219A			03
2N1340				BF178	BSW66				03
2N1340				BSY45	BSW54				03
2N1341	S	N	SM, SO	BSX47-6					03
2N1342	S	N	NU, SM, SO	(BSX47-6)	BFY45	2N1341	2N2219A		03
2N1342				BF178	BSW66				03
2N1342				BSY45	BSW54				03
2N1343	G	P	IC, ET, UP, CN, FR			2N404			10
2N1344	G	P	IC, ET, UP, CN, FR			2N404			10
2N1345	G	P	IC, ET, UP, CN, FR			2N404			10
2N1346	G	P	IC, ET, UP, CN, FR			2N404			10
2N1347	G	P	IC, ET, UP, CN, FR			2N404			10
2N1348	G	P	CN, IC, ET			2N404			10
2N1349	G	P	CN, IC, ET			2N404			10
2N1350	G	P	CN, IC, ET			2N404			10
2N1351	G	P	CN, IC, ET			2N404			10
2N1352	G	P	IC, ET, UP, CN, GI			2N651			01
2N1353	G	P	IC, ET, UP, CN			2N404			10

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE		
2N1354	G	P	IC, ET, CN		2N404		10		
2N1355	P	P	IC, ET, CN		2N404		10		
2N1356	G	P	IC, ET, CN		2N404		10		
2N1357	G	P	IC, ET, CN		2N404		10		
2N1358	G	P	DD, ET, NU, MO, NP	AUY29	AD138/50	2N2929	2N1100	2S8242	16
2N1358				ASZ16					16
2N1358A	G	P	DD, MO, NU, KS	ADZ12	AC128	2N1100			16
2N1358A				AC153	AD212				16
2N1359	G	P	MO, ET, PP, SD, CN	(AD1311V) OC74	AD149 OC318	2N1536		2S8249	06
2N1359				ADZ16					06
2N1360	G	P	MO, ET, PP, SD, CN	(AD131V)	ASZ16	T13027	2N1536		06
2N1362	G	P	MO, ET, PP, SD, CN	(AD1631V)	AUY34	2N456	2N3146		06
2N1362				ASZ15		2N1533			06
2N1363	G	P	MO, ET, PP, SD, CN	(AD1631V)	ASZ16	2N456A	2N1346		06
2N1363									06
2N1364	G	P	MO, KS, SD, CN	(AD1631V)	ASZ16	2N1533			06
2N1364						2N456A	2N3146		06
2N1365	G	P	MO, KS, SD, CN	(AD1631V)	ASZ16	2N1533			06
2N1365						2N456A	2N3146		06
2N1365						2N1533			06
2N1366	G	N	CN, KS			2N1302			01
2N1367	G	N	CN, KS			2N1304			01
2N1370	G	P	TX, ET, GI, MO, SI	ASY26	ACY17	2N1192	2N1377		01
2N1370						2N1188			01
2N1371	G	P	TX, ET, GI, MO, SI	ACY17		2N1192	2N1377		01
2N1371									01
2N1372	G	P	TX, ET, GE, SR, SS	ACY17		2N1188	2N1377		01
2N1372						2N1191			01
2N1373	G	P	TX, ET, SR, GE, IC	AC153	AC117	2N1188	2N1377	2S8225	01
2N1373				AC128	AC127	2N1191			01
2N1373						2N1188			01
2N1374	G	P	TX, ET, SR, GE, IC	ACY17		2N1192	2N1377		01
2N1374						2N1188			01
2N1375	G	P	TX, ET, SR, GE, IC	AC153	AC117	2N1192	2N1377	2S8226	01
2N1375				AC128	ACY17	2N1188			01
2N1376	G	P	TX, ET, SR, GE, IC	ACY17		2N1192	2N1377		01
2N1376						2N1188			01
2N1377	G	P	TX, ET, SR, GE, IC	AC153	AC117	2N051	2N1188	2S8227	01
2N1377				AC128	ACY17				01
2N1378	G	P	TX, ET, SR, GE, IC	ACY17		2N1193	2N1377		01
2N1378									01
2N1378						2N1188			01
2N1379	G	P	TX, ET, SR, GE, IC	ASY26	ACY17	2N1193	2N1377		01
2N1379						2N1188			01
2N1380	G	P	TX, ET, GE, IC, SR	ASY26	ACY17	2N1192	2N1377		01
2N1380						2N1188			01
2N1381	G	P	TX, ET, GE, IC, SR	ACY17		2N1192	2N1377		01
2N1381						2N1188			01
2N1382	G	P	TX, ET, ES, FR, IC			2N1192	2N1374		01
2N1383	G	P	TX, ET, FR, MO, SZ			2N1192	2N1377		01
2N1384	G	P	IC			2N2635			13
2N1385	G	P	TX	AF139	AF186				16
2N1385				ASZ21					16
2N1386	S	N	CN, SM, ET			2N2218			10
2N1387	S	N	CN, SM, ET			2N2218			10
2N1388	S	N	CN, ET, SM			2N2218			10
2N1389	S	N	CN, SM, ET, SR			2N2218			02
2N1390	S	N	CN, SM, ET			2N2218			02
2N1392	G	P		AC151	AC125	2N1394		2S8111	04
2N1392				OC70	AC122				04
2N1392				AC162					04
2N1394	G	P		AC151	AC125	2N1392		2S8111	04
2N1394				OC70	AC122				04
2N1394				AC162					04
2N1395	G	P	AM, PE, RC, CN	AF124		2N2955	2N2188		02
2N1395						2N990			02
2N1396	G	P	RC, CN, PE, AM	AF118	ASZ20	2N3323	2N2191		02
2N1396				AF124		2N990			02
2N1397	G	P	RC, PE, CN	AF118	ASZ20	2N3323	2N2191		02
2N1397				AF124		2N990			02
2N1398	G	P	TX			2N2996			02
2N1399	G	P	TX	AF106	AFZ12	2N2996			02
2N1400	G	P	TX	AF124	AF134	2N2996			02
2N1400				AF131					02
2N1401	G	P	TX	AF124	AF134	2N2996			02
2N1402	G	P	TX	AF124	AF134	2N2996			02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N1403	G	P	TX			2N2996			02
2N1404	G	P	TX, ET, GI, SR, UP	AF124	AF134	2N1303	2N1307		10
2N1404A	G	P	TX	ACY27		2N1306			10
2N1405	G	P	TX			2N1303			10
	G	P	TX			2N2996			02
2N1406	G	P	TX	AF178		2N2495	2N2996		02
2N1407	G	P	TX	AF178		2N2495	2N2996		02
2N1408	G	P	ET, MO, GI, SR, CN	1A5V48(VI)	ACY17	2N2000	2N1189		10
2N1409	S	N	ET, CN, SM, SQ, ET	BS245-6					13
2N1409A	S	N	ET, CN, SM, SQ	8CW77 16					13
2N1410	S	N	ET, CN, SM, SQ	BSX45-16					13
2N1410A	S	N	ET, SQ, SM	8CW77-16	BSX46				13
2N1411	G	P	CN, ID, SP, FR, SM	AF124	AF134	2N962	2N2188		10
2N1412	G	P	DD, KS, NP, SD, MO			2N1100			16
2N1413	G	P	MO, GE, ET, SO, CN	AC152IV					10
2N1414	G	P	MO, GE, ET, IC, SR	(AC152IV)					10
2N1415	G	P	MO, GE, ET, SQ, UP	(AC152V)					10
2N1416	G	P	MO, CN, ET	(AC152V)	AC153	2N1193			01
2N1416	G	P		AC117	AC128				01
2N1419	G	P	IN			2N1164			16
2N1420	S	N	IT, SG, PH, SE, F	BSX45-6	8FY56	2N1711	2N3643		02
2N1420	S	N		8FY47	BSX46-6	2N2222	2N2243A		02
2N1420	S	N		BSY10					02
2N1420A	S	N	F, TI, SM, SQ, SG	BSX46-6	BSX46-10	2N3643	2N2219		02
2N1420A	S	N				2N2243A			02
2N1425	G	P	RC	AF185	AF124	2N2188			01
2N1425	G	P		AF134	AF126				01
2N1425	G	P		AF137					01
2N1426	G	P	RC	AF185	AF124	2N2188			01
2N1426	G	P		AF134	AF126				01
2N1426	G	P		AF136					01
2N1427	S	P	ID, SP, SQ, SM	AF124	AF134	2N962	2N2635		13
2N1428	S	P	PH			2N1132	2N2906		10
2N1429	S	P	SP, CR, SQ, ID	(BC178A)	BC202R	2N1132	2N2906		10
2N1429	S	P		BC238	BC239				10
2N1429	G	N	ET, NP	BC173					10
2N1431	G	P	SY	AC127		2N2430	2N1302		01
2N1432	G	P	CB	AC153	AC117	2N2189			01
2N1433	G	P	CB	AC128				258252	06
2N1433	G	P	CB	AC128					06
2N1434	G	P	CB	AD148	AD139	2N1435		258259	06
2N1434	G	P	CB	OC3C	OD603				06
2N1435	G	P	CB	AD148	AD139	2N1434		258259	06
2N1435	G	P	CB	OC3C	OD603				06
2N1437	G	P	KS, SZ	AC153	AC117	2N456A	2N3146	258249	06
2N1437	G	P	KS, SZ	AC128	OC74				06
2N1438	G	P	KS, SZ	AC153	AC117	2N456A	2N3146	258252A	06
2N1438	G	P	KS, SZ	AC128					06
2N1439	S	P	CN, RY, CR, SQ, SQ			2N2945	2N2946		01
2N1440	S	P	CN, ET, SQ, SQ, CR			2N2945	2N2946		01
2N1441	S	P	CN, ET, SM, SQ, CR			2N2945	2N2946		01
2N1442	S	P	CN, ET, SM, CR, RY			2N2945	2N2946		01
2N1443	S	P	CN, RY, CR, SM, SQ			2N2945	2N2946		01
2N1444	S	N	WE			2N3252			13
2N1445	S	N	CN, SQ, TR			2N5682			06
2N1446	G	P	IC, ET, CN			2N1191	2N1373		01
2N1446	G	P	IC, ET, CN			2N1377			01
2N1447	G	P	IC, ET, CN			2N1191	2N1373		01
2N1447	G	P	IC, ET, CN			2N1377			01
2N1448	G	P	IC, ET, CN			2N1192	2N1373		01
2N1448	G	P	IC, ET, CN			2N1377			01
2N1449	G	P	IC, ET, CN			2N1189	2N1375		01
2N1449	G	P	IC, ET, CN			2N1377			01
2N1450	G	P	CN, ET			2N2955	2N1143		10
2N1451	G	P	IC, ET, CN			2N484	2N1375		01
2N1451	G	P	IC, ET, CN			2N1377			01
2N1452	G	P	IC, ET, CN			2N1191	2N1375		01
2N1452	G	P	IC, ET, CN			2N1377			01
2N1455	G	P	CN, Kt			2N456A	2N3146		06
2N1456	G	P	CN, KS			2N456A	2N3146		06
2N1459	S	P	SD, CR, RY, ET, SM			2N2944	2N2945		01
2N1470	S	N	CN, SF			2N5068			06
2N1471	G	P	IC, ET, CN			2N1309			10
2N1472	G	N	CN, ET			2N2537	2N3015		13
2N1473	G	N	CN, ET			2N2000			10

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N1474	S	P	SD, ET, SM, CR	BSY16	BCY11	2N2944	2N2945		01
2N1474A	S	P	SD, CR, SM, CN, ET	BCY11	BCY12	2N2944	2N2945		01
2N1475	S	P	SD, CR, SM, CN, ET	BCY11		2N2944	2N2945		01
2N1476	S	P	SD, CR, SM, CN			2N2944	2N2945		01
2N1477	S	P	SD, CR, SM, CN			2N2944	2N2945		01
2N1478	S	P	CN, GI, IC, ET			2N3427	2N1307		10
2N1479	S	N	RC, SZ, LU, SQ, TR	BSX45-6	BFX34	2N2967	2N4237		16
2N1480	S	N	RC, SZ, ET, LU, SQ	BSX46-6	BFX34	2N2968	2N4238		16
2N1481	S	N	RC, SZ, ES, ID, LU	(BSX45-6)	BFX34	2N2969	2N4239		16
2N1481						2N4237			16
2N1482	S	N	RC, SZ, ET, IC, PI	BSX46-6	BFX34	2N2990	2N4238		16
2N1483	S	N	RC, SZ, ES, PI, UP	BSX62-6		2N3766	2N4231		16
2N1484	S	N	RC, SZ, ID, SF, SU	(BSX63-6)		2N3766	2N4232		16
2N1485	S	N	RC, SZ, ES, PI, UP	BSX62-10		2N3766	2N4231		16
2N1486	S	N	RC, SZ, ES, PI, UP	BSX63-10:		2N3766	2N4232		16
2N1487	S	N	RC, SZ, ET, SD, SM	BDY38	BD130	2N3713	2N3055		16
2N1487				AM291		2N4913			16
2N1488	S	N	RC, ET, SD, SZ, PP	BDY20	BD130	2N3714	2N3055		16
2N1488				AM291		2N4914			16
2N1489	S	N	RC, ET, SD, SZ, PP	BDY38	BD130	2N3713	2N3055		16
2N1489				AM291		2N4913			16
2N1490	S	N	RC, ET, SZ, SO, PI	BDY20	BD130	2N3714	2N3055		16
2N1490				AM291		2N4914			16
2N1491	S	N	RC, SM, SQ, CN	(BCY65EVIII)					02
2N1492	S	N	RC, SQ, SM	(BCY58BVIII)					02
2N1493	S	N	RC, SQ, TO, SM	(BCY65EVIII)					02
2N1494	G	P	MO	(ASY26)					13
2N1494A	G	P	MO	(ASY26)					13
2N1495	G	P	MO	(ASY26)					13
2N1496	G	P	MO	ASY26					13
2N1499	G	P	CN, FR, SM, ET, MO		AF190	2N960	2N964		13
2N1499A	G	P	ET, SP, MO, ID, SM			2N960	2N964		13
2N1499B	G	P	SP, ET, MO, FR, CN	AF106	AF190				13
2N1500	G	P	ET, ID, SP, FR, MO			2N962	2N964		13
2N1501	G	P	SD, KS	AC153	AC117	2N2144		25B2488	13
2N1501				AC128	ASZ16				13
2N1502	G	P	SD, KS	AC153	AC117	2N2143	T13027	25B248	13
2N1502				AC128					13
2N1504	G	P	SZ			2N456A	2N3146		06
2N1506	S	N	NU, TW, SM, SO	BSX45-6	BSX46-6	2N2218	2N2217		03
2N1506				BFY12		2N2219			03
2N1506	S	N	NU, TW, SD, SQ, CN	BSX45-6	BSX46-6	2N2218	2N2217		03
2N1506				BFY12		2N2219			03
2N1506A	S	N	NU, TW, IO, SD, SQ	BSX46-6					03
2N1507	S	N	TI, TX, RY, ET, CA	BSX45-16	BSX45-10	2N1711	2N2219		10
2N1507						2N2243A			10
2N1511	S	N	SZ, SQ			2N3713	2N4913		16
2N1512	S	N	SZ, SQ			2N4914			16
2N1513	S	N	SZ, SQ			2N4913			16
2N1514	S	N	SZ, SQ			2N4914			16
2N1515	G	P	AM	AF185	AF126				
2N1515				AF137	AF127				
2N1516	G	P	AM	AF185	AF125				02
2N1516				AF185	AF126				02
2N1517	G	P	AM	AF178	AF124	2N2495			
2N1517				AF134	AF185				
2N1518	G	P	DD, ET, NP, CN			2N2153	MP943		16
2N1519	G	P	DD, NP, CN			2N2154	MP943A		16
2N1520	G	P	DD, ET, NP, CN			2N2153	MP944		16
2N1521	G	P	DD, NP, CN			2N2154	MP944A		16
2N1522	G	P	DD, ET, NP, CN			2N2153			16
2N1523	G	P	DD, NP			2N2154			16
2N1524	G	P	SR, RC	AF185		2N3325			02
2N1525	G	P	SR, RC	AF185	AF200	2N3325	T1S37		02
2N1525				AF181	AF127				02
2N1526	G	P	RC, SR	AF185		2N3325	T1S37		02
2N1527	G	P	RC, SR	AF185		2N3326	T1S37		02
2N1528	S	N	RC, SR	BSY34	BSW51	2N2218			02
2N1529	G	P	MO, ET, TX, CN, KS	AUY19HII					06
2N1529A	G	P	MO, ET, SO, CN, KS	AUY19HII					06
2N1530	G	P	MO, ET, TX, UP, CN	AUY19HII					06
2N1530A	G	P	MO, KS, SO, ET, PP	AUY19HII					06
2N1531	G	P	MO, ET, TX, UP, CN	AUY20HII					06
2N1531A	G	P	MO, ET, PP, SD, CN	AUY20HII					06
2N1532	G	P	MO, ET, PP, TX, UP	AUY34HII					06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
2N1532A	G	P	MO, KS, SD, ET, PP	AUY34111	AUY23111		06	
2N1533	G	P	MO, ET, TX, UP, CN	AUY34111			06	
2N1534	G	P	MO, DD, KS, ET, SD	AUY191V			06	
2N1534A	G	P	MO, ET, PP, SD, CN	AUY191V			06	
2N1535	G	P	MO, DD, ET, TX, KS	AUY191V	AD133		06	
2N1535				ADZ11			06	
2N1535A	G	P	MO, KS, SD, ET, PP	AUY191V			06	
2N1536	G	P	MO, DD, ET, TX, KS	AUY201V	ASZ18		06	
2N1536A	G	P	MO, ET, PP, SD, CN	AUY201V			06	
2N1537	G	P	MO, ET, TX, UP, CN	AUY341V			06	
2N1537A	G	P	MO, ET, PP, SD, CN	AUY341V			06	
2N1538	G	P	MO, ET, SD, TX, CN	AUY341V			06	
2N1539	G	P	MO, DD, ET, TX, SD	AUY191V			06	
2N1539A	G	P	MO, KS, SD, ET, PP	AUY191V			06	
2N1540	G	P	MO, DD, TX, ET, CN	AUY191V	ASZ16		06	
2N1540A	G	P	MO, ET, PP, SD, CN	AUY191V			06	
2N1541	G	P	MO, ET, TX, KS, SD	AUY201V			06	
2N1541A	G	P	MO, KS, SD, ET, PP	AUY201V			06	
2N1542	G	P	MO, DD, TX, UP, CN	AUY341V			06	
2N1542A	G	P	MO, KS, SD, CN, PP	AUY341V			06	
2N1543	G	P	MO, KS, TX, UP, CN	AUY341V			06	
2N1544	G	P	MO, DD, TX, ET, KS	AUY191V	ASZ16		06	
2N1544A	G	P	MO, ET, PP, SD, CN	AUY191V			06	
2N1545	G	P	MO, ET, TX, KS, UP	AUY191V	ASZ18		06	
2N1545A	G	P	MO, KS, SD, ET, PP	AUY191V			06	
2N1546	G	P	MO, DD, KS, ET, TX	AUY201V	ASZ15		06	
2N1546A	G	P	MO, ET, PP, SD, CN	AUY201V			06	
2N1547	G	P	MO, KS, SD, TX, CN	AUY341V			06	
2N1547A	G	P	MO, KS, SD, CN, PP	AUY341V			06	
2N1548	G	P	MO, KS, TX, UP, CN	AUY341V			06	
2N1549	G	P	MO, ET, PP, UP, CN	AUY291V	T13027		06	
2N1549A	G	P	MO, ET, PP, SD, CN	AUY29111			06	
2N1550	G	P	MO, ET, PP, UP, CN	AUY29111	T13028		06	
2N1550A	G	P	MO, ET, PP, SD, CN	AUY29111			06	
2N1551	G	P	MO, ET, PP, UP, CN	ADZ12			06	
2N1552	G	P	MO, ET, PP, UP, CN			2N1021A	06	
2N1552A	G	P	MO, ET, PP, SD, CN			2N1021A	06	
2N1553	G	P	MO, ET, PP, UP, CN	AUY291V		T13027	06	
2N1553A	G	P	MO, ET, PP, SD, CN	AUY291V		T13027	06	
2N1554	G	P	MO, ET, PP, UP, CN	AUY291V		T13028	06	
2N1554A	G	P	MO, ET, PP, SD, CN	AUY291V			06	
2N1555	G	P	MO, ET, PP, UP, CN	ADZ26	ADZ12		06	
2N1556	G	P	MO, ET, PP, UP, CN			2N1021A	06	
2N1556A	G	P	MO, ET, SD, CN, KS			2N1021A	06	
2N1557	G	P	MO, ET, SD, CN, KS	AUY291V		2N514	06	
2N1557A	G	P	CN, KS, SD, MO, ET	AUY291V		2N456A	06	
2N1558	G	P	MO, ET, SD, CN, KS	AUY291V		2N514A	06	
2N1558A	G	P	MO, KS, SD, ET	AUY291V		2N514A	06	
2N1559			MO, ET, SD, CN, KS			2N514B	06	
2N1564	S	N	NU, PH, TX, ET, SO	(BSX46-6)	BSX46	2N2218	25C154 01	
2N1564				BFY80			01	
2N1565	S	N	TX, PH, SE, NU, ET	(BSX46-6)	BSX46	40360	2N2218	25C154 01
2N1565				BFY80	BSW51			01
2N1565A	S	N	TX			40360		01
2N1566	S	N	NU, PH, TX, ET, BT	(BSX46-16)	BSX46	2N2219	2N2218	25C154 01
2N1566				BFY80	BSW52			01
2N1566A	S	N	ET, TX, CN, ML, TD	(BSX46-10)	BC141-10	2N2219		01
2N1572	S	N	CN, NU, SO, TX, ET		BSX47-6			25C857 01
2N1572				BFY148				01
2N1573	S	N	TX, PH, NU, ET, SM		BSX47-6	40409		25C857 01
2N1573				BFY178				01
2N1573				BFY148	BFY14C			01
2N1574	S	N	TX, PH, ET, SM, CN	BSX47-10	BFY14C	40409	2N1893	25C857 01
2N1574				BFY14D				01
2N1605	G	N	CN, TX, ET, RC, GI			2N1304		10
2N1605A	G	N	CN, ET, RC, ES, GI			2N1305	2N1605	10
2N1609	G	P	OD			2N2140		06
2N1610	G	P	OD			2N2145		06
2N1611	G	P	OD			2N2138		06
2N1612	G	P	OD			2N2143		06
2N1613	S	N	RY, F, MO, NU, RA	BSX46-6	BFX69	2N3567		10
2N1613				BFX69A	BFY67			10
2N1613				BFY34	BSX45-6			10
2N1613				BFY33				10
2N1613A	S	N	CA, SM, St, TD, RY	BFX68A		2N2218	2N1613	10
2N1613B	S	N	CA, SM, St, RY, SO	BSX47-6				10

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N1613S	S	N	MO			2N1613			
2N1614	G	P	GE, CN, UP, SR	(ASY48IV)	ASY48	2N1924	2N2000		10
2N1614	S	N	TR, SZ, ET, SD, SM	ACY24					10
2N1615	S	N	TR, SZ, ET, SD, EM	(BSK47-6)					02
2N1616	S	N	TR, SZ, ET, SD, EM	AM291	BDY11	2N3487	2N3056		03
2N1616	S	N	SZ, TR, ET, SM, SO			2N1210	2N1724		03
2N1616A	S	N	TR, SZ, ET, SD, SM	BDY91	BCY28	2N3487			06
2N1617	S	N	SZ, TR, ET, SM, SO	8FC38	BDY17	2N1211			03
2N1617A	S	N	SZ, TR, ET, SM, SO			2N1724			06
2N1618	S	N	TR, SZ, ET, SD, ML	BDY90	8FY34	2N3488	2N1724		03
2N1618	S	N	SZ, TR, ET, SM, SO	BDY11					03
2N1618A	S	N	TR, SZ, ET, SD, SM			2N3488			06
2N1620	S	N	TR, ET, SD, SZ, SO			2N3446	2N1724		03
2N1624	G	N	CN, GI, ET			2N1308			10
2N1631	G	P	SI, RC	AF185		2N3325	2N2635		02
2N1632	G	P	SI, RC	AF185	AF108	2N3325	2N2635		02
2N1633	G	P	SI, RC	AF136		2N2635		2SA230	02
2N1634	G	P	SI, RC	AF185	AF108	2N2635		2SA230	02
2N1634	G	P	SI, RC	AF136					02
2N1635	G	P	SI, RC	AF185	AF108	2N2635		2SA230	02
2N1635	G	P	SI, RC	AF136					02
2N1636	G	P	SI, RC	AF185	AF108	2N2635		2SA230	02
2N1636	G	P	SI, RC	AF136					02
2N1637	G	P	SI	AF185	AF124	2N3325	2N2635	2SA235	02
2N1637	G	P	SI	AF136					02
2N1638	G	P	SI	AF185	AF124	2N3325	2N2635	2SA235	02
2N1638	G	P	SI	AF136	AF134				02
2N1639	G	P	SI	AF185	AF124	2N3325	2N2635	2SA235	02
2N1639	G	P	SI	AF136					02
2N1640	S	P	CR, SM, SQ, RY	AF136	AF134				02
2N1641	S	P	CR, SM, SQ, RY			2N2945	2N2946		12
2N1642	S	P	CR, SM, SQ, RY			2N2945	2N2946		12
2N1643	S	P	CR, SD, SO, RY			2N2945	2N2944		12
2N1644	S	N	SM, TI, SO			2N2218			01
2N1644	S	N	SM, TI, SO			2N2218	2N1893		10
2N1646	G	P	SY	(AF201U)	AF201	2N243A			10
2N1646	S	N	TR, SZ, SO, UN, CN	AF202	AF106			2SA230	13
2N1647	S	N	TR, SZ, SO, UN, CN			2N2150			13
2N1648	S	N	TR, SZ, SO, UN, CN						03
2N1649	S	N	TR, SZ, SO, UN, CN			2N2151			03
2N1650	S	N	TR, SZ, SO, UN, CN			2N2150			03
2N1651	G	P	SO, ET, MO, SO, CN			2N2151			03
2N1652	G	P	SO, KS, SO, MO, CN			2N2832			06
2N1652	G	P	SO, KS, SO, MO, CN			2N2833			06
2N1653	G	P	SD, KS, SO, MO, CN			2N2834			06
2N1654	S	P	CN, ET, SO, CR, SO			2N2944	2N2945		06
2N1655	S	P	CN, ET, SO, CR, SO			2N2944	2N2945		06
2N1656	S	P	CN, ET, SO, CR, SO			2N2944	2N2945		06
2N1657	S	N	TX			2N5320			06
2N1660	S	N	TX			2N1722			06
2N1661	S	N	TX			2N1722			06
2N1662	S	N	TX			2N1722			06
2N1663	S	N	PH, TX			2N2369A	2N3011		13
2N1666	G	P	PE, PH, GP	AUY22II	AUY22II	2N3616	T13027	25B341	16
2N1666	S	N	TX						16
2N1667	G	P	PE, AM	ASZ15	AUY21IV	2N3618	T13027	25B341	16
2N1667	G	P	PE, AM	AUY21III	AUY28				16
2N1667	G	P	PH, PE	ASZ16	AUYIV	2N3616	T13027	25B341	16
2N1668	G	P	PH, PE	AUY21III					16
2N1668	G	P	PH, PE	AD138	ASZ16				16
2N1668	G	P	PH, PE	ASZ17					16
2N1669	G	P	PH, PE	AUY22IV	AUY22II	2N3616	T13027	25B341	16
2N1669	G	P	SM, SO	ASZ18	ASZ16				16
2N1670	G	P	SM, SO			2N398			10
2N1671	U	P	GE, SM, TX, UP, CN						
2N1671A	U	P	GE, TX, ES, SB, UP	BC160		2N1671	2N1132		
2N1672	G	N	GI, ET, UP, CN			2N1302			04
2N1673	G	P	SY	AF200	AF181	2N404			10
2N1676	S	P	ID, SP, SO, SM			2N2944	2N2945		12
2N1677	S	P	ID, SP, SO, SM			2N2944	2N2945		12
2N1678	G	P	SM, SO			2N2191			10
2N1679	S	N	TX			2N5335			10
2N1680	S	N	TX			2N5334			10
2N1682	S	N	SM, SO			EN914	2N2217		10

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N1682					2N2219		10
2N1683	G	P	RC, UP		2N2636		13
2N1690	G	N	TX, SU, SQ, ET, SZ		2N4912		06
2N1694	S	N	ET		2N1302		10
2N1700	S	N	RC, ET, SZ, F, SM	BFY50	2N2218		10
2N1701	S	N	RC, SZ, FE, SF, SU		2N2218		10
2N1702	S	N	RC, ET, SZ, FE, SM		2N2218	2N4913	10
2N1703	S	N	CN, SM, SQ, FE, SZ		2N2218		10
2N1704	S	N	CN, ET		2N2218	2N1893	10
2N1704					2N2243A		10
2N1706	G	P	MO, ET, CN, GI, SR	(AC152V1)			01
2N1706	G	P	MO, ET, CN, GI, S1	(AC152V1)			01
2N1707	G	P	MO, ET, CN, GI, S1	(AC152V1)			01
2N1708	S	N	F, MO, FE, CN, SM	BSY82	BSX87	EN914	13
2N1708A	S	N	CN, SQ	BSX87	2N743	2N473	13
2N1708B	S	N			2N743		
2N1711	S	N	F, MO, TX, V, AT	BSX46-16	BFX68	EN1711	10
2N1711				BFX68A	BFY68	2N2219A	10
2N1711				BFY46	BSX46-10	2N2219	10
2N1711A	S	N	RY, TX, CN, FR, SM	BSX46-16	BFX68A	2N1711	02
2N1711A						2N3643	02
2N1711A						2N2219A	02
2N1711B	S	N	RY, CA, SQ, S1, FR	18SK47-61		2N2219A	02
2N1715	S	N	TX			2N1711	02
2N1714	S	N	TX, UN, ET, SM, SQ	BSX46-6		2N4237	06
2N1715	S	N	TX, UN, ET, SM, TR	BSX46-6		2N5681	08
2N1716	S	N	TX, ET, SM, UN, TR	(BSK47-6)		2N1482	08
2N1717	S	N	TX, UN, ET, SM, TR	(BSK47-6)		2N5681	08
2N1718	S	N	TX, UN, FR, SD, TR			2N3766	08
2N1719	S	N	TX, UN, FR, SQ, CN			2N3766	08
2N1720	S	N	TX, UN, FR, SD, TR			2N3766	08
2N1721	S	N	TX, UN, FR, SO, CN			2N3767	08
2N1722	S	N	TX, ET, SZ, SD, TR			2N3787	08
2N1723	S	N	TX, SZ, SD, TR, SQ			2N3446	08
2N1724	S	N	TX, ET, MO, SD, F	BLV17		2N3448	08
2N1724A	S	N	TX, SZ, TR, S1, ML	BLV17		2N4347	08
2N1724A						2N4347	08
2N1725	S	N	TX, SD, UN, MO, SZ	AM291	BDX10	2N3065	08
2N1726	G	P	ET, SM, SP, FR			2N3323	02
2N1727	G	P	ET, SM, SP, FR	AF124	AF134	2N3324	02
2N1728	G	P	ET, ID, SP, FR, SM			2N3324	02
2N1728	G	P	ET, UP			2N1303	10
2N1730	G	N	ET			2N1302	10
2N1731	G	P	ET			2N1303	01
2N1732	G	N	ET			2N1302	01
2N1742	G	P	ET, SP, MO, ID, SM	AF127	AF137	2N3288	02
2N1742				AF124			02
2N1743	G	P	ET, ID, SP, FR			2N3284	02
2N1744	G	P	ET, ID, SP, FR			2N3284	02
2N1745	G	P	ET, ID, SP, FR, SM	AF126	AF137	2N3285	02
2N1745				AF136		2N2996	02
2N1746	G	P	ET, ID, SP, FR, SM			2N3323	02
2N1747	G	P	ET, ID, SP, FR, SM			2N3324	02
2N1748	G	P	ET, ID, SP, FR, SM			2N3324	02
2N1748A	G	P	ET, ID, SP, FR, SM			2N3323	02
2N1749	G	P	ET, ID, SP, FR, SM			2N3323	02
2N1750	G	P	PH			2N2996	01
2N1751	G	P	SD, MO, TR, KS			2N2996	06
2N1752	G	P	ET, ID, SP, FR			2N3325	01
2N1754	G	P	ET, ID, SP, MO, FR			2N964	13
2N1755	G	P	ST, ET, KS	AUY191V		2N2137	16
2N1756	G	P	ST, ET, KS	(AUY191V)		2N2138	16
2N1756						2N2554	16
2N1757	G	P	ST, ET, KS	(AUY201V)		2N2139	16
2N1757						2N2552	16
2N1758	G	P	ST, KS	(AUY341V)		2N2140	16
2N1758						2N2555	16
2N1759	G	P	ST, ET, KS	(AUY191V)		2N2142	16
2N1759						2N2564	16
2N1760	G	P	ST, ET, KS, ID	(AUY191V)	AUY2111	2N2143	16
2N1760				AD138	ASZ15		16
2N1761	G	P	ST, ET, KS	(AUY201V)	AUY2111	2N2144	16
2N1761							16
2N1761				AUY28	ASZ18		16
2N1762	G	P	ST, KS	(AUY341V)		2N2145	16
2N1763	S	N	RY			2N3014	10
2N1764	S	N	RY			2N2369A	10
2N1768	S	N	CN, SZ, SF, SM, SO			2N3011	10
2N1768						2N3713	10

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N1788						2N3445	2N4231		10
2N1789	S	N	SF, SZ, CN, SM, SQ			2N3713	2N1050		10
2N1789	G	P	ET, SP, CN, FR, SM			2N3445	2N4232		10
2N1785	G	P	CN, SP, ET, ID, SQ			2N3324	2N2996		02
2N1786	G	P	ET, SP, CN, FR, SM			2N3323	2N1996		02
2N1787	G	P	ET, SP, CN, FR, SM			2N3324	2N2996		02
2N1786	G	P	ET, SP, CN, FR, SM			2N3325	2N2996		02
2N1789	G	P	ET, SP, CN, FR, SM			2N3325	2N2996		02
2N1790	G	P	ET, SP, CN, FR, SM			2N3323	2N2996		02
2N1808	G	N	TX, GI, ET			2N1302			10
2N1837	S	N	CN, SM, TI, ET, SQ	BF194	BF115	2N2218		2SC260	13
2N1837A	S	N	ET, SQ, TI, SM			2N2218			13
2N1837B	S	N	GE						13
2N1838	S	N	ET, YI, CN, SM, SQ	BF194	BF115	2N2218		2SC260	13
2N1839	S	N	CN, SM, TI, ET, SQ	BF194	BF115	2N2218		2SC260	13
2N1840	S	N	CN, SM, TI, ET, SQ	BF194	BF115	2N2218		2SC260	13
2N1841	S	N	NS			2N5320			03
2N1853	G	P	FR, UP, SQ			2N2635			13
2N1854	G	P	FR, UP, SQ			2N2635			13
2N1864	G	P	ET, SP, CN, FR, SM			2N3324	2N2997		02
2N1865	G	P	CN, FR, SM, SP, ET			2N3325	2N2997		02
2N1866	G	P	ET, SP, CN, FR, SM			2N3323	2N2997		02
2N1867	G	P	ET, SP, CN, FR, SM			2N3324	2N2997		02
2N1868	G	P	ET, SP, CN, FR, SM			2N3325	2N2997		02
2N1886	S	N	TR, SZ, SM, SU, UN	BLY17		2N4914	2N4911		03
2N1889	S	N	TX, SG, SE, F, ET	BSW65	BSX46-6	2N3498	2N699		02
2N1889				BSX46-10	BC141-10				02
2N1889				BSY87	BF109				02
2N1890	S	N	F, ET, RY, TX, TI	BSW66	BSX46-16	2N3499			02
2N1890				BSX46	BSY88				02
2N1890				BF108					02
2N1891	G	N	TX, St			2N1304	2N1306		10
2N1892	G	P	TX, ET, SQ, CN			2N1303			13
2N1893	S	N	MO, TX, V, F, RC	BFW33	BSX47-10	2N3498		2SC708	02
2N1893				BSY45	BF109				02
2N1893				BFY14	BSX47-6				02
2N1893A	S	N	CA, SM, SQ, RY, SZ			2N3498			02
2N1893B	S	N	MO			2N1893			03
2N1895	S	N	RY			2N4239			06
2N1896	S	N	RY			2N5336			06
2N1897	S	N	RY			2N5336			06
2N1898	S	N	RY			2N5338			06
2N1899	S	N	TW, PH, SQ, SM, LI			2N4002			14
2N1901	S	N	TW, SQ, SM			2N4002			14
2N1906	G	P	RC, SG, SQ, ID	(AD163IV)		2N2832	2N1046		06
2N1906	G	P	RC, SQ, AT	(AD163IV)	AL100	2N2832	2N1907		06
2N1907	G	P	TX, UP, SQ			2N2832	MP1907		03
2N1907A	G	P	TX			2N1907			03
2N1908	G	P	TX, SQ, UP, ID			2N2832	MP1910		03
2N1908A	G	P	TX			2N1907	2N1908		03
2N1917	S	P	SD, CR, SM, UP, CN	BC160	BCY12	2N1132			12
2N1918	S	P	SD, CR, SM, UP, CN	BC160	BCY12	2N1132	2N2944		12
2N1918						2N2945			12
2N1919	S	P	SD, CR, RY, SO, SM	BCY29	BCZ12	2N2944	2N2945		12
2N1919				BCZ12					12
2N1920	S	P	SD, CR, SM, UP, CN	BCY29	BCZ12	2N2944	2N2945		12
2N1921	S	P	SD, CR, SM, UP, CN	BCZ12		2N2944	2N2945		12
2N1922	S	P	SD, CR, SQ, UP, CN	BCZ12		2N2944	2N2945		12
2N1924	G	P	GE, MO, ET, NU, St	ASY77	ASY48IV	2N1305	2N1307		01
2N1924				AC131-30					01
2N1925	G	P	GE, NU, ET, MO, St	ASY77	ASY48IV	2N1307			01
2N1925				ASY48V	AC131-30				01
2N1926	G	P	GE, MO, TX, PH, SS	(ASY48VI)	ASY77				01
2N1936	S	N	ET, SZ, St, ML, TR			2N3848			06
2N1937	S	N	St, ML, SZ, TR, TX			2N3846			06
2N1940	G	P				TI3027			03
2N1943	S	N	SM, SQ			2N1893	2N2243A		01
2N1944	S	N	IC, SZ, St, SM, SQ			2N1893	2N2243A		10
2N1945	S	N	IC, SZ, St, SM, SQ			2N1893	2N2243A		10
2N1946	S	N	IC, SZ, St, SM, SQ			2N1893	2N2243A		10
2N1954	G	P	CN, GI, ET			2N651	2N2000		10
2N1955	G	P	CN, ET			2N1190	2N2000		10
2N1956	G	P	CN, ET			2N651	2N2000		10
2N1957	G	P	CN, ET			2N1187	2N2000		10
2N1956	S	N	CN, ET, SZ, St, TR			2N2537			13

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N1958A	S	N	CN, SQ, TR, ET, S1		2N2537		13
2N1959	S	N	MO, ET, SQ, CN, HS	BSY34	2N2537		13
2N1959A	S	N	CN, ET, SQ, SM, S1		2N2537		13
2N1960	G	P	SY		2N964		13
2N1961	G	P	SY		2N964		13
2N1962	S	N	SY		2N834	2N2369A	13
2N1962	S	N	SY		2N3011		13
2N1963	S	N	SY		2N834	2N2369A	13
2N1963	S	N	SY		2N3011		13
2N1964	S	N	SY		2N2539	2N2537	13
2N1964	S	N	SY		2N3015		13
2N1965	S	N	SY		2N2539	2N2537	13
2N1965	S	N	SY		2N3015		13
2N1968	G	P	TG		2N2967		04
2N1969	G	P	CN, ET, UP		2N2966		10
2N1970	G	P	DD, MO, ET, SD, CN		2N1100		06
2N1971	G	P	CN, SO, SD		2N2140		06
2N1972	S	N	TI, CN, ET, IC, SR	BFX68	2N3643	2N2219	02
2N1973	S	N	F, TX, ET, RY, TI	BSX46-16	2N2219		01
2N1973	S	N	F, TX, ET, RY, TI	BC141-10	BSX46		01
2N1973	S	N	F, TX, ET, RY, TI	BF109			01
2N1974	S	N	TX, F, RY, TO, ET	BSX46-10	BSX46-6	40360	2N3498
2N1974	S	N	TX, F, RY, TO, ET	BC141-6	BSX46		01
2N1974	S	N	TX, F, RY, TO, ET	BF109			01
2N1975	S	N	TX, F, ET, RY, TI	BSX46-6	BC141-6	40360	2N3498
2N1975	S	N	TX, F, ET, RY, TI	BSX46			01
2N1983	S	N	F, MO, TX, RY, TI	BSX46	BSX21		01
2N1983	S	N	F, MO, TX, RY, TI	BSX46-16	BCY65	2N2218	01
2N1983	S	N	F, MO, TX, RY, TI	BSY92	BF177		01
2N1983	S	N	F, MO, TX, RY, TI	BSY10			01
2N1984	S	N	SG, F, MO, ET, RY	BSX45-10	BFY33	40360	2N2218
2N1984	S	N	SG, F, MO, ET, RY	BSY91	BSX95		01
2N1984	S	N	SG, F, MO, ET, RY	BSY10			01
2N1985	S	N	SG, F, ET, RY, TI	BSX45-6	BFY33	40360	2N3642
2N1985	S	N	SG, F, ET, RY, TI	BSY91	BSX95	2N2218	2N1893
2N1985	S	N	SG, F, ET, RY, TI	BSX45-16	BFX68	2N3053	2N3641
2N1985	S	N	SG, F, ET, RY, TI	BSX45	BFY65	2N2218	
2N1985	S	N	SG, F, ET, RY, TI	BSY10			02
2N1987	S	N	SG, F, ET, RY, TI	BSX45-6	BFX69	2N697	2N3643
2N1987	S	N	SG, F, ET, RY, TI	BSX45	BFY65	2N2218	2N1966
2N1988	S	N	F, ET, GI, RY, TI	BSX46-6		2N2218A	2N1893
2N1988	S	N	F, ET, GI, RY, TI			2N2243A	
2N1989	S	N	F, ET, GI, RY, TI	BSX46-6		2N2218A	2N1893
2N1989	S	N	F, ET, GI, RY, TI			2N2243A	
2N1990	S	N	TX, SE, MO, F, ET	BF257	BSX46-6	2N697	2N696
2N1990	S	N	TX, SE, MO, F, ET	BSX21	BFY45		
2N1990	S	N	TX, SE, MO, F, ET				16
2N1990	S	N	TX, SE, MO, F, ET				16
2N1990N	S	N	SE	BFY65			16
2N1990R	S	N	SE, TX, S1, NU, ML	BFY45			
2N1990S	S	N	MO, SE, TX, NU, SQ	BSX47-6	BFY45		
2N1990S	S	N	MO, SE, TX, NU, SQ	BF257	BSX47-6		
2N1990S	S	N	MO, SE, TX, NU, SQ	BFY45			
2N1991	S	P	F, MO, TR, EM, HS	BSY58	BFY64	2N5143	2N1132
2N1991	S	P	F, MO, TR, EM, HS			2N2905	
2N1992	S	N	NS			2N298A	2N3011
2N1993	G	N	CN, GI, TX, ET			2N1302	2N1306
2N1994	G	N	TX, CN			2N1306	2N1308
2N1995	G	N	TX, SZ, CN, S1			2N1306	2N1308
2N1997	G	P	TX, ET, IC, S1, CN			2N1301	
2N1998	G	P	TX, ET, IC, S1, CN			2N1301	
2N1999	G	P	TX, ET, IC, CN, GI			2N1301	
2N2000	G	P	TX, IC, CN, SR	ABY48	ACY24	2N1997	
2N2000	G	P	TX, IC, CN, SR				10
2N2000	G	P	TX, ET, SR, CN, IC	DC123			10
2N2001	G	P	TX, ET, SR, CN, IC				10
2N2002	S	P	CN, SO, SO, CR			2N2944	2N2945
2N2003	S	P	CN, RY, SO, CR, SO			2N2944	2N2945
2N2004	S	P	CN, RY, SO, CR, SO			2N2944	2N2945
2N2005	S	P	CN, RY, SO, CR, SD			2N2944	2N2945
2N2006	S	P	CN, SD, SO, CR			2N2944	2N2945
2.42007	S	P	CN, SD, SO, CR			2N2944	2N2945
2N2008	S	N	F, RY, SG, SO, CN	(BF457)		2N3508	2N2990
2N2015	S	N	RC, SZ, SO, FE			2N3715	2N5881
2N2016	S	N	RC, SZ, SO, FE			2N3715	2N5882
2N2017	S	N	GE, CN, TR, NS, SO				01
2N2018	S	N	TR, GS, SO, CN			2N3738	2N3996
2N2019	S	N	TR, GS, SO, CN			2N3788	2N3996
2N2020	S	N	TR, SO, CN			2N3738	

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N2021	S	N	TR, SQ			2N3738			03
2N2022	S	N	TR, CN, SZ, SU, SQ			2N3713	2N1209		03
2N2032						2N4914	2N4032		03
2N2033	S	N	SZ, ET, SM, SU, SQ			2N3420			16
2N2034	S	N	TX, SZ, PI, SO, SQ			2N5784	2N2341		16
2N2034						2N4238			16
2N2036	S	N	SZ, PI, SM, SU, SQ			2N4911	2N4232		16
2N2036	S	N	SZ, SQ, SU			2N4911	2N4232		16
2N2048	G	P	CN, IC, SP, ET, MO			2N2956	2N2635		13
2N2049	S	N	SG, F, RY, TI, SR	BSX46-16	BFX68	2N1711	2N2219A		13
2N2049				BFY46	BF114				13
2N2049				BF109					13
2N2060	S	N	F, GE, ME, MD, RY	BFX70					05
2N2060A	S	N	F, ME, MO, TI, ML	BFY83		2N2060			05
2N2060B	S	N	F, SG, SI, TI, ME	BFX99		2N2060			05
2N2061	G	P	ET	AD130IV	AF149	2N3611	2N2836		10
2N2061A	G	P	ET, KS	(AU221IV)	AD150IV	2N3643			10
2N2061A	G	P	ET, KS	AD149		2N2836	T13027		16
2N2062	G	P	ET, CN, MO	AD130V	AD149	2N3611	2N2836		10
2N2062A	G	P	ET, CN, KS	(AU221IV)	AD131IV	2N2836			16
2N2062A	G	P	ET, CN, MO	AD149IV	AD149		T13027		16
2N2063	G	P	ET, CN, MO	AD130V	AD130II	2N3611	2N2836		10
2N2063				AD131III	AD149				10
2N2063				AD131V					10
2N2063A	G	P	ET, KS	(AU221IV)	AD131IV	T13027			16
2N2063A	G	P	ET, CN, MO	AD138	AD149				16
2N2064	G	P	ET, CN, MO	AD130V	AD130IV	2N3611	2N2836		10
2N2064	G	P	ET, CN, KS	AD149	OC26				10
2N2064A	G	P	ET, CN, KS	(AU221IV)	AD132II			25B472	16
2N2065	G	P	ET, CN, MO	AD132V	AD131V	2N3615			10
2N2065				AD132II	AD132IV				10
2N2065				OD803/50					10
2N2065A	G	P	ET, CN, KS	(AU221IV)	AD132II	T13027	T13030	25B472	16
2N2066	G	P	ET, CN	AD132V	AD131IV	2N3615			10
2N2066				GFT4012	SFT250				10
2N2066A	G	P	ET, CN, KS	AU221V	AD132II	2N1532	T13027	25B472	16
2N2066A	G	P	ET, CN, KS	AD136/50		T13030			16
2N2067	G	P	ST, ET, KS	(AU221IV)		2N1536	2N2553		10
2N2067-0	G	P	ST, ET, KS	(AU221IV)					10
2N2067B	G	P	ST, ET, KS	(AU221IV)					10
2N2067C	G	P	ST, ET, KS	(AU221IV)					10
2N2067W	G	P	ST, ET, KS	(AU221IV)					10
2N2068	G	P	ST, ET, KS	(AU221IV)		2N1531	2N2555		10
2N2068-0	G	P	ST, ET, KS	(AU221IV)					10
2N2068G	G	P	ST, ET, KS	(AU221IV)					10
2N2069	G	P	IN	(AU221IV)		2N1539			10
2N2070	G	P	IN	(AU221IV)		MPS1539			10
2N2071	G	P	IN	(AU221IV)		MPS1541			10
2N2072	G	P	IN	(AU221IV)		MPS1541			10
2N2084	G	P	AM, PE	AFY11	ASZ21	2N2189			02
2N2085	G	N	CN, ET			2N1304			01
2N2086	S	N	CN, SM, ET			2N2243A			13
2N2087	S	N	CN, ET, SM			2N2243A			13
2N2089	G	P	AM, PE	AF124	AF134	2N2188	2N2495		02
2N2089				AF178	AF114				02
2N2090	G	P	PE	AF125	AF135	2N2190	2N2188	25A156	02
2N2090				AF178	AF115	2N2495			02
2N2091	G	P	PE	AF126	AF137	2N2190	2N2188	25A240	02
2N2091				AF125	AF136				02
2N2091				AF185	AF116				02
2N2092	G	P	AM, PE	AF127	AF137	2N2192	2N2189	25A240	02
2N2092				AF185	AF117				02
2N2093	G	P	AM	AF127	AF127C	2N2189	2N2193	25A240	02
2N2093				AF137	AF185				02
2N2093				AC117C					02
2N2096	G	P	MO, SQ	(ASY26)		2N2999			03
2N2097	G	P	MO, SQ	(ASY26)		2N2997			13
2N2098	G	P	MO	(ASY26)		2N2999			02
2N2099	G	P	MO, SQ	(ASY26)		2N2997			13
2N2100	G	P	MO	(ASY26)		2N2997			13
2N2101	S	N	ET, SD, CN, PP, SQ			2N3467			06
2N2102	S	N	MO, RC, TX, TI, V	BSX47-6	BSX45VI	2N2270			13
2N2102				BSX47VI	BFR22				13

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N2102				BFY55	BSX64				13
2N2102A	S	N	RY, TX, TI, CA, SQ	BSX47-6					13
2N2102S	S	N	MO			2N2102			13
2N2104	S	P	ND			2N2905			13
2N2106	S	P	ND			2N2904A	2N2905		13
2N2106	S	N	GE, SM, TR, CN, SQ			2N2218	2N2987		01
2N2106	S	N	GE, ET, SQ, TR, CN			2N4238			01
2N2107	S	N	GE, ET, SQ, TR, CN			2N2218	2N2987		01
2N2107	S	N	GE, ET, SQ, TR, CN			2N4238			01
2N2108	S	N	CN, SM, TR, ES, SQ			2N2219	2N2989		01
2N2108	S	N	CN, SM, TR, ES, SQ			2N4238			01
2N2109	S	N	W, SZ, SQ, FR, SU			2N3846			16
2N2110	S	N	W, SZ, SQ, PT, SU			2N3846			16
2N2111	S	N	W, SZ, SQ, PT, SU			2N3846			16
2N2112	S	N	W, SU, SQ, SZ			2N3846			16
2N2113	S	N	W, SU, SQ, SZ			2N3846			16
2N2114	S	N	W, SU, SQ, SZ			2N3846			16
2N2116	S	N	W, SU, SQ, SZ			2N3846			16
2N2117	S	N	W, SU, PT, SQ, SZ			2N3846			16
2N2118	S	N	W, SZ, SQ, PT, SU			2N3846			16
2N2119	S	N	W, SU, SQ, SZ			2N3846			16
2N2123	S	N	W, SU, SQ, SZ			2N4002			16
2N2124	S	N	W, SZ, SQ, PT, SU			2N4002			16
2N2125	S	N	W, SZ, SQ, PT, SU			2N4002			16
2N2126	S	N	W, SZ, SQ, PT, SU			2N4002			16
2N2130	S	N	W, SU, SQ, SZ			2N4002			16
2N2131	S	N	W, SZ, SQ, PT, SU			2N4002			16
2N2132	S	N	W, SZ, SQ, PT, SU			2N4002			16
2N2133	S	N	W, SZ, SQ, PT, SU			2N4002			16
2N2137	G	P	MO, SD, ET	AD130IV	AUY19IV	2N1038	2N2552		06
2N2137A	G	P	MO, ET	AD150II	AD150IV	2N1038			06
2N2137A	G	P	MO, ET	AD130IV	AUY19IV				06
2N2138	G	P	MO, ET, SD, CN, KS	(AD131IV)	AD149IV	2N1038	2N2552		06
2N2138	G	P	MO, ET, SD, CN, KS	AUY19IV					06
2N2138A	G	P	MO, ET, CN	(AD131IV)	AD149	2N1038	2N2552		06
2N2138A	G	P	MO, ET, CN	AUY19IV					06
2N2139	G	P	MO, KS, SD, ET	AD131IV	AUY19IV	2N1038	2N2554		06
2N2139A	G	P	MO, ET	AD131	AD138/50	2N1038	2N2554		06
2N2139A	G	P	MO, ET	AD149	AD131IV				06
2N2139A	G	P	MO, ET	AUY19IV					06
2N2140	G	P	MO, ET, SD, CN, KS	AD132IV	AUY20IV	2N1038	2N2555		06
2N2140A	G	P	MO, ET	AD132IV	AUY20IV	2N1038	2N2555		06
2N2141	G	P	MO, ET, SD, CN, KS	AD163IV	AUY34IV	2N1038	2N2555		06
2N2141A	G	P	MO, ET	AD163IV	AUY34IV	2N1038	2N2555		06
2N2142	G	P	MO, ET, SD, CN, KS	AD130V	AUY19V				06
2N2142A	G	P	MO, ET, CN	AD130V	AUY19V				06
2N2143	G	P	MO, ET, SD, CN, KS	(AD131V)	AD149V				06
2N2143	G	P	MO, ET, SD, CN, KS	AUY19V					06
2N2143A	G	P	MO, CN	(AD131V)	AD149				06
2N2143A	G	P	MO, CN	AD149V	AUY19V				06
2N2144	G	P	MO, ET, SD, CN, KS	AD131V	AUY19V				06
2N2144A	G	P	MO, ET, CN	AD131	AD138/50				06
2N2144A	G	P	MO, ET, CN	AD149	AD131V				06
2N2144A	G	P	MO, ET, SD, CN, KS	AUY19V					06
2N2145	G	P	MO, ET, SD, CN, KS	AD132V	AUY20V				06
2N2145A	G	P	MO, ET	AD132V	AUY20V				06
2N2146	G	P	MO, KS, SD, CN	(AD163IV)					06
2N2146A	G	P	MO, CN	(AD163IV)					06
2N2147	G	P	ET, RC, ES, SD, CN	(AU722IV)	AD167	2N1907	2N2632		06
2N2147	G	P	ET, RC, ES, SD, CN	AD149					06
2N2148	G	P	ET, RC, SD, ES	(AU721IV)	AD166	2N1906	2N2637		06
2N2148	G	P	ET, RC, SD, ES	AD145		2N2632			06
2N2162	S	P	SP, FR, CR, RY, SQ			2N2945	2N2945		12
2N2163	S	P	SP, CR, SM, SQ, FR			2N2944	2N2945		12
2N2164	S	P	SP, CR, FR, RY, SQ			2N2944	2N2945		12
2N2165	S	P	SP, CR, RY, SQ, SM			2N2945	2N2946		12
2N2166	S	P	SP, FR, RY, SQ, CR			2N2944	2N2945		12
2N2167	S	P	SP, CR, FR, SM, SQ			2N2944	2N2946		12
2N2168	G	P	SP, ET, ID, CN, FR			2N2987			13
2N2168	G	P	SP, ET, ID, CN, FR			2N2986			13
2N2170	G	P	SP, ET, ID, CN, FR			2N2987			13
2N2171	G	P	MO, ET, SR	(ASY48V1)		2N1376	2N1377		01
2N2172	G	P	ET			2N1376	2N1377		01
2N2176	S	P	SD, RY, SQ, CR, SM			2N2944	2N2945		10
2N2176	S	P	SD, RY, SQ, CR, SM			2N2944	2N2945		01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N2177	S	P	SO, RY, SQ, CR, SM			2N2944	2N2945		01
2N2178	S	P	SD, RY, SQ, CR, SM			2N2944	2N2945		01
2N2180	S	P	PH			2N2635			13
2N2181	S	P	RY			2N2944	2N2945		12
2N2182	S	P	RY			3N1108	3N1111		12
2N2183	S	P	PH			2N2944	2N2945		12
2N2184	S	P	PH			3N1108	3N1111		12
2N2185	S	P	CR, RY, SP, TD, FR			2N2944	2N2945		12
2N2186	S	P	CR, RY, SP, TD, FR			3N1108	3N1111		12
2N2187	S	P	CR, RY, SP, TD, FR			3N1108	3N1111		12
2N2188	G	P	TX, SR			2N3323			02
2N2189	G	P	SR, TX			2N3323			02
2N2190	G	P	SR, TX			2N3323			02
2N2191	G	P	SR, TX			2N3323			02
2N2192	S	N	IT, TX, SE, F, MO	BSX45-16	BFX08A	2N1711	2N2219A		13
2N2192				BSX45	BFY70	2N2243A	2N3569		13
2N2192A	S	N	F, MO, TX, RY, TI	BSX45-16	BFX08A	2N2243A	2N2219A		13
2N2192A						2N3569			13
2N2192B	S	N	F, MO, TX, RY, TI	BSX45-10	BFX08A	2N2192A	2N2243A		13
2N2192B						2N3569			13
2N2193	S	N	TF, IT, TX, SG, SE	BSX45-6	BSX45	2N1613	2N2218A	25C708	13
2N2193				BFY444	BSY46	2N2243A	2N3568		13
2N2193				BSY85					13
2N2193A	S	N	F, MO, TX, RY, TI	BSX46-6		2N2243A	2N2218A		13
2N2193A						2N3568			13
2N2193B	S	N	F, MO, TX, RY, TI	BSX46-6		2N3568			13
2N2194	S	N	IT, TX, SE, ML, F	BSX45-6	BSX45	2N699	2N2218A		13
2N2194				BSY71	BFY70	2N3667			13
2N2194A	S	N	F, MO, TX, TI, RY	BSX45-6		2N2218A	2N3567		13
2N2194B	S	N	F, MO, TX, RY, TI	BSX45-6		2N3667			13
2N2196	S	N	IT, TX, SG, SE, RY	BSX45-6	BFY70	2N697	2N2218		13
2N2196						2N3641			13
2N2196A	S	N	SG, F, MO, TX, TE	BSX45-6		2N697	2N2218		13
2N2196A						2N3641			13
2N2196B	S	N	F, MO, TX, TI, RY	BSX45-6		2N2218	2N3641		13
2N2196	S	N	SE, TR, GE, S, SM	(BSX46-6)		2N3766			06
2N2197	S	N	SE, TR, CN, ML, SQ	(BSX46-6)	BSX45	2N3766			06
2N2201	S	N	GE, SQ, TR, SM			2N3738	2N4239		01
2N2201						2N5681			01
2N2202	S	N	SM, SQ			2N3738	2N4239		01
2N2202						2N5681			01
2N2203	S	N	SM, SQ			2N3738	2N4239		01
2N2203						2N5681			01
2N2204	S	N	SM, SQ			2N3738	2N4239		01
2N2204						2N5681			01
2N2206	S	N	F, IN, FE, IT, SM	BSY62A	BSX87	2N853	2N706		13
2N2206						2N4274			13
2N2206	S	N	F, IN, MO, FE, SR	BSY62B	BSX87	2N835	2N2410		13
2N2206						2N3015	2N3646		13
2N2207	G	P	PE	AF118					02
2N2210	G	P	MO			2N2075			06
2N2214	S	N	TW			2N706			13
2N2216	S	P	MO			2N3498			13
2N2217	S	N	IT, TX, F, MO, PH	BCW77-18	BFY72	2N697	2N2218		13
2N2217				BSX45	BSW77XVI	2N2219			13
2N2217				BF168					13
2N2218	S	N	TF, IT, TX, MO, SG	BCW77-16	BFX96	2N697	2N2219	25C479	13
2N2218				BSX45	BCW77XVI	2N3641			13
2N2218				BSX73	BSY34				13
2N2218	S	N	SE, F, PH	BCW77-16	BFX73	2N697	2N2219	25C479	13
2N2218				BSX45	BCW77XVI	2N3641			13
2N2218				BFX96	BSY34				13
2N2218A	S	N	F, MO, PH, TX	BCW78-16	BFY72	2N3063	2N2219		13
2N2218A				BCW78XVI	BSW53	2N3641			13
2N2218B	S	N		BFY72					13
2N2219	S	N	F, MO, PH, TX, GI	BCW77-16	BFX97	2N3641			13
2N2219				BSX45	BCW77XVI				13
2N2219				BSX74	BSY34				13
2N2219A	S	N	F, MO, PH, TX, IN	BCW78-16	BF72				13
2N2219A				BCW78XVI	BSW54				13
2N2220	S	N	F, MO, PH, TX, RY	BCW73-16	BFY72	2N2222	2N2221		13
2N2220						2N4436			13
2N2221	S	N	F, MO, PH, TX, V	BCW73-16	BFX94	2N2222	2N2220		13
2N2221				BSX45	BCW73XVI	2N4436			13
2N2221				BF168	BSX34				13

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N2221A	S	N	F, MO, PH, TX, RY	BCW74-16	BFY72	2N4436			13
2N2221A	S	N	F, MO, PH, TX, IT	BCW74XVI	BSW63				13
2N2222	S	N	F, MO, PH, TX, IT	BCN73-16	BF X95	2N2221	2N4437		13
2N2222	S	N	F, MO, PH, TX, RY	BSX45	BCW73XVI				13
2N2222	S	N	F, MO, PH, TX, RY	BFY34	BSW64				13
2N2222	S	N	F, MO, PH, TX, RY	BSY44	BC232				13
2N2222A	S	N	F, MO, PH, TX, RY	BCW74-16	BFY83	2N4437			13
2N2222A	S	N	F, MO, PH, TX, RY	BSX45A	BCW74XVI				13
2N2222A	S	N	F, MO, PH, TX, RY	BSW64					13
2N2223	S	N	GI, MO, RY, TI, GE	BFX72	BF X71				06
2N2234	S	N	MO, SM, HS	BSY34		2N2218	2N2219		13
2N2225	G	P	KS			2N1143			10
2N2230	S	N	W, SZ, SQ, SM, SU	BUY12	BUY58IV				06
2N2236	S	N	RY, CA, SM, SQ	BSX45-6	BSY34	2N2218	2N2193		13
2N2236	S	N	RY, CA, SM, SQ	BSX73		2N2243A			13
2N2237	S	N	RY, CA, SM, SO	BSX45-6	BSY58	2N2218	2N2152		13
2N2237	S	N	RY, CA, SM, SO	BSX73		2N2243A			13
2N2239	S	N	SZ, SQ			2N3786	2N4232		01
2N2240	S	N	SM, SO			2N699	2N2243A		13
2N2241	S	N	SM, SO			2N1890	2N2243A		13
2N2242	S	N	MO, IT, SM, SG, SR	BSY63	BSX87	2N2501	2N2389		13
2N2242	S	N	TX, GI, TI, RY, NS			2N2368A	EN914		13
2N2243	S	N	TX, GI, TI, RY, NS	BSX47-6	BSW65	2N1893	2N2219		13
2N2243A	S	N	TX, GI, TI, RY, NS	BSX47-6		2N1893			13
2N2244	S	N	NS			2N835	2N929		01
2N2244	S	N	NS			2N930			01
2N2245	S	N	NS			2N835	2N929		01
2N2246	S	N	NS			2N930			01
2N2246	S	N	NS			2N836	2N929		01
2N2246	S	N	NS			2N930			01
2N2247	S	N	NS			2N835	2N929		01
2N2247	S	N	NS			2N930			01
2N2248	S	N	NS			2N835	2N929		01
2N2248	S	N	NS			2N930			01
2N2249	S	N	NS			2N834	2N929		01
2N2249	S	N	NS			2N930			01
2N2249	S	N	NS			2N835	2N929		01
2N2250	S	N	NS			2N930			01
2N2250	S	N	NS			2N835	2N929		01
2N2251	S	N	NS			2N930			01
2N2251	S	N	NS			2N835	2N929		01
2N2251	S	N	NS			2N, 30			01
2N2252	S	N	NS			2N834	2N929		01
2N2252	S	N	NS			2N930			01
2N2253	S	N	NS			2N834	2N929		01
2N2253	S	N	NS			2N930			01
2N2254	S	N	NS			2N834	2N929		01
2N2254	S	N	NS			2N930			01
2N2255	S	N	NS			2N834	2N929		01
2N2255	S	N	NS			2N930			01
2N2256	S	N	MO, SM, SQ	(BSY17)					13
2N2257	S	N	MO, SM, SO	(BSY18)					13
2N2258	G	P	MO, SQ			2N984	2N972		13
2N2259	G	P	MO, SQ			2N984	2N972		13
2N2266	G	P	SD, KS			2N2145			16
2N2267	G	P	SD, KS			2N2145			16
2N2268	G	P	SD			2N2145			16
2N2269	G	P	SD			2N2145			16
2N2270	S	N	RC, TX, TI, ET, FR	BSX48-10		2N2219	2N2102		01
2N2270	S	N	MO			2N2243A	2N3053		01
2N2270A	S	N	MO			2N2270			01
2N2270S	S	N	MO			2N2270			01
2N2271	G	P	ET, UP	AC153	AC117	2N404			01
2N2271	G	P	ET, UP	AC428					01
2N2272	S	N	GE			2N914			13
2N2273	G	P	MO, SO, SM	AF121	AFY12				02
2N2273	G	P	MO, SO, SM	AF106					02
2N2274	G	P	CR, RY, SP, ID, SM			2N2944	2N2945		12
2N2288	S	P	MO, SD, ET, SQ, CN	(AU Y21IV)		2N2526	2N1046		06
2N2288	S	P	MO, SD, ET, SQ, CN	(AU Y21IV)		2N1907			06
2N2289	G	P	MO, SD, ET, SQ, CN	(AU Y21IV)		2N2526			06
2N2290	G	P	SD, KS, SQ, CN, MO			2N2526			06
2N2291	G	P	MO, SD, ET, SQ, CN	(AU Y21IV)		2N1907			06
2N2292	G	P	MO, SD, ET, SQ, CN	(AU Y21IV)					06
2N2294	G	P	MO, SD, ET, SQ, CN	(AU Y21IV)		2N1907			15
2N2294	G	P	MO, SD, ET, SQ, CN	(AU Y21IV)		2N1907			15
2N2297	S	N	TX, IT, SG, PH, RT	BSX45-6	BFY56	2N1613	2N2243A	2SC708	02
2N2297	S	N	TX, IT, SG, PH, RT	BFY56A	BSX45	2N3252	2N3567		02

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N2297				BSY46	8FY56		02
2N2297				BSY40			02
2N2297S	S	N	MO				
2N2303	S	P	IT, TX, F, MQ, TR	BSV16-10	8FY64	2N1613 40315	02
2N2303						2N2801	02
2N2304	S	N	SM, SZ, SU, SF				
2N2305	S	N	SZ, SD, PP, SU, SQ			2N3766	06
2N2308	S	N	SZ, SF, SQ, SM, SU			2N4910	06
2N2309	S	N	RY, SM, SQ, CA			2N4912	06
2N2310	S	N	RY, CA, SM, SQ, CN			2N696	01
2N2310						2N697	01
2N2310						2N2243A	01
2N2311	S	N	RY, SM, SQ, CA			2N698	01
2N2311						2N2243A	01
2N2312	S	N	RY, CA, SM, SQ, CN			2N5881	01
2N2313	S	N	CA, SM, SQ, RY			2N699	01
2N2313						2N2243A	01
2N2314	S	N	RY, CA, SM, SQ, CN			2N1889	01
2N2315	S	N	RY, CA, SM, SQ, CN			2N5881	01
2N2315						2N2243A	01
2N2316	S	N	RY, SM, TD, CA, SQ			2N698	01
2N2317	S	N	RY, CA, SM, TD, CN			2N43A	01
2N2318	S	N	CN, SQ, ET			2N699	01
2N2319	S	N	GI			2N2222	01
2N2330	S	N	TX, MO, HS, SM, SQ			2N1893	01
2N2330						2N1613	01
2N2330						2N834	13
2N2330						2N3014	13
2N2330						2N834	12
2N2330						40814	12
2N2330						2N834	12
2N2330						2N2432	12
2N2331	S	N	MO, SM, SQ, CN			2N2432	12
2N2332	S	P	CN, RY, SD, SQ, CR			2N2944	12
2N2333	S	P	CN, RY, SD, CR, SQ			2N2944	12
2N2334	S	P	RY, CN, SD, SQ, CR			2N2944	12
2N2335	S	P	CN, RY, SD, SQ, CR			2N2944	12
2N2336	S	P	CN, RY, CR, SD, SQ			2N2944	12
2N2337	S	P	RY, SD, CR, SQ, CN			2N2944	12
2N2338	S	N	RC, SQ			2N3713	06
2N2339	S	N	CN, SF, ET			M.J3101	06
2N2339						2N4910	06
2N2340	S	N	DD			2N5320	03
2N2341	S	N	DD			2N5320	03
2N2342	S	N	DD			2N5320	03
2N2343	S	N	DD			2N5320	03
2N2350	S	N	CA, RY, SQ, TI, IT			2N5320	03
2N2350						2N2192	13
2N2350A	S	N	CA, RY, SQ, TD, TI			2N2192	12
2N2351	S	N	F, TX, SQ, TI, UP	(BSX46-61)	8SX33	2N2193	12
2N2351						2N2243A	12
2N2351A	S	N	F, TX, RY, SQ, TI	(BSX46-61)		2N3568	12
2N2351A						2N2193A	12
2N2351A						2N2243A	12
2N2351A						2N3568	12
2N2362	S	N	CN, IT, SM, CA, RY	BSX33		2N2194	12
2N2362						2N3567	12
2N2362A	S	N	CN, IT, SM, TD, RY	BSX33		2N2194	12
2N2362A						2N2243A	12
2N2363	S	N	CN, IT, SM, TD, RY	BSX33		2N3567	12
2N2363						2N2243	12
2N2363						2N2243A	12
2N2363A	S	N	CA, RY, SQ, TI, UP	BSX33		2N3543	12
2N2364	G	N	SQ			2N2243A	12
2N2365	S	N	GE, SQ			2N1302	01
2N2366A	S	N	GE, SQ			3N76	12
2N2366A						3N74	12
2N2366A						3N79	12
2N2366	G	P	IQ, SP	AF139		2N2997	02
2N2381	G	P	ID, SP			2N3284	02
2N2382	G	P	ID, SP			2N2997	02
2N2383	G	P	TX			2N3284	02
2N2384	S	N	CA, SM, TD, TI, RY			2N2997	02
2N2384						2N2243A	02
2N2388	S	N	F, EM, ET, Ss, FR	BSX92	BSY63	2N3227	13
2N2388				BSY21	BSX19	2N3641	13
2N2388				BSX20		ZSC89	13
2N2389	S	N	F, Ss, FR, IT, MC	BSX93	BSY19	2N3227	13
2N2389				BSY63	BSS11	2N4275	13
2N2389						EN2368A	13
2N2389				BSX20			13
2N2389A	S	N	F, BL, FR, MO, NT	BSX28	BSY63	2N3227	13
2N2389A				BSX20			13
2N2370	S	P	CR, SQ			2N2944	13
2N2371	S	P	CR, SQ			2N2944	13
2N2372	S	P	CR, SQ			2N2944	13
2N2373	S	P	CR, SQ			2N2944	13
2N2374	G	P	ET, IC, SZ, CN, GI			2N3427	01
2N2375	G	P	CN, GI, SS, ST, ET			2N1193	01
2N2376	G	P	CN, GI, ST, EY, SQ			2N1193	01
2N2376						2N404	01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
2N2377	S	P	SP, FR, RY, CR, SS		2N2944-	2N2245	02	
2N2378	J	P	SP, FR, SQ, CR, ID		2N2944	2N2945	02	
2N2380	S	N	CA, SM, SQ, RY		2N1893	2N2243A	13	
2N2380A	S	N	CA, SQ, RY		2N2277	2N2219	13	
2N2383	S	N	SZ, SM, SI, ET		2N4914		06	
2N2384	S	N	SZ, SQ, SM		2N4914		06	
2N2388	J	P	TX, SQ, TI, ID		2N3330			
2N2386A	J	P	TX, IL		2N3330			
2N2387	S	N	TX	BC237A			01	
2N2388	S	N	TX	BC237A			01	
2N2389	S	N	TX, SQ	(BSX46-6)	BSX45V1		01	
2N2390	S	N	TX, SQ	(BSX46-10)			01	
2N2395	S	N	TX, SQ	(BSX45-6)			01	
2N2396	S	N	TX, SQ	(BSX45-6)	BC140	2N2221A	01	
2N2396				BSY46			01	
2N2397	S	N	SY		2N2399A	2N3011	13	
2N2397					2N3329		13	
2N2398	G	P	FR, SP, ID		2N3284	2N2997	02	
2N2399	G	P	FR, SP, ID		2N3284	2N2997	02	
2N2400	G	P	FR, SP, ID		2N964	2N711	13	
2N2401	G	P	FR, SM, SQ, ID, SP		2N964	2N711A	13	
2N2402	G	P	FR, SP, ID		2N2956	2N964	13	
2N2402					2N711B		13	
2N2405	S	N	F, MD, V, RC, RY	BSX47 10	2N3496	2N1893	01	
2N2405					2N2243A		01	
2N2410	S	N	TX, SG, PH, RT, F	BSY34	BSX60	2N3053	28C479	13
2N2410				BSX45/10	BFY51	2N3015	2N2537	13
2N2410				BSX45	BSX61		13	
2N2411	S	P	PH, TX, MQ, NS, SM	(BSX48)	BCY78V11	2N3250	13	
2N2411				BSY78V1	BSY40		13	
2N2412	S	P	PH, TX, MO, NS, SM	(BSX48)	BCY78	2N3250	13	
2N2412				BSY41	BC178V1		13	
2N2414	S	N	RY, SQ, SM			2N2060	04	
2N2415	G	P	MO, TX	(AF 2395)	AF186		02	
2N2418	G	P	MO, TX	(AF 2395)			02	
2N2417	U	PN	GE		2N3980			
2N2417A	U	PN	GE		2N3980			
2N2417B	U	PN	GE		2N3980			
2N2418	U	PN	GE		2N3980			
2N2418A	U	PN	GE		2N3980			
2N2418B	U	PN	GE		2N3980			
2N2419	U	PN	GE		2N3980			
2N2419A	U	PN	GE		2N3980			
2N2419B	U	PN	GE		2N3980			
2N2420	U	PN	GE		2N3980			
2N2420A	U	PN	GE		2N3980			
2N2420B	U	PN	GE		2N3980			
2N2421	U	PN	GE		2N3980			
2N2421A	U	PN	GE		2N3980			
2N2421B	U	PN	GE		2N3980			
2N2422	U	PN	GE		2N3980			
2N2422A	U	PN	GE		2N3980			
2N2422B	U	PN	GE		2N3980			
2N2423	G	P	KS, TR, SD		2N3516	2N456A	16	
2N2423					2N3146		16	
2N2424	S	P	CR, SM		2N2944	2N2945	10	
2N2425	S	P	CR, SQ, SM		2N2945	2N2946	01	
2N2426	G	N	SY				01	
2N2428	G	P	AM, PH, PE, NU	AC151V11	AC151	2N1377	28B45E	01
2N2428				AC127	AC126	2N1381	2N2429	01
2N2429	G	P	AM, PH, NU	AC1511V	AC171	2N1377	2N652	01
2N2429				AC125	AC151	2N1381		01
2N2429				AC163	AC126			01
2N2430	G	N	AM, PH, PE, NU	AC152V1	AC186	2N1304		01
2N2430				AC127				01
2N2431	G	P	AM, PH, PE, NU	AC153V1	AC153V	2N1377	2N1381	28B70B
2N2431				AC128	AC117			01
2N2431				AC153				01
2N2432	S	N	TX, TR, CN, TD	(BCY58V11)	BCY59		(12)	
2N2432A	S	N	TX, TD, CR, TR	(BCY59V11)			12	
2N2436	S	N	TI, SQ, TR, SM	BC190			13	
2N2437	S	N	TI, SQ, TR, SM		2N1893	2N2243A	02	
2N2438	S	N	TI, SQ, TR, SM		2N1893	2N2243A	02	
2N2439	S	N	TI, SQ, TR, SM		2N1893	2N2243A	02	
2N2443	S	N	F, SG, TI, TR, SM	BSX47-10	2N1890	2N2243A	02	

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N2444	G	P	KS, SQ, SD			2N456A	2N3146		06
2N2445	G	P	SD, TR			2N456A	2N3146		13
2N2447	G	P	HY			2N1187	2N1309		01
2N2448	G	P	RY			2N1187	2N1309		06
2N2449	G	P	RY	AC151	AC122	2N1307	2N652		01
2N2450	G	P	RY	AC151	AC122	2N1307	2N652		01
2N2450	G	P	RY	AC125					13
2N2451	G	P	SP, ID, SM, FR			2N7635			01
2N2452	P	N	F, SG	BFY65					13
2N2453	S	N	TI, MO, RY, TX, GE	BFY81		2N3680			04
2N2453A	S	N	TI, GE, MO, BT, IL	BFY81		2N3680			06
2N2456	G	P	SV			2N2999			13
2N2472	S	N	SM			2N2432			06
2N2473	S	N	GE			2N2432			06
2N2474	S	P	CR, SM						06
2N2475	S	N	F, TX, RC, TR, FR	BSY17	BSX27	2N3013			13
2N2475	S	N	F, TX, RC, TR, FR	BSX44					13
2N2476	S	N	F, MO, RC, ET, SP	(BSY34)	BSX30	2N3252	2N2539		13
2N2476	S	N	F, MO, RC, ET, SP	(BSY34)	BSX30	2N3015			13
2N2477	S	N	F, MO, RC, SP, ET	(BSY34)	BSX30	2N3252	2N2537		13
2N2477	S	N	ET	BSW51		2N3015			13
2N2478	S	N	ET			2N2218	2N2537		13
2N2478	S	N	ET			2N3015			13
2N2479	S	N	CN, ET, TD, CA, RY			2N2218	2N3252		13
2N2480	S	N	GE, MO, TI, RY, TD	BFY83		2N2060			06
2N2480A	S	N	GE, RY, MO, SA, ML	BFY83		2N2639			06
2N2481	S	N	NO, TX, HS, RY, TD	BSY63	BSX28	2N4275	2N2640		13
2N2482	G	N	SI			2N797			02
2N2483	S	N	F, MO, TX, SD, TR	(BC4148)	BFX92A	MM2483	2N2484	ZSC648	01
2N2483	S	N	F, MO, TX, SD, TR	BCY66EVII	BC107B	EN2483			01
2N2483	S	N	F, MO, TX, ME, NS	BCY66	BFY27				01
2N2484	S	N	F, MO, TX, ME, NS	(BC4148)	BFX93A	2N2483	MM2484	ZSC648	01
2N2484	S	N	F, MO, TX, ME, NS	BCY66EIX	BC107B	EN2484			01
2N2484	S	N	F, MO, TX, ME, NS	BCY66					01
2N2484R	S	N	TX, TI, CA, RY, CN	(BC4148)					01
2N2486	J	P	NS			2N2497			03
2N2486A	J	P	NS			2N2499			01
2N2487	G	P	SP, ID, SQ, FR, SM			2N2686			13
2N2488	G	P	SP, ID, SQ, FR, SM			2N2966			13
2N2489	G	P	SP, ID, SQ, FR, SM			2N2968			13
2N2494	G	P	PE	AF106	AF190	2N2996	2N2495		02
2N2494	G	P	PE	AF102	AF178				02
2N2495	G	P	PE	AF106	AF178	2N2998			02
2N2496	G	P	PE, AM			2N2996			02
2N2497	J	P	TX, TI, IL, SD			2N5287	2N3329		02
2N2498	J	P	TX, TI, SD, IN			2N3330			01
2N2499	J	P	TX, TI, IL, SD			2N3909A	2N3331		01
2N2500	J	P	TX, SD, TI, IL			2N5267	2N5268		01
2N2500	J	P	TX, SD, TI, IL			2N3014			01
2N2501	S	N	MO, SM, TR, TI, HS	(BSY63)		2N3014			13
2N2509	S	N	TI, F, IT, GI, RY	BFY77		2N3014	SE4001		02
2N2510	S	N	TI, F, IT, NS, GI	BFY77		2N930	2N3665		02
2N2511	S	N	TI, F, IT, NS, GI	BFY77		2N3444	2N2484		02
2N2511	S	N	TI, F, IT, NS, GI	BFY77		2N2586	SE4010		02
2N2512	G	P	AM	AF118					02
2N2520	S	N	SD, SQ, SM			2N929	2N930		01
2N2521	S	N	SD, SQ, SM			2N929	2N930		01
2N2522	S	N	SD, SQ, SM			2N929	2N930		01
2N2523	S	N	SD, SQ, SM			2N929	2N930		01
2N2524	S	N	SD, SQ, SM			2N930			01
2N2526	G	P	MO	AU103	AU106				14
2N2527	G	P	MO	AU103	AU106				14
2N2528	G	P	MO	AU103	AU106				14
2N2535	G	P	RC			2N1038	2N2555		01
2N2536	G	P	RC			2N1038	2N2565		01
2N2537	S	N	MO, RY, TX, ET, SM	BSY34	BSX73	40636	2N3015		13
2N2538	A	N	MO, ET, TX, RY, CN	BSY34	BSX73	2N1711	2N2219		13
2N2538	A	N	MO, ET, TX, RY, CN	BSY34	BSX73	2N3015			13
2N2539	S	N	MO, TX, ET, RY, HS	BSX49		2N2222A	2N3015		13
2N2539	S	N	MO, TX, ET, RY, HS	BSX49		2N2222			13
2N2540	S	N	MO, ET, RY, TX, CN	BSX49		2N2222A	2N3015		13
2N2540	S	N	MO, ET, RY, TX, CN	BSX49		2N2222			13
2N2541	G	P	RY, SQ, SI, CN			2N1038			10
2N2562	G	P	TX, KS, CN, MO			2N1038			06
2N2563	G	P	TX, MO, KS, TT			2N1038			06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N2661	S	N	GE, MO, SG, RY, TO	BFY83	EN3014		13
2N2652	S	N	GE, MO, RY, SG, TO	BFY83	2N2060	2N2639	06
2N2662A	S	N	PH, TX, AM, PE	(AF201U)	2N2060	2N2639	06
2N2664	G	P		AF121	2N654		02
2N2654				AF179			02
2N2654	S	N	SM		2N5681		06
2N2655	S	N	SD, F, PI, SZ, UN	BFX34	2N2151	2N4238	16
2N2657	S	N	SD, NS, F, PI, SZ	BFX34	2N5336		16
2N2658	S	N			2N2151	2N4239	16
2N2658	G	P	TX, KS		2N5336		16
2N2659	G	P	TX, KS		2N1038		06
2N2660	G	P	TX, KS		2N1038		06
2N2661	G	P	TX, KS		2N1038		06
2N2662	G	P	TX, KS		2N1038		06
2N2663	G	P	TX, KS		2N1038		06
2N2664	G	P	TX, KS		2N1038		06
2N2665	G	P	TX, KS		2N1038		06
2N2666	G	P	TX, KS		2N1038		06
2N2667	G	P	TX, KS		2N1038		06
2N2668	G	P	SS, TX, KS		2N1038		06
2N2669	G	P	TX, KS		2N1038		06
2N2670	G	P	TX, KS		2N1038		06
2N2671	G	P	AM	AF178	2N2495		06
2N2672	G	P	AM	AF185			06
2N2692	S	N	TX, SM, TO, SQ	BCY59VII	BCY59		13
2N2692	S	N	TX, SM, TO, SQ	BCY70	BCY59		13
2N2693	S	N	TX, SM, TO, SQ	BCY59VII	BCY59		13
2N2693	S	N	TX, SM, TO, SQ	BCY70	BCY59		13
2N2694	S	N	TX, SM, SQ, TO	BCY59VII	BCY59		13
2N2694	S	P	F, MO, TX, CS, TR	8CX36	2N2907	EN722	10
2N2695	S	P	F, MO, TX, SM, SQ	8CX36	2N2906	2N2837	10
2N2696	S	P	F, MO, TX, SM, SQ	8CX36	2N2907	EN722	10
2N2697	S	N	SD, CN	AC151VI	AC151	2N404	01
2N2698	S	N	SD, CN	AC131	AC126	2N2431	01
2N2699	G	P	PH	AC128	AC132		01
2N2706	G	P	PH, AM, PE	AC152	AC124	2N2704	01
2N2706	G	P	PH, AM, PE	AC153	AC124	2N2704	01
2N2707	G	P	AM, PE	AC128			01
2N2707	S	N	AM, TI, MO, ET, RY			2N918	02
2N2708	S	N	AM, TI, MO, ET, RY			2N918	02
2N2709	S	P	RY			2N2800	01
2N2709	S	P	RY			2N2944	01
2N2710	S	N	MO, F, SM, SG	185Y63J	85X27	2N2945	13
2N2711	S	N	GE, ID, SP, TT, FR	8C168A	8C238A	EN3014	01
2N2711	S	N	GE, ID, SP, TT, FR	8C168A	8C238A	MPS2711	01
2N2712	S	N	GE, ID, TT, FR, SP	8C168A	8C238A	2N5135	01
2N2712	S	N	GE, ID, TT, FR, SP	8C168A	8C238A	2N5135	01
2N2713	S	N	GE, FR, SP, ML, TT	8C168A	8C238	MPS2713	01
2N2713	S	N	GE, FR, SP, ML, TT	8C168A	8C238	2N5153	01
2N2714	S	N	GE, FR, ML, TT, SP	8C168A	85X38	2N708	01
2N2714	S	N	GE, FR, ML, TT, SP	8C168A	85X38	MPS2714	01
2N2714	S	N	GE, FR, ML, TT, SP	8C168A	85X38	2N708	01
2N2715	S	N	ID, TT	8C238A	8C238A	11598	01
2N2716	S	N	ID, TT	8C168A	8C238A	MPS2715	01
2N2717	G	P	PE	8C168A	8C238A	2N2835	13
2N2720	S	N	SD, TI, MO, IL, SQ	AS221		2N2060	06
2N2721	S	N	SD, IL, SQ, TI, MO			2N2639	05
2N2721	S	N	SD, IL, SQ, TI, MO			2N2640	05
2N2722	S	N	SD, TI, MC, TD, F			2N2916	05
2N2726	S	N	GE, SQ, TR, SZ, S1			2N3440	03
2N2729	S	N	F, SM, TO, TI, LI	18FX89I	8FX73	2N3563	02
2N2730	G	P	NP, SD			MP506	16
2N2731	G	P	NP, SD			MP505	16
2N2732	G	P	SD, NP			MP504	16
2N2733	G	P	SD			MP506	16
2N2734	G	P	SD			MP505	16
2N2735	G	P	SD			MP504	16
2N2736	G	P	SD			MP506	16
2N2737	G	P	SD			MP505	16
2N2738	G	P	SD			MP504	16
2N2784	S	N	SM, TR, SQ			2N2369A	13
						2N3010	13

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N2786	S	C	P SM	AFY18	AF139		02
2N2787	S	B	N GI, SM, SQ, ET			2N2218	13
2N2788	S	B	N GI, MO, SQ, ET, SM			2N2218A	13
2N2789	S	B	N GI, MO, SQ, ET, SM			2N2219A	13
2N2790	S	B	N GI, SQ, SM			2N2218	13
2N2791	S	S	N GI, MO, SQ, ET, SM			2N2221A	13
2N2792	S	C	N GI, MO, SQ, ET, SM			2N2222A	13
2N2796	S	C	P SP, IO			2N2636	13
2N2796	S	C	P SP, IO			2N2636	13
2N2797	S	C	P SP			2N2636	13
2N2798	S	G	P SP			2N2636	13
2N2799	S	G	P SP			2N2636	13
2N2800	S	S	P IT, TX, MQ, F, RY	(BCW8D-16) BC160V)	BFY64	40406	13
2N2800	S	S				2N2904	13
2N2800	S	S				EN1132	13
2N2801	S	S	P IT, TX, MQ, F, RY	(BCW8D-16) BC160V)	BFY64	40815	13
2N2801	S	S				2N3244	13
2N2802	S	S	P TX, MO, SD, TD, GI			2N3360	06
2N2803	S	S	P TX, MO, SD, TD, GI			2N3360	06
2N2804	S	S	P TX, MO, SD, TD, GI			2N3360	06
2N2805	S	S	P TX, MO, SD, TD, DI			2N3360	06
2N2806	S	S	P TS, MO, SD, TD, GI			2N3360	06
2N2807	S	S	P TX, MO, SD, TD, GI			2N3360	06
2N2811	S	S	N F, PI, UN, KE, PP			2N3487	06
2N2812	S	S	N SD, E, PI, UN, KE			2N3488	06
2N2813	S	S	N SD, F, PI, UN, KE			2N3489	06
2N2814	S	S	N SD, F, PI, UN, KE			2N3490	06
2N2815	S	S	N SZ, SU, ET, S ₄ , KE			2N4002	16
2N2816	S	S	N SZ, SU, ET, S ₄ , KE			2N3846	16
2N2817	S	S	N SZ, SU, ET, ML, SM			2N3846	16
2N2818	S	S	N SZ, ET, SU, ML, SM			2N3846	16
2N2819	S	S	N SZ, KE, PT, S ₄ , S ₄			2N3846	16
2N2820	S	S	N SZ, KE, PT, SU, S ₄			2N3846	16
2N2821	S	S	N SZ, KE, PT, SU, S ₄			2N3846	16
2N2822	S	S	N SZ, KE, PT, SU, S ₄			2N3846	16
2N2823	S	S	N SZ, KE, PT, SU, S ₄			2N3846	16
2N2824	S	S	N SZ, KE, PT, SU, S ₄			2N3846	16
2N2825	S	S	N SZ, KE, PT, SU, S ₄			2N3846	16
2N2832	G	P	P MQ			2N1907	16
2N2836	G	P	PE	AD148	AD139	2N1038	01
2N2836	S	P	PE	AD149	AD148	2N2636	01
2N2836	G	P	PE	AD149	AD148	2N3612	06
2N2837	S	P	MO, TX, GI, RY, CN	(BCW76-16)	BSX36	2N2904	13
2N2837	S	P	MO, TX, GI, RY, GS	BCW76-16	BSX36	EN722	13
2N2838	S	P	MO, TX, GI, RY, GS	BCW76-16	BSX36	2N2904	13
2N2838	S	P	MO, TX, GI, RY, GS	BCW76-16	BSX36	EN722	13
2N2840	U	P	GE			2N489	
2N2841	J	P	SX, TI, IL			2N5471	2N491A
2N2842	J	P	SX, SD, TI, IL			2N5473	2N5472
2N2843	J	P	SX, SD, TI, IL			2N5475	SM8539 SM8655
2N2843	J	P	SX, SD, IL			2N5020	
2N2844	J	P	SX, SD, IL			MFE4008	SM8656
2N2844	S	N	F, MO, TX, ET, SM	(BSX49)		2N5021	
2N2845	S	N	F, MO, TX, ET, SM	(BSX49)		2N2539	2N2537
2N2845	S	N	F, MO, TX, ET, SM	(BSX49)		2N3015	
2N2846	S	N	TX, SG, F, MO, SM	(BSY34)	BSX30	2N697	2N2537
2N2846	S	N	TX, SG, F, MO, SM	(BSY34)	BSX30	2N3015	
2N2847	S	N	F, MO, TX, SM, SO	(BSX49)		2N2539	2N2537
2N2847	S	N	F, MO, TX, SM, SO	(BSX49)		2N3015	
2N2848	S	N	TX, SG, F, MO, HS	BSY34	BSX30	2N697	2N2538
2N2848	S	N	TX, SG, F, MO, HS	BSY34	BSX30	2N2537	2N3015
2N2848	S	N	UN, SM, TW, GS, SO			2N5337	
2N2849	S	N	UN, SM, TW, GS, SO			2N3421	
2N2850	S	N	UN, SM, TW, GS, SO			2N3421	2N5336
2N2851	S	N	UN, SM, TW, GS, SO			2N3421	2N5336
2N2852	S	N	UN, SM, TW, GS, SO			2N3419	2N5335
2N2853	S	N	UN, SM, TW, GS, SO			2N3418	
2N2854	S	N	UN, SM, TW, GS, SO			2N5336	2N5336
2N2855	S	N	UN, SM, TW, GS, SO			2N3420	2N5336
2N2856	S	N	UN, SM, TW, GS, SO			2N3418	2N5334
2N2857	S	N	F, MO, RC, AM, FR	(BFY90)	BFX62	2N918	SE3005
2N2857	S	N	F, MO, RC, AM, FR	(BFY90)	BFX62	2N918	25C463
2N2858	S	N	SZ, SM, SF, SU, TR			2N5335	
2N2859	S	N	SZ, SM, SF, SU, TR			2N5338	
2N2860	G	P	SY			2N764	
2N2863	S	N	TX, SQ, TD, TR	BFY51		2N5321	
2N2864	S	N	TX, SQ, TR, TD	BFY51		2N3053	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N3009				BSX20			13
2N3010	S	N	F, MO, RY, TX, SG	BSX27	BSY18	2N2369A	13
2N3010				BSY21	BSX19		13
2N3011	S	N	F, MO, TX, ET, RY	(BSY62)	BSX26	2N2369	13
2N3011				BSY63	BSY19	EN3011	13
2N3011				BSX20	BSY62B		13
2N3011				BS512			13
2N3012	S	P	F, MO, RY, TX, IT	BSX29	BC176VI	2N4313	
2N3013	S	N	F, IT, MO, NS, SG	BSX26	BSX48	2N3511	EN3013
2N3013				BSX20	BSX19		13
2N3013				BSY21	BSY63		13
2N3014	S	N	F, MO, TX, IT, UP	(BSY63)	BSX26	2N3511	EN3014
2N3014				BSX48	BSX20		13
2N3015	S	N	F, MO, TX, ET, ID	BSX30	BSY34	2N2218	2N2537
2N3016	S	N	SD, PP, SQ, CN, SM			2N5337	
2N3019	S	N	F, MO, TX, RY, ET	BSX47-10	BFY56	2N2243A	SE6021
2N3020	S	N	MO, SG, F, TX, RY	BSX47-6	BFY56	2N1893	2N1893
2N3020						2N2243A	SE6023
2N3021	S	P	MO, SD, SS, TR, SM	(BDX27-6)		2N4901	2N5384
2N3022	S	P	MO, TX, SD, SS, TR	(BDX27-6)		2N5384	
2N3023	S	P	MO, SD, SS, TR, SM	(BDX28-6)		2N4902	2N5384
2N3024	S	P	MO, TX, SQ, TR, MU	BDX27-10		2N4904	2N5384
2N3025	S	P	MO, TX, SD, SS, TR	(BDX27-10)		2N5384	
2N3026	S	P	MO, TX, SM, SQ, TR	(BDX28-10)		2N4905	2N5384
2N3033	S	N	SM	BF177			
2N3034	S	N	SM	BF177			04
2N3035	S	N	SM	BC107A			04
2N3036	S	N	TX, RY, SQ, TR, CA	BSX47-10	BFY45	2N3019	2N5320
2N3036				BFY80	BSX21		01
2N3037	S	N	TX			2N1893	01
2N3038	S	N	TX			2N1893	01
2N3043	S	N	TX, F, MO, SG, RY			2N2916	05
2N3044	S	N	TX, MO, F, RY, SG			2N2918	06
2N3045	S	N	TX, MO, SG, F, RY			2N2914	01
2N3046	S	N	TX, MO, SG, F, RY			2N2916	05
2N3047	S	N	F, TX, MO, SG, RY			2N2917	06
2N3048	S	N	TX, MO, SG, RY, F			2N2913	01
2N3053	S	N	F, MO, RC, TX, ET	BSX45-16	BSX45	2N2243A	2N3498
2N3054	S	N	F, RC, RA, W, S ₂	BD131	BUY46		13
2N3054				BDY13			06
2N3054A	S	N	MO			2N3054	06
2N3054S	S	N	S			2N3054	
2N3055	S	N	F, RC, ET, RA, SR	BDY20	BDY39	2N3713	
2N3055U	S	N	AT	BDX10			
2N3055V	S	N	AT			(2N3055)	
2N3056	S	N	F, TX, RY, CA, IT	BSX46-6	BSX33	2N2243	2N2243A
2N3056						EN870	
2N3056A	S	N	F, TX, RY, SM, TD	BSX47-6	BSX33	2N2243A	EN870
2N3057	S	N	F, TX, RY, CA, IT	BSX46-16	BSX33	2N2243	2N2243A
2N3057						2N4946	
2N3057A	S	N	F, TX, RY, SM, TD	BSX47-10	BSX33	2N2243A	SE6023
2N3058	S	P	RY, CR, SP, FR, ID			2N2944	2N2945
2N3059	S	P	CR, FR, RY, SP, ID			2N2944	2N2945
2N3060	S	P	CR, RY, SP, TD, SD	BSV16	BCY11	2N2944	2N2945
2N3061	S	P	CR, SP, RY, FR, TD			2N2944	2N2945
2N3062	S	P	CR, SQ, TR, RY, TD			2N2944	2N2945
2N3063	S	P	CR, SQ, TR, RY, TD			2N2944	2N2945
2N3064	S	P	CR, SQ, TR, RY, TD			2N2944	2N2945
2N3065	S	P	CR, SQ, TR, RY, TD			2N2944	2N2945
2N3068	J	N	BT, NU, IL, SX, ES			2N3365	2N3437
2N3067	J	N	TI, IL, SX, NU, BT			2N3366	2N3438
2N3068	J	N	TI, NU, SD, IL, SX			2N3367	2N3454
2N3068A	J	N	TI			2N3367	
2N3069	S	N	TI, SX, NS, SO, TX			2N3822	2N3458
2N3069						TN4341	
2N3070	J	N	TI, SX, NS, SD, IL			2N3821	2N3459
2N3070						TN4340	
2N3071	J	N	TI, SX, SO, IL, TX			2N3438	2N3460
2N3071						TN4339	
2N3072	S	P	F, MO, CA, RY, ET	(BCW60-16)	BFY64	2N2904	2N2905
2N3072						2N3645	
2N3073	S	P	F, MO, IT, CA, RY	(BCW76-16)	BFY64	2N2906	2N2907
2N3073						2N3645	
2N3074	G	P	PE	AF106	AF109		2A230

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N3074				AF 180					02
2N3075	G	P	PH, PE	(AF 200J)	AF 200			25A280	02
2N3075				AF 181	AF 121				02
2N3077	S	N	PE, SO, TR, SM			2N2484			01
2N3079	S	N	OO, SU			2N3846			16
2N3080	S	N	OO, SU			2N3847			16
2N3082	S	N				3N76	3N73		12
2N3083	S	N	GE			3N74	3N79		12
2N3084	J	N	CR, IL, BT			2N3821	2N3459		12
2N3084						TN4339			
2N3085	J	N	CR, IL, BT			2N3821	2N3459		
2N3085						TN4339			
2N3086	J	N	CR, IL, BT			2N3821	2N3459		
2N3086						2N3070			
2N3087	J	N	CR, IL, BT			2N3821	2N3459		
2N3087						2N3070			
2N3088	J	N	CR, IL, BT			2N3821	2N3460		
2N3088A						2N3821			
2N3088A						2N3070			
2N3089	J	N	CR, IL, SX, BT			2N3386	2N3460		
2N3089						2N3070			
2N3089A	J	N	CR, IL, SX, BT			2N3386	2N3460		
2N3089A						2N3040			
2N3107	S	N	F, IN, TX, RY, CA	BSX46-18		2N2243	2N2243A		10
2N3107						SE6020			10
2N3108	S	N	SG, F, IN, TX, MU	BSX46-6	8FW24	2N2102	2N1813		10
2N3108				BSX46XVI	8SY46	2N3568			10
2N3108				BFY44	8SX45				10
2N3109	S	N	SG, F, IN, TX, RY	BSX46-18	8FW25	2N1711	2N687		10
2N3109						SE6021			10
2N3110	S	N	SG, F, IN, TX, IT	BSX45-6	8FY56	2N3053	2N2218A		10
2N3110				8FW26	8SX45VI	2N2243A	SE6021		10
2N3110				BFY44	8FX45				10
2N3112	J	P	SX, ES			2N5471	2N5473		10
2N3112						2N2841			10
2N3113	J	P	SX			2N5471	2N5473		02
2N3114	S	N	MO, F, TX, SO, TR	8F257	(8F457)	2N3500	2N5183		02
2N3114				8FY57	8D115				13
2N3115	S	N	MO, TX, CA, RY, SO	(BSK49)		2N2221	2N2222		13
2N3115						2N4436			16
2N3116	S	N	MO, TX, ET, HS, SM	(BSK49)		2N2221	2N2222		16
2N3116						2N4437			18
2N3117	S	N	F, TX, SO, TI, TR	(BCW14C)	8FY77	2N2484	SE4020		01
2N3117				8SY63	8SY19				01
2N3117				8SY20	8SY21				01
2N3120	S	P	F, MO, CA, IT, RY	(BSW80-16)	8FY64	2N2800	EN1132		10
2N3121	S	P	F, MO, CA, RY, SG	(BCW78-16)	8SX38	2N2837	2N2906		10
2N3121						2N2907	EN722		10
2N3122	S	N	RY, SO, CA			2N5321			01
2N3126	G	P	KS			2N456A	2N3146		06
2N3126	G	P	KS			2N456A	2N3146		06
2N3132	G	P	IT	ADY26		2N1100	T13031		18
2N3133	S	P	MO, TX, GI, NS, PH	BCW80-10	8SY15VI	40634	2N2904		13
2N3133						2N2905	EN1122		13
2N3134	S	P	MO, TX, GI, NS, PH	(BCW80-16)	8FY64	2N4037	2N2906		13
2N3134						2N3644			13
2N3136	S	P	MO, TX, GI, NS, ET	(BCW78-10)	8SX38	EN727			13
2N3136				(BCW78-16)					13
2N3137	S	N	F, NU, MO, FR, TI	8SY58		2N2218	2N3014		02
2N3137						2N3584			02
2N3138	S	N	SM, TR, UT, SO, TW			2N3766			03
2N3146	G	P	TX			2N3618	2N456A		06
2N3147	G	P	TX			2N3618	2N456A		06
2N3153	S	N	CR			2N2432			12
2N3162	S	N				2N3411			05
2N3167	S	P	SZ, SO, SM			MJ2267			03
2N3168	S	P	SZ, SO, SM			2N3789			03
2N3169	S	P	SZ, SO, SM			2N3790			03
2N3170	S	P	SZ, SO, SM			2N3790			03
2N3171	S	P	SZ, SM, SO, MO, SO			2N3789	2N6254		03
2N3171						MJ2264	2N6246		03
2N3171						2N4901			03
2N3172	S	P	SZ, SM, SO, MO, SO			2N3789	2N6246		03
2N3172						2N4902			03

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N3173	S	P	SZ, SM, SQ, MO, SO		2N3790	2N6247	03
2N3173	S	P	SZ, SM, SQ, MO, SO		2N4903		03
2N3174	S	P	SZ, SO, SQ, SM		2N3790	2N6248	03
2N3175	S	P	SZ, SM, SQ, PP		MJ2267	2N5003	03
2N3178	S	P	SZ, SM, SQ, PP		2N3789		03
2N3177	S	P	SZ, SM, SQ, PP		2N3790		03
2N3178	S	P	SZ, SM, SQ, PP		2N3790		03
2N3179	S	P	SZ, SO, SM		MJ2267		03
2N3180	S	P	SZ, SO, SM		2N3789		03
2N3181	S	P	SQ, SZ, SM		2N3790		03
2N3182	S	P	SZ, SO, SM		2N3790		03
2N3183	S	P	SZ, SM, SQ, MO, SO		2N3789	2N624E	03
2N3183	S	P	SZ, SM, SQ, MO, SO		2N4904		03
2N3184	S	P	SZ, SM, SQ, MO, SO		2N3789	2N624E	03
2N3184	S	P	SZ, SM, SQ, MO, SO		2N4906		03
2N3185	S	P	SZ, SM, SQ, MO, SO		2N3790	2N6247	03
2N3185	S	P	SZ, SM, SQ, MO, SO		2N4906		03
2N3186	S	P	SZ, SO, SQ, SM		2N3790	2N6248	03
2N3187	S	P	SZ, SO, SM		MJ2267		03
2N3188	S	P	SZ, SO, SM		2N3789		03
2N3189	S	P	SZ, SO, SM		2N3790		03
2N3190	S	P	SZ, SO, SM		2N3790		03
2N3192	S	P	SZ, SO, SM		2N3789		03
2N3193	S	P	SZ, SO, SM		2N3790		03
2N3194	S	P	SZ, SM, SQ		2N3790		03
2N3196	S	P	SZ, SO, SQ, SM		2N3789	2N634E	03
2N3196	S	P	SZ, SO, SQ, SM		2N4904		03
2N3196	S	P	SZ, SO, SQ, SM		2N3789	2N624E	03
2N3196	S	P	SZ, SO, SQ, SM		2N4906		03
2N3197	S	P	SZ, SO, SQ, SM		2N3790	2N6247	03
2N3197	S	P	SZ, SO, SQ, SM		2N4906		03
2N3198	S	P	SZ, SO, SQ, SM		2N3790	2N6248	03
2N3200	S	P	SZ, SO, CR		2N3740		03
2N3201	S	P	SZ, SO, CR		2N3741		03
2N3202	S	P	SZ, SO, TR, CR, SO		2N5333	2N5783	03
2N3202	S	P	SZ, SM, SQ, TR, CR		2N4234		03
2N3203	S	P	SZ, SM, SQ, TR, CR		2N3740	2N5333	03
2N3204	S	P	SZ, SM, SQ, TR, CR		2N5781	2N423E	03
2N3204	S	P	SZ, SM, SQ, TR, CR		2N3741	2N5333	03
2N3204	S	P	SZ, SM, SQ, TR, CR		2N423E		03
2N3206	S	P	SZ, SM, SQ, CR		2N5333		03
2N3206	S	P	SZ, SM, SQ, CR		2N3740	2N5333	03
2N3207	S	P	SZ, SM, SQ, CR		2N3741	2N5333	03
2N3208	S	P	SZ, SM, TR, CR		2N3740	2N5783	03
2N3208	S	P	SZ, SM, TR, CR		2N4234		03
2N3209	S	P	F, MO, IT, RY, TX	8SX29	MM2894	2N357E	10
2N3209	S	P	F, MO, IT, RY, TX		2N4313		10
2N3211	S	N	MO, SQ, SM	(85Y63)			13
2N3217	S	P	CR, SP, RY, ID, TD		2N2944	2N294E	12
2N3218	S	P	CR, ID, SP, TD, RY		2N2944	2N294E	12
2N3219	S	P	CR, RY, SP, FR, SQ		2N2944	2N294E	12
2N3220	S	N	SM, TR, SQ		2N3787		03
2N3221	S	N	SM, TR, SQ		2N3787		03
2N3222	S	N	SM, TR, SQ		2N3786		03
2N3223	S	N	SM, TR, SQ		2N3786		03
2N3224	S	P	SM, SQ		2N3498	2N290E	02
2N3224	S	P	SM, SQ		2N5415		02
2N3225	S	P	SM, SQ		2N3498	2N5415	02
2N3226	S	N	SZ, PP, SR, SQ, ET		2N3717	2N4913	06
2N3226	S	N	SZ, PP, SR, SQ, ET		2N6253		06
2N3227	S	N	MO, TX, ES, RY, CA	(85Y63)	2N2369A	2N3011	13
2N3232	S	N	MO, SZ, ET, F, PP		2N5877	2N305E	03
2N3232	S	N	MO, SZ, ET, F, PP		2N3715	2N4914	03
2N3233	S	N	SZ, ET, W, F, PP		2N4347	2N3442	03
2N3234	S	N	MO, SZ, W, F, SF		2N3055	2N6262	03
2N3236	S	N	MO, SZ, ET, W, SO		2N3055	2N371E	03
2N3236	S	N	SZ, PP, SF, SQ, W		2N3716	2N6254	03
2N3237	S	N	SZ, SF, SQ, W, SM		2N5302	2N625E	03
2N3237	S	N	SZ, SF, SQ, W, SM		2N5882		03
2N3238	S	N	SZ, SF, SQ, W, SM		2N3716	2N625E	03
2N3238	S	N	SZ, SF, SQ, W, SM		2N5882		03
2N3238	S	N	SZ, SF, SQ, SM, SU		2N3716	2N625E	03
2N3239	S	N	SZ, SF, SQ, SM, SU		2N5882		03
2N3240	S	N	SZ, SU, TW, W, SF		2N5631	2N6259	03
2N3241	S	N	RC	(85X45-10)	2N2222		01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N3241A	S	N	RC	(BSX45-16)	BC140XV1	2N2222			01
2N3241A				BC140	BSX75				01
2N3242	S	N	RC	(BSX45-16)		2N730	2N2222		01
2N3242A	S	N	RC	(BSX45-16)	BC140X	2N2222	2N730		01
2N3242A				BSX75					01
2N3244	S	P	MO, TX, RY, SO, TR	(BSV15-10)		2N5323			13
2N3245	S	P	MO, TX, RY, SO, TR	(BSV16-6)		2N5323			13
2N3246	S	N	SM, TD, SO			2N2484			13
2N3247	S	N	TD, UP			2N2484			13-
2N3248	S	P	MO, RY, ME, SO, TR			2N2894			13
2N3249	S	P	MO, ME, RY, SO, FR			2N2894			13
2N3250	S	P	F, MO, TX, RY, IT	BCY79VII	BFX48	EN3250			13
2N3250A	S	A	F, MO, TX, RY, PE	BCY77VII		2N4121			13-
2N3251	S	P	MO, F, IT, RY, TX	BFX48	BCY79VII	2N3250	2N4922		13
2N3251				BC177					13
2N3251A	S	P	F, MO, TX, RY, ES	BCY77VII		2N3250	2N4922		13-
2N3252	S	N	F, MO, TX, RY, IT	(BSY34)	BFX17	2N2218	2N3250		13
2N3252				BSY34	BFY51				13-
2N3252				BSY34	BSX45				13-
2N3253	S	N	F, MO, TX, IT, RY	(BSY34)	BSX32				13-
2N3253				BSX45	BSX59				13
2N3261	S	N	RC, FE, SO, AT, SM	BSS10	BSX20				13
2N3263	S	N	RC, SQ, TX, TW, SM			2N4002			16
2N3264	S	N	RC, SQ, TX, TW, SM			2N4002			16
2N3265	S	N	RC, PI, SM, SO, TX			2N4002			16
2N3266	S	N	RC, PI, SM, SO, TX			2N4002			16
2N3268	S	N	SM, TR, TI, SQ			2N337			01
2N3277	J	P	F, IL			2N5474	SF1680		
2N3277						2N2606			
2N3278	J	P	F, IL			2N5475	SM8661		
2N3278						2N2607			
2N3279	G	P	MO	(AFY16)		2N2997			02
2N3280	G	P	MO	(AFY16)		2N2997			02
2N3281	G	P	MO	(AFY16)		2N2996			02
2N3282	G	P	MO	(AFY16)		2N2996			02
2N3283	G	P	MO	(AFY42)		2N2996			02
2N3284	G	P	MO	(AFY42)		2N2996			02
2N3285	G	P	MO	(AFY42)		2N2996			02
2N3286	G	P	MO	(AFY42)		2N2996			02
2N3287	S	N	MO, SM, SQ, ET			2N2944	2N2945		02
2N3288	S	N	MO, SM, SQ, ET			2N2944	2N2945		02
2N3289	S	N	MO, SM, TI, ET, SO			2N918			02
2N3291	S	N	MO, SM, TI, ET, SO	(BF255)		2N918			02
2N3292	S	N	MO, SM, TI, ET, SO	(BF255)		2N697	2N918		02
2N3293	S	N	MO, SM, TI, ET, SO	(BF255)		2N918			02
2N3294	S	N	MO, SM, TI, ET, SO	(BF255)		2N918			02
2N3295	S	N	MO, SM, SQ, KE	(BFX55)		2N2217	2N2219		03
2N3299	S	N	F, MO, TX, ET, RY	(BCW77-16)	BFY72	2N2218A	2N2537		13
2N3299						2N3015	2N3641		13
2N3300	S	N	MO, F, ET, BT, FR	(BSW77-16)	BFY72	2N1711	2N219A		13
2N3300				BSY34	BSX73				13
2N3301	S	N	F, MO, F, TX, ET	(BCW73-16)	BFX94	2N2221A	2N4436		13
2N3302	S	N	F, MO, TX, ET, RY	(BCW73-16)	BFX95	2N2222A	2N4437		13
2N3303	S	N	F, MO, PE, MU, SG	(BSY58)	BSX12				13
2N3304	S	P	F, MO, RY, NS, SM	BSX70		2N3546	2N2894		10
2N3304						2N3639			10
2N3305	S	P	SM, SQ			2N2907			01
2N3306	S	P	SM, SQ			2N2907			01
2N3308	S	N	SM, NU, SQ, ML, SM			2N3308A	2N3553		03
2N3308A	S	N	MO			2N3553			03
2N3317	S	P	SP, FR, RY, UP, CR			2N2944	2N2945		13
2N3318	S	P	SP, FR, UP, CR, ID			2N2944	2N2945		12
2N3319	S	P	SP, FR, RY, UP, CR			2N2944	2N2945		12
2N3320	G	P	FR, UP, ID			2N964			13
2N3321	G	P	FR, ID			2N964			13
2N3326	S	N	CA, IT, SM, TX, UP			2N2218A	2N3567		13
2N3327	S	N	SM, SQ	BFY44					03
2N3328	J	P	TX, SX, IL			2N5475	2N2607		
2N3329	J	P	TX, SX, TI, IL, SD			MF E4009	2N2497		
2N3330	J	P	TX, SX, MO, SD, TI			2N2498			
2N3330J	J	P	TX			JAN2N3330			
2N3331	J	P	TX, SX, TI, SD, IL			MF E4012	2N2499		
2N3332	J	P	TX, IL, TI, SD, ES			2N5267	2N5268		
2N3332						2N2500			
2N3337	S	N	F, SM, SQ, ET, SG	(BF241)	BFY79	2N3287	2N2883		02

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N3337									
2N3338	S	N	F, SM, SO, ET, SG	(8F241)	BFY79	2N3688			02
2N3338						2N3289	2N288J		02
2N3339	S	N	F, SM, SO, ET, SG	(8F241)		2N3689			02
2N3339						2N3288	2N288J		02
2N3341						2N3690			02
2N3342									
2N3343	P	SD, SO, SM				2N2604	2N260E		10
2N3344	P	SD, RY, SO, CR, SM				2N2944	2N294J		10
2N3344	P	SD, RY, SO, CR				2N2944	2N294E		12
2N3344	P	SD, RY, SO, CR				2N2944	2N294E		12
2N3345	P	SD, SO, CR				2N2944	2N294E		12
2N3346	S	P	SD, RY, SO, CR			2N2944	2N294E		12
2N3347	S	P	TX, TI, F, MO, RY			2N3350			05
2N3348	S	P	TX, F, TI, ML, TD			2N3355			05
2N3349	S	P	TX, TI, S ₁ , ML, NS			2N3350			05
2N3351	S	P	TX, F, TI, SO, BT			2N3350			05
2N3352	S	P	TX, S ₁ , ML, NS, TI			2N3350			05
2N3365	J	N	TI, SX, SD, TX, BT			2N3459	2N3070		05
2N3366	J	N	TI, SX, IL, BT, SD			2N3460	2N3070		
2N3367	J	N	TI, IL, TX, BT, SX			2N3070			
2N3368	J	N	TI, IL, SD, TX, BT			2N3436	2N345E		
2N3368									
2N3369	J	N	TI, IL, SD, TX, BT			2N4221			
2N3369						2N3437	2N346G		
2N3370	J	N	TI, IL, SD, TX, BT			2N4220A			
2N3370						2N3438	2N346G		
2N3370						2N3070			
2N3375	S	N	F, MO, RC, SV, TI	BLY22	BCY22				03
2N3375				BLY59					03
2N3376	J	P	SX, IL, TI, ES			2N3330	2N3329		
2N3377	J	P	SX			2N3330	2N337E		
2N3378	J	P	SX, IL			SM8648	2N3330		
2N3379	J	P	SX			2N3330	2N337E		
2N3380	J	P	SX, SD, IL			2N3909A	2N3331		
2N3381	J	P	SX			2N3909A	2N3380		
2N3382	J	P	SX, IL			2N3994	SM8650		
2N3382						2N2609			
2N3383	J	P	SX			2N3994	2N3382		
2N3384	J	P	SX, IL			2N3993	SM8651		
2N3385	J	P	SX			TP5115			
2N3386	J	P	SX, IL			2N3993	2N3384		
2N3386						2N3993	SM8652		
2N3386									
2N3387	J	P	SX			2N5018			
2N3390	S	N	GE, ML, S, S ₁	BC188C	BC168	2N3993			
2N3390				BC130C	BC108C	MPS6521	T1598		01
2N3390				BC173C	BC183C	2N5981	2N6002		01
2N3390									01
2N3391	S	N	GE, SP, CN, S ₁ , NS	BC188B	BC173	MPS6515	T1598		01
2N3391				BC183	BC238	2N5961	2N3565		01
2N3391				BC238B					01
2N3391A	S	N	GE, S ₁ , SP, FR, NS	BC189B	BC148B	MPS6520	T1598		01
2N3391A				BC238B	BC108	2N4401	SE6002		01
2N3391A									01
2N3391A									01
2N3392	S	N	GE, S ₁ , ID, SP, S	BC173	BC184				01
2N3392				BC168B	BC168A	MPS3392	T1598		01
2N3392				BC130A	BC238	SE6002		75C458	01
2N3392				BC109	BC172				01
2N3392				BC183					01
2N3393	S	N	GE, S ₁ , ID, SP, TR	BC167A	BC130A	MPS3393	T1598	25C458	01
2N3393				BC108	BC172	SE6002			01
2N3393				BC183	BC238				01
2N3394	S	N	GE, S ₁ , ID, SP, TR	BC168A	BC130A	MPS3394	T1598	25C458	01
2N3394				BC108	BC208	2N4401	2N3566		01
2N3394									01
2N3394									01
2N3395	S	N	GE, S ₁ , ID, SP, NS	BC172	BC738				01
2N3395				BC168A	BC130	MPS3395	T1598	25C458	01
2N3395				BC108	BC168B	SE6002			01
2N3395				BC188C	BC172				01
2N3395v	S	N	GE	BC188B					01
2N3395v									
2N3395w	S	N	GE	BC188B					01
2N3396	S	N	GE, S ₁ , NS, SP, TR	BC188B	BC188A	MPS3396	T1598	25C458	01
2N3396				BC130	BC188C	2N4401	SE6002		01
2N3396				BC108	BC183				01
2N3396or	S	N	GE	BC168A					01
2N3396or									
2N3396or	S	N	GE	BC168B					01
2N3396v	S	N	GE	BC168B					01
2N3397	S	N	GE, S ₁ , ID, SP, S	BC168A	BC130	MPS3397	T1598	25C458	01
2N3397				BC108	BC168B	2N4400	2N5153		01
2N3397				BC188C	BC183				01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N3387r	S	N	GE	BC188A			
2N3387or	S	N	GE	BC188A			
2N3387ya	S	N	GE	BC188B			
2N3387w	S	N	GE	BC188B			
2N3388	S	N	GE, Ss, ID, NS, SP	BC188A	8C130	MPS3398	T1598
							ZSC468
							01
2N3388				BC108	8C188B	2N4400	2N5135
2N3388				BC158C			
2N3388r	S	N	GE	BC168A			
2N3388or	S	N	GE	BC168A			
2N3388ye	S	N	GE	8C188B			
2N3388w	S	N	GE	BC188B			
2N3388bl	S	N	GE	BC188C			
2N3389	G	P	AM, PE, NU	AF139		2N2996	
2N3401	S	P	CR, SO, RY			2N2944	2N2945
2N3402	S	N	GE, Ss, NU, SP, CN	(8C337-16)	8C108	2N5449	MPS6613
							ZSC468
							01
2N3402				BC338	8C183	2N4401	SE6002
2N3403	S	N	GE, NU, SP, CN, FR	(8C337-25)	8C108	2N5449	MPS6613
2N3403				BC338	8C172	2N4401	SE6002
2N3403				BC183			
2N3404	S	N	GE, Ss, ID, NU, SP	(8C337-16)	8C337	2449	MPSA05
							01
2N3404							01
2N3405	S	N	GE, Ss, ID, NU, SP	(8C337-26)	8C337	2N2449	2N5856
2N3405						2N5856	MPSA06
2N3409	S	N	MO, SG, SQ, GI			2N2639	
2N3410	S	N	MO, GI, SQ, F, SG			2N2639	
							06
							05
2N3411	S	N	MO, GI, SQ, F, SG			2N2639	
2N3412	G	P	TX, CN, ET			2N5320	
2N3414	S	N	GE, FR, NU, SP, NS	(8C337-18)	8C338	MPS6613	2N5449
2N3414						2N4401	2N3566
2N3415	S	N	GE, NS, NU, SP, Ss	(8C337-25)	8C338	MPS6615	2N5449
							01
2N3415						2N4401	2N3566
2N3416	S	N	GE, Ss, NU, SP, ML	(8C337-18)	8C141	2N5449	MPS6615
2N3416				BC107A	8C337	MPSA05	SE6020
2N3416				8C182			
2N3417	S	N	GE, Ss, SP, NU, TR	(8C337-26)	8C337	MPS6615	2N5449
							01
2N3417						MPSA05	SE6020
2N3418	S	N	TX, FR, SM, SQ, TW	(8SX63-6)		2N5320	2N5334
2N3419	S	N	TX, GS, SQ, UN, CN	(8SX63-6)		2N5325	
2N3420	S	N	TX, ES, SM, SQ, UN	(8SX63-10)		2N5336	
2N3421	S	N	TX, SM, UN, GS, TW	8SX63-10		2N5336	
							16
2N3423	S	N	F, ME, TI, MO, RY	BFY84		2N2639	
2N3424	S	N	F, ME, TI, MO, RY	BFY84		2N2639	
2N3425	S	N	F, RY, SG, MO			2N3014	
2N3426	S	N	F, PE, SG, SQ, MU	(8SY58)	8SX12	2N3303	2N3426
2N3427	G	P	MO, SR, IC	(ASV48VI)		2N1377	
							01
2N3428	G	P	MO, SR, IC	(AEV48VI)		2N1377	
2N3429	S	N	W, SZ, KE			2N3713	
2N3430	S	N	W, SM, SZ, KE			2N3714	
2N3436	J	N	TI, SX, SD, BT, NS			2N3458	2N4222A
2N3437	J	N	TI, SX, SD, BT, NS			2N3459	2N4220A
							02
2N3438	J	N	TI, SX, SD, BT, NS			2N3480	2N4220A
2N3439	S	N	RC, FE, SQ, MO, F			MJ3201	2N5058
2N3440	S	N	RC, FE, SQ, F, MO			MJ3202	
2N3441	S	N	RC, FE, Ss, F, NU	BUY14		2N3442	2N3738
2N3442	S	N	AT, MD, RC, S, AM	BUY17	8DX11	2N5631	MJ3010
							06
2N3444	S	N	TX, IT, MO, SG, SE	8SY34	8FX17	2N5321	
2N3444				8SX61			
2N3445	S	N	MO, SM, SQ, F, SF	BUY57		2N5877	2N6471
2N3445						2N3715	
2N3446	S	N	MO, SM, TR, F, SQ	BUY57		2N5878	2N6472
							06
2N3446						2N3714	
2N3447	S	N	MO, SM, SO, F, SF	BUY57	8DY61	2N5877	2N6471
2N3447						2N3715	
2N3448	S	N	MO, SM, SO, TR, F	BUY57		2N5878	2N6472
2N3448						2N3716	
							06
2N3450	J	N	RY	BFY50			
2N3452	S	N	TI, IL, TX, BT, SX			MF E2095	2N3821
2N3453	J	N	TI, IL, BT, SX, TX			MF W2094	TN4119
2N3454	J	N	TI, IL, TX, BT, SX			MF E2093	TN4119
2N3455	J	N	TX, TI, IL, BT, SX			MF E2095	2N3821
2N3456	J	N	TI, IL, TX, BT, SX			MF E2094	2N3821
2N3457	J	N	TI, IL, SO, SX, BT			MF E2093	TN4118
2N3458	J	N	TI, SX, TX, SD, NS			2N3438	2N4227A
2N3459	J	N	TI, SX, TX, SD, NS			2N3437	2N4220A
2N3460	J	N	TI, SX, TX, SD, BT			2N3438	2N4220A

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N3464	S	N	M, SQ, SM, TW		2N3053		03
2N3465	J	N	CR		2N4220A		
2N3466	J	N	CR, ES		2N4220A		
2N3467	S	P	F, MO, TX, TI, ES	(BSV15-10)			13
2N3468	S	P	F, MO, TX, IT, ES	(BSV16-1)			13
2N3469	S	N	SD, KE, PP, SQ, TW		2N5337		03
2N3478	S	N	RC, SQ, SM	(BFX89)			02
2N3485	S	P	F, MO, TX, RY, TI	(BCW76-16)			13
2N3485A	S	P	F, MO, TX, SM, TI	(BCW76-16)			13
2N3486	S	P	F, MO, TX, TI, RY	BCW76-16			13
2N3486A	S	P	F, MO, TX, RY, SM	(BCW76-16)			13
2N3494	S	P	MO, F, RY, TX, TR		2N2605		02
2N3495	S	P	MO, SM, F, TX, HS		2N2605		02
2N3496	S	P	MO, F, TX, RY, ET		2N2605		02
2N3497	S	P	MO, RY, TX, F, SQ		2N2605		02
2N3498	S	N	MO, F, ID, SQ, TR	(BF457)	2N697	2N698	02
2N3499	S	N	MO, HS, SQ, TR, SM	(BF457)	2N5058		02
2N3500	S	N	MO, F, SM, TR, ES	(BF457)	2N2243A		02
2N3501	S	N	MO, F, SM, TR, TI	(BF457)	2N2243A		02
2N3502	S	P	F, TX, NS, RY, SG	(BCW80-16)	BC161XVI	2N2905	EN3502
2N3502				BC161			13
2N3503	S	P	F, TX, NS, SM, SG	(BCW80 16)	BC161XVI	2N2906A	2N2905
2N3503				BC161		2N3696	
2N3504	S	P	F, TX, NS, IT, SO	(BCW76-16)	BSX36	2N2907	EN3504
2N3504				BC161XVI	BC161		13
2N3505	S	P	F, TX, NS, SM, TR	(BCW76-16)	BSX36	2N2907A	2N2907
2N3505				BC161XVI	BC161	EN3504	
2N3506	S	N	MO, HS, SD, TR, TI	(BSX62-10)		2N5337	2N2989
2N3507	S	N	MO, HS, TR, TI, ES	(BSX63-10)		2N5336	2N2989
2N3508	S	N	MO, SQ, SM	(BSY63)			13
2N3509	S	N	MO, SQ, SM	(BSY63)			13
2N3510	S	N	MO, F, IT, SO, CN	(BSY63)	BSX26	EN3009	
2N3511	S	N	MO, F, IT, SO, CN	(BSY63)	BSX26	EN3009	
2N3512	S	N	RC, ET, MO, FE, SO			2N2537	2N3015
2N3513	S	N	GE, F			2N2480A	2N2639
2N3513						2N2640	
2N3516	S	N	GE, F			2N2639	
2N3518	S	N	F, MO			2N3046	
2N3520	S	N	SG			2N3043	
2N3521	S	N	GE, SG			2N2643	2N3043
2N3522	S	N	GE			2N2643	
2N3524	S	N	F, SG			2N2639	2N2640
2N3526	S	N	SM, TT, SG	8FY57		2N5182	
2N3527	S	P	CR, SM			2N2944	2N2945
2N3543	S	N	KE, SQ, TW, SM	8DY61			03
2N3544	S	N	MO, SQ, SM			2N918	
2N3546	S	P	MO, NS, SM, TD, ID			2N789A	2N3676
2N3549	S	P	NS, SM, TD, ME, SQ			2N2604	2N2605
2N3550	S	P	NS, SQ			2N2944	2N2945
2N3553	S	N	RC, MO, SV, TF, V	8FY99	BFW47		03
2N3564	S	N	TX, SM, TR, RY, SQ	BSY34	BSX60		13
2N3563	S	N	F, TI, ET, ME, GI	(BFX89)		PN3563-18	TI562
2N3564	S	N	F, TI, GI, ME, NS	(BFX89)			02
2N3565	S	N	F, CS, TI, GI, ME	(BC413B)	BC238	PN35-18	MP565 14
2N3566				BC172	BC208	TI598	2SC485
2N3566				BC183			01
2N3566	S	N	F, TI, CS, NU, UP	(BC237B)		PN3566-5	MP565 14
2N3566						2N5449	01
2N3567	S	N	F, CS, TI, UP, BT	BSX45-6		PN3567-5	MP565 30
2N3568	S	N	F, CS, TI, RY, SS	BSX46-6	BC337	PN3568-5	01
2N3569	S	N	F, CS, TI, UP, NP	BSX45-16		PN3569-5	MP565 31
2N3570	S	N	TX, FE, ML, Ss, KM	(BFY90)	BFY89		01
2N3571	S	N	TX, FE, ML, Ss, KM	(BFY90)		2N3570	02
2N3572	S	N	TX, FE, ML, Ss, KM	(BFY90)	BFX89	2N3570	02
2N3573	J	P	TX, TI			2N5471	2N5472
2N3573							
2N3574	J	P	TX, TI, IL			2N2841	
2N3574						2N5472	2N5474
2N3575	J	P	TX, TI, IL			2N2842	
2N3575						2N5474	2N5475
2N3575						2N2607	
2N3578	J	P	SK, IL, ES			2N3330	2N2608
2N3579	S	P	SD, SO, SM			2N2604	2N2605
2N3580	S	P	SD, SO, SM			2N2605	
2N3581	S	P	SD, SO, SM			2N2605	
2N3582	S	P	SD, SO, SM			2N2605	

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N3583	S	N	RC, TX, IT, FE	BUY77		SE9331	MJ2251		03
2N3584	S	N	RC, TX, IT, UN, FE	(BUY77)					16
2N3585	S	N	RC, TX, IT, UN, FE	(BUT78)	BDY94	2N3767			16
2N3586	G	P	AM, PE	(AF261U)	AF201	2N2495		2SA239	05
2N3588				AF121	AF178				06
2N3589	S	N	GE, SO, TR, SM			SE9331			03
2N3597	S	N	SD, PI, F, GX, SO			2N3767	2N4002		14
2N3597						2N3266			14
2N3598	S	N	SD, F, PI, KE, SM			2N3446	2N4002		14
2N3598						2N3266			14
2N3599	S	N	SD, PI, F, GX, SQ			2N3447	2N4002		14
2N3599						2N3265			14
2N3600	S	N	RC, ET, SM, SQ, AM	(BFY90)		2N918			02
2N3605	S	N	GE, ML, S ₁	(BSY428)	BSY62	MPS3646	2N5772		10
2N3605						2N4275			10
2N3605A	S	N	GE	BSY63	BSX20	MPS3646	2N5772	25C321	10
2N3605A						2N4275			10
2N3606	S	N	GE, ML, S ₁	(BSY628)	BSY62	MPS3646	2N5772		10
2N3606						2N4275			10
2N3606A	S	N	GE	BSY63	BSX20	MPS3646	2N5772	25C321	10
2N3606A									10
2N3606A	S	N	GE, ML, S ₁ , MO	(BSY628)	BSY62	2N4275	2N5772	25C321	10
2N3607	S	N	GE, ML, S ₁ , MO	BSY70	BSX20	MPS3646			10
2N3607						2N4275			10
2N3608	M	P	IL, MO			2N4352			
2N3609	M	P	MO			MFE3020	MFE3021		
2N3610	M	P	MO			2N4352			
2N3611	G	P	MO, ET, ES, KS, SD	AUY211V		T13027			06
2N3612	G	P	MO, ET, ES, PP, CN	AUY211V					08
2N3613	G	P	MO, ES, KS, SD, ET	(AUY211V)	AUY21V	T13027			06
2N3614	G	P	MO, KS, SD, TR, ET	(AUY211V)	AUY31V	T13027	T13028		06
2N3615	G	P	MO, SD, TR, ET, PP	(AUY221V)	AUY221V	T13027			06
2N3615				ASZ16					06
2N3616	G	P	MO, PP, TR, CN, ET	AUY221V	ASZ15	2N456A	2N3146		06
2N3617	G	P	MO, TR, CN, KS, SD	(AUY221V)	AUY22V	T13027	T13030		06
2N3617				ASZ16					06
2N3618	G	P	MO, CN, KS, SD, ES	(AUY221V)	AUY22V	2N456A	2N3146		06
2N3631	M	SX				2N3797			
2N3632	S	N	MO, RC, MU, PE, SV	BLY33	BLV60				03
2N3634	S	P	MO, ET, SM, TR, ES			FT5415			02
2N3636	S	P	MO, F, SQ, TR, SM			FT5416			02
2N3638	S	P	F, ME, CA, TI, GI	BC328-16	BCW52	MPS3638-5	2N5447		13
2N3638A	S	P	F, CA, CN, ET, ID	BC328-16		MPS3638A-5	2N5447		13
2N3639	S	P	F, ME, RY, UP, BT			PN3639-18	MPS3639		13
2N3639						T1553			13
2N3640	S	P	F, ME, CN, ES, NS			PN3640-18	2N4091		13
2N3640									13
2N3641	S	N	F, CN, TI, ME, NS	(BCW77-16)		PN3641-5	MPS6530		03
2N3641						2N5449			03
2N3642	S	N	F, TI, RY, NP, CA	(BCW78-16)	BC337	PN3642-5	MPS6530		03
2N3642						2N5449			03
2N3643	S	N	F, TI, UP, SG, NS	(BCW77-16)		PN3643-5	MPS6531		03
2N3643						2N5449			03
2N3644	S	P	F, CN, IO, NP, RY	(BCW80-16)	BC327	PN3644-5	2N5449		13
2N3645	S	P	F, TI, SG, NS, ME	(BCW80-16)		PN3645-5	2N4142		13
2N3646	S	N	F, TI, CS, SS, NS	(BSY63)		MPS3646-18	MPS3646		13
2N3646									13
2N3647	S	N	F, MO, TX, SG, SQ	(BSY63)	BSX26	2N4422	EN3009		13
2N3648	S	N	F, MO, SM, SO, SG	(BSY63)	BSX26	2N3303	EN3009		13
2N3659	S	N	CN, SQ, TR, SM			2N5058			02
2N3660	S	P	TR, SD, SQ, SM			2N4234	2N3719		03
2N3661	S	P	TR, SM, SQ, CN, SD			2N4236	2N3720		03
2N3662	S	N	GE, ML, S ₁	(BF198)	BF173	2N5770	2N3563		02
2N3662				BF200					02
2N3663	S	N	GE, ML, S ₁	(BF198)	BF173	2N5770	2N5383		02
2N3665	S	N	IT, TX, F, TR, NS	BSX47-6	BFY56	2N1893	2N2432		10
2N3665									10
2N3666	S	N	F, TX, TR, IT, ME	BSX47-10	BFY56	SE6021	SE6021		10
2N3667	S	N	SZ, SU, SQ, PP, SD			2N3715	2N5881		16
2N3671	S	P	F, TX, RY, MD, CA	(BCW80-16)	BFY64	2N2905	2N3644		10
2N3672	S	P	IT, RY, F, SM, IT	(BCW76-16)	BSX36	2N699	2N2905		10
2N3672									10
2N3673	S	P	F, RY, SM, SO, CS	(BCW76-16)	BSX36	2N3638A	2N3638A		19
2N3675	S	N	SZ, SP, TR, SM, SQ			2N2905			10
2N3676	S	N	SZ, SP, SM			2N4238			16
2N3677	S	P	CR, SO, TR, MO			2N4239			16
2N3677						2N2944	2N2845		16

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N3678	S	N	F, CN, IT, SO, SM	(BCW78-16)	2N3668		12
2N3681	S	N	RY, SO, ET		2N3570		02
2N3682	S	N	SM		2N918		02
2N3683	S	N	KM		2N3570		02
2N3684	J	N	SD, IL, NS, TT, NU		2N3822	2N4221A	
2N3684A	J	N	SD, IL		2N3822	2N4221A	
2N3685	J	N	SD, IL, NL, TI, NU		2N3821	2N4220A	
2N3685A	J	N	SD, IL		2N3821	2N4220A	
2N3686	J	N	SX, NU, TI, NS, SO		2N3821	TN4339	
2N3686A	J	N	SD, IL		2N3821	TN4339	
2N3687	J	N	SX, NU, TI, NS, IL		2N3438	TN4338	
2N3687A	J	N	SD, IL		TN4338		
2N3688	S	N	F, CS, NU, SG, CN	(BF241)	2N3689	2N3690	02
2N3689	S	N	F, RY, SG, CS	(BF241)	2N3688		02
2N3690	S	N	F, RY, SG, CS	(BF241)	2N3688	2N3689	02
2N3691	S	N	F, TI, GI, CS, BT	BC237A	MPS6512	TI598	01
2N3692	S	N	F, TI, GI, NU, SS	BC237A	MPS6613		01
2N3693	S	N	F, CS, ME, TI, SG	(BF241)	2N3694		02
2N3694	S	N	F, TI, CS, ME, CN	(BF240)	2N3693		02
2N3695	J	P	BT, TI		MFE4009	2N3329	
2N3696	J	P	BT, TI, ES		MFE4009	2N3329	
2N3697	J	P	BT, TI		MFE4007	SF86361	
2N3698	J	P	BT, TI, ES		2N2607		
2N3700	S	N	F, IN, V, TY, SM	(BSX47-10)	2N5473	2N2606	
					SE6021		02
2N3701	S	N	F, IN, V, RY, CN	(BSX47-6)			01
2N3702	S	P	GE, TF, TX, SR, V	(BC327-16)	BC257A		02
2N3702					BC308V1	2SA585	01
2N3703	S	P	GE, TF, TX, SR, S	(BC327-16)	BC257V1		01
2N3703					BC307V1	2SA585	01
2N3703					BC147		01
2N3704	S	N	GE, TF, TX, SR, TF	(BC337-16)	BC337XV1	2N2222	01
2N3704					BC140	2N3566	01
2N3705	S	N	GE, TF, TX, SR, FF	(BC337-16)	BC337XV1	2N221	01
2N3705					BC337	2N3566	01
2N3706	S	N	GE, TF, TX, SR, BT	(BC337-25)	BC337XV1	2N2222	01
2N3706					BC168	2N3566	01
2N3706					BC338		01
2N3707	S	N	TX, SR, S, UP, S1	BC187A	BC167B	MPS6520	01
2N3707					BC209	SE4010	01
2N3707					BC173		01
2N3707					BC184	BC149	01
2N3708	S	N	TX, SR, S1, BT, NU	BC187A	BC237A	MPS3708	01
2N3708					BC167B	EN4124	01
2N3709	S	N	SR, BT, NU, S1, UP	BC187A	BC237A	MPS3709	01
2N3709					BC167A	EN4123	01
2N3709					BC170	EN3903	01
2N3710	S	N	TX, NU, S, UP, SR	BC167A	BC237A	MPS6565	01
2N3710					BC207	EN4124	01
2N3710					BC182	EN3904	01
2N3711	S	N	TX, SR, S1, BT, NU	BC167B	BC167A	MPS3711	01
2N3711					BC237B		01
2N3711					BC167C	2N3565	01
2N3712	S	N	TX, MD, TR, HS, SM	BF257	BF457	2N3440	02
2N3712					BD115		02
2N3713	S	N	TX, MD, F, ET, SM	BDY39V		2N6471	03
2N3714	S	N	TX, MD, ET, SM, S1	BDY39V		2N6472	03
2N3714					BDY254	2N4347	03
2N3715	S	N	TX, MO, F, SM, S1	BDY39V1		2N6471	03
2N3716	S	N	TX, MO, F, SO, SM	BDY39V		2N6472	03
2N3716					BDY254	2N4347	03
2N3717	S	N	F, MO, TX	BSY34			03
2N3719	S	P	MO, TX, SO, HS, SO	BSX61-10	BSX62V1	2N4234	14
2N3719						2N5333	14
2N3720	S	P	MO, TX, SO, TR, HS	BSX63-10	BSX63V1	2N4236	14
2N3720						2N5333	14
2N3721	S	N	GE, SP, UP, CN	BC168A	BC168B	MPS3721	01
2N3721					BC168C		01
2N3722	S	N	F, RY, SG, MO, SM	BSX46108	BSX46V1	2N3015	10
2N3723	S	N	F, SM, SO, MO	(BSX47-10)	BSX47V1	2N3015	13
2N3724	S	N	F, SP, TX, TI, KE	BSX37	BSY34	2N3725	13
2N3724					BSX73		13
2N3724					BSY58		13
2N3724A	S	N	TX, KE, RY, UP, TI	(BSY34)		2N3725	13
2N3725	S	N	F, SP, TX, TI, IT	BSX37	BSY34		13
2N3725					BSX59		13

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N3725A	S	N	TX, ES, NS, SM, UP	(85Y34)			13
2N3726	S	P	F, MO, ME, RY, SQ	8FX11			06
2N3727	S	P	F, MO, SG, UP, BT	8FX11			06
2N3731	G	P	RC	AU106			06
2N3732	G	P	RC	(AD183IV)			06
2N3733	S	N	MO, RC, RA, TX, FE		(2N3632)		03
2N3734	S	N	MO, TX, F, IT, NS	(85Y58)	8FX17		13
2N3735	S	N	MO, TX, HS, NS, SM	(85Y34)			13
2N3736	S	N	MO, TX, F, SQ, UP	(85X48)	85X31		13
2N3737	S	N	MO, TX, IT, TI, ES	(85X49)			13
2N3738	S	N	MO, SG, F, ML, Ss	(8UY77)	8U126	2N5838 2N3508	06 06
2N3739	S	N	MO, IT, SQ, F	(8UY78)		2N3584 FT402	06 06
2N3740	S	P	F, MO, Ss, ML, SO	8DX28-6		2N3740 2N5955	06 06
2N3740A	S	P	MO, SQ	85X28-6			06
2N3741	S	P	F, MO, Ss, ML, SQ	8OX29-6		2N3741 2N5954	06 06
2N3741A	S	P	MO, SO	8OX29-6			06
2N3742	S	N	TX, MO, F, SM, SQ	8F259	(8F459)	2N5058 2N3439	02 02
2N3743	S	P	MO, IT, SZ, St, F	8FT198		2N5416	02
2N3744	S	N	SO, KE, PI, PP, Tw			2N3996	03
2N3745	S	N	SO, KE, PP, PI, SM			2N3996	03
2N3746	S	N	SO, KE, PI, TR, TW			2N3996	03
2N3747	S	N	SD, PP, TW, PI, TR			2N3996	03
2N3748	S	N	SD, PP, SQ, PI, SM			2N3996	03
2N3749	S	N	SD, PP, TW, UN, PI			2N3996	03
2N3750	S	N	SD, KE, SQ, PI, UN			2N3996	03
2N3751	S	N	SD, PI, GS, UN, SM			2N3996	00
2N3752	S	N	SD, KE, PP, SQ, PI			2N3996	03
2N3762	S	P	MO, HS, SQ, TI, ES	(85V15-10)			13
2N3763	S	P	MO, HS, SQ, TI, SM	(85C16-8)			13
2N3764	S	P	MO, SQ, TI, HS	(85V15-10)		2N2907	13
2N3765	S	P	MO, SQ, TI, HS	(85V16-6)		2N2907 2N3486A	13 13
2N3766	S	N	MO, F, KE, SM, TI	8DY13-6	8DY13	2N6373	06
2N3766	S	N	MO, F, KE, SM, TI	8D124	8DY13X	2N3897	06
2N3767	S	N	MO, F, KE, SM, SS	8DX25-6	8DY13X	2N6372	06
2N3771	S	N	AT, RC, F, W	(8UY57)		2N5301	06
2N3772	S	N	AT, RC, TX, SP, F	(8UY57)		2N3715	06
2N3773	S	N	AT, RC, F, SQ, SQ	(8UY58)	8UY12	2N5302	06
2N3773	S	N	AT, RC, F, SQ, SQ	8D124	8UY58IV	2N5631	06
2N3774	S	P	SZ, SQ, SQ, CR			2N4234	16
2N3775	S	P	SZ, PP, SQ, CR, SO			2N4236	16
2N3776	S	P	SZ, PP, SQ, CR, SO			2N4236	16
2N3777	S	P	SZ, PP, SQ, CR, SO			2N4236 2N4033	16 16
2N3777	S	P	SZ, PP, SQ, CR, SO			2N5679	16
2N3778	S	P	SZ, PP, SQ, CR, SO			2N4234	16
2N3779	S	P	SZ, SQ, SQ, CR			2N4236	16
2N3780	S	P	SZ, SQ, SQ, CR			2N4236	16
2N3781	S	P	SZ, SQ, SQ, CR			2N4236	16
2N3782	S	P	SZ, SQ, SQ, CR			2N5783	16
2N3782	S	P	SZ, SQ, SQ, CR			2N5783	16
2N3783	G	F	MO	(AFY42)		2N5840	02
2N3784	G	P	MO	(8F42)		2N5043	02
2N3785	G	P	MO	(AFY42)		2N5043	02
2N3788	G	N	SD, SQ			2N5840	06
2N3789	S	P	MO, TX, F, SQ, TR			2N6246	06
2N3790	S	P	MO, SD, TX, F, SQ			2N3789	06
2N3791	S	P	MO, SD, TX, F, SQ			2N3789	06
2N3792	S	P	MO, TX, F, SQ, TR			2N3789	06
2N3793	S	N	NS, SS, UP	(8C337-16)	8C168	MPS6530	01
2N3793	S	N	NS, SS, UP	8C167	8C207		01
2N3793	S	N	NS, SS, UP	8C171	8C182		01
2N3794	S	N	NS, SS, UP	8C237			01
2N3794	S	N	NS, SS, UP	(8C337-16)	8C167	MPS6531	01
2N3794	S	N	NS, SS, UP	8C168	8C208		01
2N3794	S	N	NS, SS, UP	8C172	8C183		01
2N3794	S	N	NS, SS, UP	8C238			01
2N3795	S	P	SZ, SQ			2N5415	16
2N3798	S	P	MO, TX, SM, ME, SQ	8CY77VII		2N2606	07
2N3798A	S	P	MO	8CY77VII			07
2N3799	S	P	MO, TX, SM, TO, ME	8CY77IX		2N2606	01
2N3799A	S	P	MO	(8CY77IX)			01
2N3800	S	P	MO, TI, F, SQ, TD			2N3350	01
2N3801	S	P	MO, RY, St, TD, BT			2N3350	01
2N3802	S	P	MO, F, TI, SQ, TD			2N3347 2N3350	06 06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N3955A	J	N	SO, IL, TX, BT		MFE3955A	2N554E	
2N3955A	J	N	SO, IL, TX, BT		2N5197		
2N3956	J	N	SO, IL, TX, BT		MFE3956	2N5547	
2N3956	J	N	SO, IL, TX, BT		2N5199		
2N3957	J	N	SO, IL, TX, BT		MFE3957	2N5547	
2N3958	J	N	SO, IL, TX, BT		MFE3958	2N5547	
2N3958	J	N	SO, IL, TX, BT		2N5046		
2N3959	S	N	MO, HS, SO, TI, F		2N4313		13
2N3960	S	N	MO, HS, SO, TI, F	8FX62	2N4313		13
2N3962	S	P	F, TX, IN, IT, NS	(8C4168) BFW20	2N2605	2N3963	01
2N3962	S	P	F, TX, V, IT, NS	8FX37	2N4249		01
2N3963	S	P	F, TX, V, IT, NS	(8C4168) BFW21	2N2605	2N424E	01
2N3964	S	P	F, TX, IT, ME, SM	(8C416C) BFW22	2N2605	2N4250	01
2N3964	S	P	F, TX, ME, SG, TD	BCV67			01
2N3965	S	P	F, TX, ME, SG, TD	(8C416C) BFW23	2N2605	2N4250A	01
2N3966	J	N	TI, MU, TX, SD, PH		2N4416	2N4221	
2N3967	J	N	TI, IL, SD, BT		2N4221A	2N4222A	
2N3967	J	N	TI, IL, SD, BT		SF82337	2N4221	
2N3967A	J	N	TI, IL, BT		2N4221A	2N4222A	
2N3967A	J	N	TI, IL, BT		2N3822		
2N3968	J	N	TI, SO, BT		2N4221A	SF82338	
2N3968	J	N	TI, SO, BT		2N3821		
2N3968A	J	N	TI, IL, BT		2N4221A	2N3821	
2N3969	J	N	BT, SO, TI, IL		2N4220A	SF82338	
2N3969	J	N	BT, SO, TI, IL		2N3821		
2N3969A	J	N	TI, IL, BT		2N4220A		
2N3970	J	N	SD, NS, TI, MO, SX		2N4091		
2N3971	J	N	SD, NS, TI, MO, SX		2N4092		
2N3972	J	N	SD, MO, SX, TI, NS		2N4093		
2N3993	J	P	TX, IL, ES, MO		2N5018		
2N3993A	J	P	TX, IL		2N5018		
2N3994	J	P	TX, MO, IL		2N5019		
2N3994A	J	P	TX, MO, IL		2N5019		
2N3995	G	P	TX		2N2929	2N1195	02
2N4000	S	N	TX	185X63-61	2N5336	2N3019	14
2N4000	S	N	TX, KE, SO, SM, UP	185X63-61	2N5320		14
2N4001	S	N	TX, KE, SM, F, TW	85W66	2N5339	2N5681	14
2N4002	S	N	TX, SO, UP, SM, TW		2N3285		06
2N4004	S	P	CR, TD, TR, SO		2N3263		06
2N4008	S	P	CR, TD, TR, SO		2N2944	2N2945	10
2N4013	S	N	F, MO, TX, SM, SP	85X49	85X32		13
2N4013	S	N	F, MO, TX, SM, SP	85X48			13
2N4014	S	N	F, TI, IT, SG, TR	85X32	85X49	2N2219	13
2N4015	S	P	F, MO, SO, TD, UP	8FX11		2N3350	05
2N4016	S	P	F, MO, SO, TD, UP	8FX11		2N3360	06
2N4017	S	P	F, SG, SI, TI, UP	8FX36		2N3360	01
2N4018	S	P	F, SG, SI, TI, UP	8FX36		2N3360	01
2N4019	S	P	F, SG, SI, TI, UP	8FX36		2N3350	01
2N4020	S	P	F, SG, SI, UP, TD	8FX36			05
2N4021	S	P	F, SG, SI, UP, BT	8FX36		2N3350	06
2N4022	S	P	F, SG, SI, UP, BT	8FX36		2N3350	05
2N4023	S	P	F, SO, TD, UP, SG	8FX36		2N3350	05
2N4024	S	P	F, SO, TD, SG, SI	8FX36		2N3360	05
2N4025	S	P	F, SO, TD, SG, SI	8FX36		2N3350	05
2N4026	S	P	F, TX, SO, SG, TR	185V16-61	BFX38	2N1132	01
2N4026	S	P	F, TX, SO, SG, TR	8C160	BCW78X	2B2907	01
2N4027	S	P	F, TX, SO, SG, TR	185V17-61	BFX40	2N2906A	01
2N4027	S	P	F, TX, SO, SG, TR	185V17-61	BFX40	2N2907	01
2N4028	S	P	F, TX, SO, SG, TR	185V16-161	BFX39	2N4356	01
2N4029	S	P	F, TX, SO, SG, TR	185C17101	BFX40	2N2907	01
2N4030	S	P	IT, TX, SQ, F, NS	85V16-6	BFX38	2N4036	01
2N4030	S	P	IT, TX, SQ, F, NS	8FX39	BCW80X	2N4354	01
2N4031	S	P	F, IN, TX, ME, SM	85V17-6	BFX40	2N2905	2N4356
2N4031	S	P	F, IN, TX, ME, SM	8FX41			01
2N4031	S	P	F, IN, TX, ME, SM	8C161X			01
2N4031	S	P	F, IN, TX, ME, SM	8C161X			01
2N4032	S	P	F, IN, TX, ME, RY	85V16-16	BFX38	2N4042	01
2N4032	S	P	F, IN, TX, ME, RY	8C161X	BCW80XVI	2N4355	01
2N4033	S	P	F, IN, TX, IT, V	85V17-10	BFX40	2N2905	2N4356
2N4033	S	P	F, IN, TX, IT, V	8C161XVI			01
2N4034	S	P	F, IN, SM, SO, IT	8C161XVI	BCW80XVI		01
2N4034	S	P	F, IN, SM, SO, IT	8C161XVI	BFX48	2N3250	2N4121
2N4035	S	P	F, IN, SM, SO, SG	8C179VIIII	BFX48	2N3250	13
2N4036	S	P	PC, TX, FE, MU, PE	85V17-10	BFX23	2N5322	2N2904
2N4036	S	P	PC, TX, FE, MU, PE	85V17-10	BFX23	2N2905	10
2N4037	S	P	RC, TX, SM, SS, TI	85V16-16	BFR24	2N5323	10
2N4037	S	P	RC, TX, SM, SS, TI	85V16-16	BFR24	2N2905	10

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N4038	M	N	TW, GI			2N3796	2N4351		
2N4039	M	N	TW			2N3796	2N4351		
2N4042	S	N	SD			2N3680			05
2N4043	S	N	SD			2N3680			05
2N4044	S	N	SD, QD, St, IL, SM			2N3680			05
2N4045	S	N	SD, QD, SG, St, IL			2N3680			05
2N4046	S	N	F, IN, RV, SG, TI	(BSY34) BSX32	BFX 17	2N252	2N2218		13
2N4046	S	N	F, IN, RV, SG, TI	(BSY34)	BFX 17				13
2N4047	S	N	F, IN, IT, RV, SG			RCP113C	2N6176		13
2N4054	S	N	GE						06
2N4055	S	N	GE			RCP113B	2N6175		06
2N4056	S	N	GE			RCP113B	2N6175		06
2N4057	S	S	N GE			RCP113B	2N6175		06
2N4058	S	P	TX	BC257A	BC258XI	MPS6522	2N5086	2SA565	01
2N4058	S	P	TX	BC178	BC206	2N4248			01
2N4058	S	P	TX	BC253	BC258A				01
2N4058	S	P	TX	BC258B					01
2N4059	S	P	TX	BC257A	BC258VI	MPS6516	2N5086		01
2N4059	S	P	TX	BC308B	BC204	2N5087	2N4248		01
2N4059	S	P	TX	BC250	BC258A				01
2N4059	S	P	TX	BC258B					01
2N4060	S	P	TX	BC257A	BC258VI	MPS6516	2N5086		01
2N4060	S	P	TX	BC308VI	BC258A	2N4248			01
2N4061	S	P	TX	BC257A	BC258VI	MPS6517	2N5086		01
2N4061	S	P	TX	BC308A	BC258A	2N4248			01
2N4061	S	P	TX	BC258B					01
2N4062	S	P	TX	BC257B	BC258A	MPS6518	2N5087		01
2N4062	S	P	TX	BC308B	BC258B	2N4250	2N3439		01
2N4063	S	N	RC, SM, SQ, IC, SZ			2N3439			06
2N4064	S	N	RC, SZ, SQ, IC			2N3440			06
2N4065	M	P	GI			2N4362	2N174		
2N4070	S	N	GS, PI, SD, TR, TW			2N5631	2N3448		06
2N4070	S	N	GS, PI, SD, TR, TW			2N5038			06
2N4071	S	N	SD, TR, PI, TW, KE			2N5631	2N6249		06
2N4072	S	N	MO, SQ, TI, SM, TR			2N2863			03
2N4073	S	N	MO, SQ, TI, SM, TR			2N2863			03
2N4075	S	N	F, SQ, TW, UN, SM			2N3784	2N3996		06
2N4076	S	N	F, SQ, TW, UN, SM	BDY13X	BDY13	2N3996		25C830	06
2N4076	S	N	F, SQ, TW, UN, SM	BD124					06
2N4077	G	N	AM, PE, NS	AD161					06
2N4078	G	P	AM, PE	AD162				25B367	06
2N4079	G	N	AM, PE	AD161					06
2N4081	S	N	RC						02
2N4082	J	N	TI, IL, BT			2N4252			
2N4083	J	N	TI, IL, SD, BT			2N40B3	TD5903		
2N4083	J	N	TI, IL, SD, BT			TD5904			
2N4084	J	N	TI, IL, SD, SX, BT			MMF6	2N5545		
2N4084	J	N	TI, IL, SD, SX, BT			2N5562			
2N4085	J	N	TI, IL, SD, BT, SX			MMF6	2N5546		
2N4085	J	N	TI, IL, SD, BT, SX			2N5563			
2N4086	S	N	PH			MPS6514	TI598		01
2N4086	S	N	St, GE			2N4400	2N5135		01
2N4087	S	N	St, GE			MPS6515	TI597		01
2N4087	S	N	St, GE			2N4401	2N5135		01
2N4087A	S	N	St, GE			MPS6515	2N4401		01
2N4087A	S	N	St, GE			2N3666	2N5135		04
2N4088	J	P	TI			MPF161	2N3331		
2N4089	J	P	TI			MPF161	2N3330		
2N4090	J	P	TI			MPF161	2N3329		
2N4090A	J	P	TI						
2N4091	J	N	F, MO, TI, NS, SX			2N4391			
2N4091J	J	N							
2N4092	J	N	TI, MU, SD, TX, F			2N4392			
2N4092A	J	N	TI			2N4092	EN4392		
2N4092J	J	N				2N4092			
2N4093	J	N	TI, MU, SD, TX, F			2N4392			
2N4093A	J	N	TI			2N4093	2N4792		
2N4093J	J	N				2N4093			
2N4094	J	N	TI			2N4091	2N4856		
2N4095	J	N	TI			2N4092	2N4857		
2N4099	S	N				2N3680			05
2N4104	S	N	TX, SM	BCY65E1X		2N2484			02
2N4106	G	P	AM, PE	AC153	AC131	MPS2060		25B370A	07
2N4106	S	N		AC128	AC152				07
2N4111	S	N	ET, PP, SD, TR, UP			2N3715	2N5877		06
2N4112	S	N	ET, PP, SD, TR, UP			2N5877			06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N4113	S	N	GS, SM, SQ, TW, UP		2N5877	2N371G	06
2N4115	S	N	F, SQ, TW, UN, SM		2N3996		06
2N4116	S	N	F, SQ, TW, UP, SM	8DY13XVI	2N3996		06
2N4117	J	N	SX, IL, BT	8D124		28C830	06
2N4117					2N3367	2N411B	
2N4117A	J	N	SX, IL, BT		2N4119	TN4117	
2N4118	J	N	SX, IL, BT		2N3367	2N4117A	
2N4118A	J	N	SX, IL, BT		2N4118	2N4119	
2N4119	J	N	SX, IL, BT		2N3367	TN4118A	
2N4119A	J	N	SX, IL, BT		2N3368	2N4139	
2N4120	M	U			TN4119		
2N4121	S	P	F, ME, RY, SS, TI	(8C416A)	2N3368	TN4419A	
				8FX48	2N4119		
2N4122	S	P	F, 1D, NS, TI, SG	(8C416B)	2N3368	2N4423	02
2N4123	S	N	F, MO, CA, ME, TX	(8C413A)	2N3368		
2N4124	S	N	F, MO, CA, ME, TX	(8C413B)	2N4352	TN4419A	
2N4125	S	P	F, MO, TX, CA, NS	(8C415A)	2N3905	3N174	
2N4126	S	P	F, MO, CA, NS, TX	(8C415B)	2N4061	2N4423	
2N4130	S	N	MO, KE, SM, SO		2N3055		06
2N4134	S	N	F, SM, SQ, ET, SG	8FX19			02
2N4135	S	N	F, SM, SQ, ET, SG	8FX19			06
2N4137	S	N	F, RY, SO, CA, SM	(8S783)			16
2N4137				8FX34	8SX28	2N4275	16
2N4138	S	N	TX, SQ, CR, TR	8FX34			12
2N4139	J	N	TI, IL, ME, BT		2N2432		
2N4139					2N3436	2N3458	
2N4140	S	N	GI, CN, ET, NY, RY		2N4222		
2N4141	S	N	GI, CN, ET, RY, TI		2N4400		02
2N4142	S	P	GI, CN, ME, RY, TI		2N4401		02
2N4143	S	P	GI, CN, ME, RY, TI				
2N4150	S	N	CN, UN, PI, SO, SM		2N4402		02
2N4207	S	P	F, NS, CA		2N4403		02
2N4208	S	P	F, NS, CA		2N3421	2N5337	06
2N4209	S	P	F, NS, TI, CA		2N4257		13
2N4210	S	N	TR, KE, SQ, TW, GX		2N4258		13
2N4211	S	N	TR, KE, SQ, GX, SM		2N4258		13
2N4220	J	N	MO, F, SX, TX, ML		2N4002	2N3266	06
2N4220A	J	N	MO, F, SX, TX, ML		2N4220A	2N5359	
2N4221	J	N	MO, F, SX, TX, ML		2N5359		
2N4221A	J	N	MO, F, SX, TX, NS		2N4221A	2N5362	
2N4222	J	N	MO, F, SX, TX, S ₄	8C264	2N5362		
2N4222A	J	N	MO, F, SX, TX, S ₄		2N4222A	2N5363	
2N4223	J	N	MO, NS, TX, SX, TI		2N5363		
2N4224	J	N	TI, SX, TX, NS, F		2N4274	2N3873	
2N4226	S	N	SD, PP, SQ, KE, SM		2N4223	2N3823	
2N4227	S	N	GI, ET, NU, TI, BT		2N5334		06
2N4231	S	N	MO, F, SM, TR, TW		2N4400		10
2N4231					2N6374	2N3054	06
2N4232	S	N	MO, F, SM, TR, TW		2N6260		06
2N4233	S	N	MO, F, SM, TR, TW		2N6373	2N3054	06
2N4233					2N6372	(2N3054)	06
2N4234	S	P	MO, F, SQ, SM, SO	8SV15-10	2N6261		06
2N4235	S	P	MO, F, SM, SQ, ES	8SV16-10	2N5783	2N4235	16
					2N5782	2N5333	16
2N4235					2N5781		16
2N4236	S	P	MO, F, SM, SQ, ES	8SV17-10	2N5781	2N5333	16
2N4237	S	N	MO, F, SQ, SG, KE	8SX45-10	2N5786		06
2N4238	S	N	MO, F, SQ, SG, KE	8SX46-10	8FX34	2N5784	06
2N4239	S	N	MO, F, SM, HS, KE	8SX47-10	8FX34		06
2N4240	S	N	RC, TX, TR, UN	(8U778)	2N5784		06
2N4241	G	P	AM, SD, MN	(AU7211V)	5E9331		06
2N4242	G	P	SD		T13027		06
2N4243	G	P	SD		T13027	T13028	06
2N4244	G	P	SD		T13027	T13028	06
2N4245	G	P	SD		T13027	T13028	06
2N4246	G	P	SD		T13027	T13028	06
2N4247	G	P	SD		T13027	T13028	06
2N4248	S	P	F, CA, ME, RY, SS	8C416C	2N4058	2N5086	01
2N4248					PN4248 18		01
2N4249	S	P	F, CA, ME, RY, SS	(8C417B)	2N4058	2N5086	01
2N4249					PN4249-18		01
2N4250	S	P	F, CA, ME, RY, SS	8C418C	2N4058	2N5087	01
2N4250					PN4250 18		01
2N4250A	S	N	F, TI	(8C418C)	PN4250A		01
						28A878	

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N4253	S	N	TX, SQ, ET			2N4252			02
2N4254	S	N	TX			2N4996	MPS6547		01
2N4254						2N4770	SE3005		01
2N4255	S	N	TX			2N4997	MPS6547		01
2N4255						2N5770	SE3005		01
2N4256	S	N	GE, IO	BC1678		2N3904	2N5772		01
2N4256						2N4274			01
2N4257	S	P	F, NS, RY, CA			PN4258-18			13
2N4258	S	P	F, ES, RT, CA, NS			PN4258-18			13
2N4258A	S	P	F, NS, CA			PN4258A-18			13
2N4259	S	N	SM			2N4252			13
2N4260	S	P	MO, HS, TI, F, RY			2N4281			13
2N4261	S	P	MO, HS, TI, F, RY			2N4280			13
2N4264	S	N	F, MO, BT	BSY63	BC238A	2N4275			10
2N4265	S	N	F, MO, BT	BSY63	BC238A	2N4274			13
2N4267	M	P	IL			SF84689	2N4352		
2N4268	M	P	IL			SF84670	MFE3003		
2N4269	S	N	TR			2N2243A			01
2N4271	S	N	TR, SQ			2N5682			06
2N4272	S	N	TR, SQ			2N5682			06
2N4274	S	N	F, TX, CA, NP, RY	(BSY62)	BSX90	2N4419	PN4274-18		13
2N4275	S	N	F, TX, NP, RY, TI	(BSY63)		2N4418	PN4275-18		13
2N4276	G	P	MO			2N4277			06
2N4277	S	P	MO			2N4279			06
2N4278	G	P	MO			2N4279			06
2N4279	G	P	MO			2N4281			06
2N4280	G	P	MO			2N4281			06
2N4281	G	P	MO			2N4283			06
2N4282	G	P	MO			2N4283			06
2N4283	G	P	MO			2N4282			06
2N4284	S	P	NS			2N2944	2N2945		01
2N4285	S	P	NS			2N4080			01
2N4286	S	N	SS, UP, NS	BC167	BC168	MPS6515	T1598	25C458	01
2N4286				BC238C	BC207				01
2N4286				BC171	BC168A				01
2N4287	S	N	NS, SS, UP	BC167A	BC277	MPS6566	T1598	25C458	01
2N4287				BC237	BC207				01
2N4287				BC171					01
2N4288	S	P	NS, SS, UP	BC258A	BC178B	MPS6518		25C565	01
2N4288				BC213	BC205				01
2N4288				BC262					01
2N4289	S	P	NS, SS, UP	BC257A	BC1778	2N5086		25A565	01
2N4289				BC177	BC307B				01
2N4290	S	P	NS, UP, SS	(BC328-16)	BC124	2N5447	MPS6539		01
2N4290				BC206					01
2N4291	S	P	NS, SS, UP	(BC327-16)	BC179	2N5447	MPS6534		01
2N4291				BC214	BC206				01
2N4291				BC263					01
2N4292	S	N	NS	(BF X80)	BF X59	2N1132	MPS6518		01
2N4292				BC184	BC209	T1562			01
2N4292				BC173	BF X62				01
2N4292				BC239					01
2N4293	S	N	NS	BF X89	BC179	T1562	MPS6518		01
2N4293				BC184	BC209				01
2N4293				BC173	BC139				01
2N4294	S	N	BT, UP, SS, NS			2N4264			13
2N4295	S	N	BT, SS, NS			2N4264			13
2N4296	S	N	BT, SQ, SM			SE9331			16
2N4300	S	N	TX, SM, SQ, UN, KE	1BSX63-61		2N5336			06
2N4302	J	N	TI, IL, SO, BT, NS			2N5953	E102		
2N4302									
2N4302	J	N	TI, IL, NS, BT			2N5337	2N5457		
2N4303						2N5952	IT108		
2N4303						2N5457			
2N4304	J	N	TI, NS, BT			2N5951	E100		
2N4305	S	N	TW, SM, TR, KE, SO			2N4895			06
2N4307	S	N	TW, SM, TR, KE, SO			2N4895	2N5357		06
2N4309	S	N	TW, SM, TR, KE, SO			2N4897	2N5337		06
2N4311	S	N	TW, SM, TR, KE, SO			2N4897	2N5337		06
2N4313	S	P	F, MS			2N4423			12
2N4314	S	P	RC, SM, SO, ES	BSV17 10		2N5372			06
2N4338	J	N	SX, NS, TO, TI, IL			2N3460	TN4398		
2N4338						2N4220A			
2N4339	J	N	SX, NS, TO, IL, SO			SF85481	TN4339		
2N4339						2N4220A			
2N4340	J	N	SX, IL, NS, TO, BT			2N3459	TN4340		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N4340					2N4220A	2N4221A	
2N4341	J	N	SX, IL, NS, BT, TD		2N4348	TN4341	
2N4342	J	P	F, MO, SO, IL		2N4343	2N3994	
2N4343	J	P	F, MO, IL		P1118E		
2N4343					2N4360	2N3993	
2N4344							
2N4346	G	N	RC	(AU722111)	P1117E	2N4342	
2N4347	S	N	RC, ML, PH, AM, Et	BDX12			06
2N4348	S	N	AT, RC, Ss, ML, PP	(BUV58)	2N5630		06
2N4350	S	N	CN, SO, SM		2N4349		06
2N4351	M	N	MO, IL, CN		2N4416	2N4416A	
2N4351					2N4381		
2N4353	M	P	GI, SO, IL		SF84379	2N4160	
2N4354	S	P	F, CA, NS, SS, CN	BFX39	PN4356-5		01
2N4355	S	P	F, CA, NS, SS, CN	BFX38	BSV16-6		01
2N4356	S	P	F, CA, NS, CN, ME	BFX41	BSV17-6	PN4356-6	01
2N4357	S	P	CN, SG, F	BFX90		2N2605	01
2N4357						2N3494	01
2N4358	S	P	CN, F, SG	BFX90		2N2606	01
2N4358						2N4889	01
2N4359	S	P	F, MO, SO, SO, IT	BFX37	BC4168	2N2448	01
2N4360	J	P	F, MO, SO, IL			2N4343	
2N4381	J	P	F, IL			SF8130	
2N4381						2N2609	
2N4382	J	P	F, IL			2N3330	
2N4382						SF8131	
2N4382						2N2608	
2N4384	S	N	TX, SP, ID, TR, FR	BC337-40		2N3994	
2N4386	S	N	TX, SP, ID, TR, FR	BC337-40			
2N4387	S	P	TR, SO		2N5956	2N4898	02
2N4388	S	P	TR, SO, CN		2N5955	2N4899	02
2N4388							
2N4390	S	N	TX, AT, SM	BFR25	(BF4571)	P1069E	10
2N4391	J	N	SD, F, MU, NS, SX			2N5068	
2N4392	J	N	V, TX, SX, NS, SO			2N4091	
2N4393	J	N	SD, MU, NS, SX, TX	BSV68		2N3971	
2N4393						2N3972	
2N4395	S	N	CN, SM, SO, TR, TW			2N3715	06
2N4396	S	N	CN, SM, SO, TR, TW			2N3715	06
2N4397	S	N	RC			2N4252	05
2N4398	S	P	MO, F, SO, TX, CN			2N4398	06
2N4399	S	P	TX, SO, CN, F, MO				06
2N4400	S	N	F, MO, NS, BT	(BC74-16)		2N5449	13
2N4401	S	N	F, MO, BT, NS	(BC74-16)		2N5449	13
2N4402	S	P	F, MO, BT, NS	(BC76-16)	BC307V1	2N2904	13
2N4402						EN2907	13
2N4403	S	P	F, MO, NS	(BC76-16)	BC307A	2N2904	13
2N4404	S	P	MO, SO, TI, SM, TR	BSV17-6		2N1893	01
2N4405	S	P	MO, SO, TI, SM, TR	BSV17-10		2N2405	01
2N4406	S	P	MO, SO, TI, SM, TR	(BSV17-6)			01
2N4407	S	P	MO, SO, TI, SM, TR	(NSV17-10)			01
2N4409	S	N	F, MO, BT	(BF4571)		2N5830	10
2N4410	S	N	F, MO, BT	(BF4571)		2N5830	10
2N4416	J	N	SO, F, NU, SX, TX			2N5398	10
2N4416A	J	N	SX, TX, SD, NS, F			2N4416	10
2N4417	J	N	SO			2N4416	10
2N4418	S	N	IT			2N4264	10
2N4418							
2N4418	S	N	IT			2N4275	10
2N4419	S	N	IT			2N4264	10
2N4419						2N4274	10
2N4420	S	N	IT			MPS3646	10
2N4420						2N3646	10
2N4421	S	N	IT			MPS3646	10
2N4421						2N3646	10
2N4422	S	N	IT			MPS3646	10
2N4423	S	N	NS			2N4421	10
2N4423						EN2694A	10
2N4424	S	N	GE, SP, ID, UP, Ss	(BC337-26)	BC337	MPS3711	10
2N4424						2N4946	10
2N4425	S	N	GE, ID, SP, UP, Ss	(BC337-26)	BC337		10
2N4427	S	N	MO, PH, TX, RC, FE	(BFX55)			06
2N4428	S	N	F, MO, TX, SV, TW	(BFW16A)	BF X55		06
2N4432	S	N	LI, TX	BFW34	BS X45		02
2N4432				(BCY59V11)			02
2N4436	S	N	F, CA, RY, CN, NU	(BCX73-16)		2N5449	03
2N4437	S	N	F, CN, RY, CA, NU	(BCX73-16)		2N5449	03
2N4438	S	N	ET, SM			2N3439	01

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N4439	S	N	SM		2N3439		01
2N4440	J	N	RC, TI, SV, RV, KE	(8LY23)	2N3632		06
2N4445	S	N	CR, TX, IL		MFE2012	SFC1783	
2N4445	J	M	CR, TX, IL		2N5432		
2N4446	J	M	CR, TX, IL		MFE2012	SFC1784	
2N4446	J	N	CR, TX, IL		2N5433		
2N4447	J	N	CR, TX, IL		MFE2012	SFC1785	
2N4448	J	N	CR, TX, IL		2N5433		
2N4449	S	N	F, SG		2N4275		13
2N4450	S	N	F	BFX95	2N3568		13
2N4451	S	P	F		2N4313		10
2N4452	S	P	F, SM		2N3638		10
2N4453	S	P	F		2N4313		10
2N4572	S	P			2N4258		
2N4573	S	N			2N4275		
2N4576	S	N			2N3716		
2N4856	J	N	TX, F, MO, NS, SX		2N4091		03
2N4856A	J	N	TX, MO, IL, NS, SD		2N4091		
2N4856J	J	N			2N4856		
2N4857	J	N	TX, F, MO, NS, SX		2N4092		
2N4857A	J	N	TX, MO, IL, NS, SD		2N4092		
2N4857J	J	N			2N4857		
2N4858	J	N	TX, F, MO, NS, SX		2N4093		
2N4858A	J	N	TX, MO, IL, NS, SD		2N4093		
2N4858J	J	N			2N4858		
2N4859	J	N	TX, IL, MU, F, MO		2N4091		
2N4859A	J	N	TX, MO, IL, NS, SD		2N4091		
2N4859J	J	N			2N4859		
2N4860	J	N	TX, MO, NS, SX, MU		2N4092		
2N4860A	J	N	TX, MO, IL, NS, SD		2N4092		
2N4860J	J	N			2N4860		
2N4861	J	N	TX, MO, NS, SX, IL		2N4093		
2N4861A	J	N	TX, MO, SX, IL, NS		2N4093		
2N4861J	J	N			2N4861		
2N4862	S	N	CN, PI, TR, KE, SD		2N5339		06
2N4863	S	N	PI, SD, TR, GX, CN		2N5682		06
2N4867	J	N	SX, IL, TI, BT, TX		2N4220A	2N5391	
2N4867A	J	N	SX, IL, TX, TI, BT		2N4220A	2N5391	
2N4868	J	N	SX, IL, TI, BT, TX		2N4220A	2N5392	
2N4868A	J	N	SX, IL, TX, TI, BT		2N4220A	2N5392	
2N4869	J	N	SX, IL, TI, BT, TX		2N4221A	2N4222A	
2N4869	J	N	SX, IL, TX, BT, SD		2N5395		
2N4869A	J	N	SX, IL, TX, BT, SD		2N4221A	2N4222A	
2N4869A	S	P	F	BFY64	2N5395		13
2N4872	S	N	F, TR, SM			2SC8-9	13
2N4873	S	N	TX, SM, RY		2N4875		02
2N4874	S	N	TX, SM, RY		2N4875		02
2N4875	S	N	TX, SM, RY				
2N4877	S	N	MO, SM, F, SO, TR		2N4239		06
2N4881	S	N	TI, TX, BT		2N3385	2N5543	
2N4882	J	N	TI, TX, BT		2N3385	2N5543	
2N4883	J	N	TI, TX, BT		2N3385	2N5544	
2N4884	J	N	TI, TX, BT		2N3385	2N5544	
2N4885	J	N	TI, TX, BT		2N3385	2N5544	
2N4886	J	N	TI, TX, BT		2N3385	2N5544	
2N4890	S	P	TX, MO, SE, ML, TR	8CW80-16	2N4037		10
2N4890	S	P	F, SM, SD, TW, KE	BSV 16			10
2N4895	S	N	F, SM, SD, TW, KE	8FX34	2N5336		10
2N4896	S	N	F, KE, SG, SQ, TW	8FX34	2N5337		16
2N4897	S	N	F, SM, SD, TW, KE	8FX34	2N5338		16
2N4898	S	P	MO, F, SD, SS, TR	8DX27-6	2N5954	2N5956	06
2N4899	S	P	F, MO, SD, SS, TR	8DX28-6	2N5955		06
2N4900	S	P	MO, F, SO, TR, CN	8DX29-6	2N5956	2N5954	06
2N4901	S	P	TX, MO, SE, F, ML	(8DX27-6)	2N6469	2N6246	06
2N4902	S	P	F, MO, TX, ML, SO	(8DX28-6)	2N6346		06
2N4903	S	P	F, MO, TX, ML, SO	(8DX29-6)	2N6247		06
2N4904	S	P	TX, MO, SE, F, ML	(8DX27-6)	2N6469	2N6246	06
2N4905	S	P	F, MO, TX, S ₄ , ML	(8DX28-6)	2N6246		06
2N4906	S	P	F, MO, TX, ML, S ₄	(8DX29-6)	2N6247		06
2N4907	S	P	F, SD		2N3791	2N6246	06
2N4907	S	P	F, SD		2N4909		06
2N4908	S	P	F, SO		2N3791	2N5875	06
2N4908	S	P	F, SO		2N6246		06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N4909	S	P	F, SQ		2N3790	2N5876	06
2N4909					2N6247	2N5745	06
2N4910	S	N	MO, F, SM, TR, TW		2N6374	2N6470	06
2N4910					(2N3054)	2N6250	06
2N4910					2N4911		06
2N4911	S	N	MO, F, SM, TR, TW		2N6373	2N6471	06
2N4911					2N3054	2N4912	06
2N4912	S	N	MO, F, SM, TR, TW		2N6372	(2N3054)	06
2N4912					2N6261	2N4911	06
2N4913	S	N	TX, MO, F, SM, SQ	(8UY55)	2N6470	2N6253	06
2N4914	S	N	TX, MO, F, SM, PP	(8UY55)	2N6472	2N3055	06
2N4915	S	N	TX, MO, F, PP, SM	(8UY55)	2N6472	2N6254	06
2N4916	S	P	F, NS, SG, CA, RY	(8C415A)	BFX48		13
2N4917	S	P	F, CA, RY, TI, SG	(8C415B)	BFX48		13
2N4918	S	P	MO, UP, NP	8D240	8D438	TIP30	06
2N4918				8D132		SDC445	06
2N4919	S	P	MO, NP, UP	8D240A	8D440	TIP30A	06
2N4919				8D138		SDC445	06
2N4920	S	P	MO, UP, NP	8D240B	8D442	TIP30B	06
2N4920				8D140		TIP30A	06
2N4921	S	N	MO, NP, UP	8D239	8D437	TIP29	06
2N4921				8D131		SDC345	06
2N4922	S	N	MO, UP, NP	8D239A	8D439	TIP29A	06
2N4922				8D137		SDC345	06
2N4923	S	N	MO, NP, UP	8D239B	8D441	TIP29B	06
2N4923				8D139		TIP29A	06
2N4924	S	N	MO, SM, TR, UP, HS	(BF457)		2N6123	06
2N4925	S	N	MO, SQ, UP, HS, TR	(BF467)		SDE345	02
2N4926	S	N	MO, F, SZ, TR, TX	8F258	(8F458)	2N3440	02
2N4927	S	N	MO, F, SZ, TR, ET	8F258	(8F458)	2N3440	02
2N4928	S	P	TX, MO, TR, SM	8FT28			01
2N4929	S	P	MO, SQ, TR, SM	8FT28A		2N5415	01
2N4930	S	P	MO, IC, SQ, TR, SZ	8FT28B		2N5415	01
2N4931	S	P	IC, SM, SQ, TR, MO	8FT28C		2N5415	01
2N4934	S	N	NS	NS		2N4252	02
2N4935	S	N	NS	NS		2N4252	02
2N4938	S	N	F, CA, NP, TI, CN	(8SX45-6)		2N4252	01
2N4944	S	N	F, NP, TI, CN, RY	(8SX46-6)			01
2N4945	S	N	F, ET, RY, TI, CN	(8SX45-6)		2N5449	01
2N4946	S	N	F, ET, RY, TI, CN	(8SX45-6)			01
2N4951	S	N	SP, GE, ML, TR, CN	8C337		2N3705	01
2N4951						2N4400	01
2N4952	S	N	SP, S4, CN, GE, ML	8C337		2N3704	01
2N4952						2N4401	01
2N4953	S	N	SP, S4, GE, ML, TR	8C337		2N4401	01
2N4954	S	N	SP, S4, GE, ML, TR	8C338		2N5449	01
2N4954						2N4401	01
2N4960	S	N	F, TR, SQ	8SX46-10		SE6020	01
2N4961	S	N	F, SO, TR, CN	8SX47-10		SE6021	01
2N4962	S	N	F, SO, TR, CN	(8SX46-10)		SE6022	01
2N4963	S	N	F, TR, SQ	(8SX47-10)		SE6023	01
2N4964	S	P	RY, CN, F, NP, TI			2N4050	01
2N4965	S	P	RY, CN, F, NP, TI			2N4058	01
2N4966	S	N	BT, CN, F, NP, RY			T1599	01
2N4967	S	N	CN, F, BT, RY, NS			T1599	01
2N4968	S	N	BT, CA, CN, F, NP			T1599	01
2N4976	S	N	TW			2N4875	03
2N4977	J	N	TI, TX			MFE2009	
2N4977						2N5433	
2N4978	J	N	TI, TX			MFE2008	SF84381
2N4978						2N5433	
2N4979	J	N	T1, ES, TX, BT, IL			MFE2007	SF84382
2N4979						2N4860	
2N4994	S	N	GE, TX, GE, CN	(8C237A)		MPS3693	2N3903
2N4994						2N3693	2N3903
2N4995	S	N	GE, TX, CN	(8C237B)		MPS3694	2N3904
2N4995						2N3694	EN3904
2N4996	S	N	TX, CN			2N5770	SE3002
2N4997	S	N	TX, CN			2N5770	SE3002
2N4997						SE3005	
2N5002	S	N	F, PP, SQ, TX, KE			2N5347	
2N5003	S	P	F, PP, SQ, TX, KE			2N6188	
2N5004	S	N	F, PP, SQ, TR, TX			2N5348	
2N5005	S	P	F, PP, SQ, TX, KE			2N6187	
2N5018	J	P	TI, TX, IL			2N3993	TP5114

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N5019	J	P	TI, TX, IL		2N3993	TP5116	
2N5020	J	P	F, SG, IL		MFE4007	SF87459	
2N5020					2N2843		
2N5021	J	P	F, IL		MFE4009	SF87460	
2N5021					2N2608		
2N5022	S	P	F, RY, SI, TI, IT		2N2386		13
2N5023	S	P	F, RY, SI, TI, IT		2N2386		13
2N5027	S	N	CN, ID		2N5769	2N3646	10
2N5028	S	N	CN, ID		2N5769	2N3646	10
2N5029	S	N	NS		2N5772	2N4275	
2N5030	S	N	NS		2N5772	2N4274	
2N5031	S	N	MO, KM	(BFR15)	2N3883	2N5032	02
2N5032	S	N	MO, KM	(BFR15)	2N3683	2N5031	02
2N5033	L	P	F, IL, CN		2N5460	2N5265	
2N5033					2N5266	A1T5480	
2N5033					P1089E		
2N5034	S	N	RC		2N3055	TIP33	06
2N5034					2N5877		06
2N5035	S	N	RC		2N3055	TIP33	06
2N5035					2N5877		06
2N5038	S	N	RC		TIP33		05
2N5038					2N5877		05
2N5037	S	N	RC	BD181	TIP33A		05
2N5038	S	N	RC, TX, PP, F, W	(BUY57)	2N5038		1B
2N5039	S	N	RC, TX, PP, F, W	(BUY57)	2N5039		1B
2N5040	S	P	F, NP, SS, CN	BSV15-6		2N5041	01
2N5041	S	P	F, SS, CN	BSV15-10	BF545		01
2N5042	S	P	F, SS, CN	BS/15-10			01
2N5043	G	P	TX	(AF Y42)			01
2N5044	G	P	TX	(AF Y42)			01
2N5045	S	N	TX, IL, TI, BT, SD		2N3956		
2N5046	J	N	TX, SD, TI, IL		2N3958		
2N5047	J	N	TX, SD, TI, IL		2N3958		
2N5050	S	N	MO, TR, SQ	BDX25-6	2N3584		05
2N5051	S	N	MO, TR, SQ	(BDX25-6)	2N3584		05
2N5052	S	N	MO, TR, SQ	BDX25-6)	BD400		
2N5053	S	N	AM, PE		SE9331	2N3584	06
2N5054	S	N	AM, SQ, SM		2N918		02
2N5055	S	P	F, NS, CN		2N918		02
2N5056	S	P	F, IT, NS, CN		2N3829	2N4213	13
2N5056	S	P	F, IT, NS, CN		2N3829	2N4213	13
2N5057	S	P	F, IT, NS, CN		2N3829		13
2N5058	S	N	F, TX, TR, SQ	BF259	(BF459)	EN2894A	01
2N5059	S	N	F, TX, SZ, TR, SQ	BF258	(BF458)	2N3439	01
2N5065	S	N	F, SG	(BSY628)	2N5059	2N3440	13
2N5066	S	N	CR		2N2432		12
2N5067	S	N	TX, MO, F, SF, PP	(BUY55)	2N6470	2N6254	06
2N5068	S	N	TX, MO, F, PP, SF	(BUY55)	2N6472		06
2N5069	S	N	TX, MO, F, SF, PP	(BUY55)	2N6472	2N6254	06
2N5072	S	N	L, TW, SQ	BLV40			03
2N5073	S	N	LI, SQ, TR, SM	BFW36	BF456	2N5682	02
2N5078	S	N	TI, IL, SD, TD, BT		SF84385	2N4416	16
2N5083	S	P	F, SO, TW, SM, TR		2N3055		01
2N5086	S	P	F, MO, BT	BC4169	BC257A	2N4249	25A565
2N5086				BC177	BC307A		81
2N5087	S	P	F, MO, BT	BC418C	BC759A	2N4249	81
2N5087				BC179	BC2598		81
2N5088	S	N	F, MO, BT	BC413C	BC169C	SE4071	81
2N5088				BC2378			81
2N5089	S	N	F, MO, CN, BT	BC413C	BC169C	SE4071	81
2N5089				BC239C			01
2N5091	S	P	IC, SM, SZ, CN		2N5416		81
2N5092	S	N	IC, SM, SO, CN, SZ		2N3439		81
2N5103	S	N	BT, IL, SO, TI, ES		SF84547	2N3823	
2N5104	J	N	BT, NS, TI, IL, SO		SF84548	2N3823	
2N5105	J	N	BT, NS, TI, IL, SO		SF84549	2N3823	
2N5106	S	N	F, TR	(BSY34)	2N5399	2N4945	01
2N5107	S	N	F, CN, TR	(BSX49)	2N5399	2N4945	01
2N5109	S	N	MO, RC, SV, TD, RY	(BF X55)			03
2N5110	S	P	SZ, TR, CR		2N5783	2N4234	36
2N5111	S	P	SZ, TR, CR		2N4236		86
2N5112	S	P	SZ, CR		2N4234		06
2N5113	S	P	SZ, CR		2N4236		06
2N5114	J	N	SD, NS, SX, IL		2N3993	TP5114	
2N5115	J	P	SD, NS, SX, IL		2N3993	TP5115	
2N5116	J	P	SD, NS, SX, IL		2N3993	SF86046	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N5116					TP5116		
2N5126	S	N	F, CN, ME, SG, St	(BF196)	T1598		01
2N5127	S	N	F, CN, NU, RY, St	(BFX89)	T1598		01
2N5128	S	N	F, CN, ME, RY, TI	(BSY58)	PN5128-18	2N5451	01
2N5129	S	N	F, AT, CN, NU, NS	(BSX48)	2N5451		01
2N5130	S	N	F, CN, NU, RY, SS	(BFX89)	PN5130-18	2N5450	01
2N5131	S	N	F, CN, BT, CA, St	(BC413B)	2N5451		01
2N5132	S	N	F, CN, CA, SG, RY	(BC413B)	2N5451		01
2N5133	S	N	F, CA, BT, NU, TI	9C413C	PN5133-18	2N5449	01
2N5134	S	N	F, CN, CA, ME, NU	(BSY17)	PN5134-18	2N4422	13
2N5135	S	N	F, CA, NP, NS, SG	(BC337-25)	PN5135-5		01
2N5136	S	N	F, CA, NU, NS, SG	(BC338-16)	PN5136-5		01
2N5137	S	N	F, CA, ME, NS, SS	9C338-16			01
2N5138	S	P	F, CN, ME, SG, St	9C413C	PN5138 18	2N4061	01
2N5139	S	P	F, BT, CA, NS, SG	(BC308A)	2N3250		13
2N5140	S	P	F, NS, St, CN		2N3250		13
2N5141	S	P	F, RY, CN		2N3829		13
2N5142	S	P	F, CN, NS, SG, TI	(BCW79-16)	PN5142-5	2N3829	13
2N5143	S	P	F, CN, NU, RY, TI	(BCW75-16)	2N3829		13
2N5544	S	N	F, SG	(BSX49)			13
2N5145	S	N	F, SG	(BSY34)			13
2N5147	S	P	F, SD, TR, TX, PP		2N4031	2N5679	06
2N5148	S	N	F, TX, GX, PP, SD	(BSX63-6)	BSX63	2N5336	06
2N5148	S	N	F, TX, GX, PP, SD	BSW10	BSW95	2N5681	06
2N5149	S	P	F, PP, SD, TX, CN		2N4033	2N5679	06
2N5150	S	N	F, TX, GX, PP, SD	(BSX63-10)	2N5336	2N3019	06
2N5180	S	N	F, TX, GX, PP, SD		2N5681		06
2N5151	S	P	F, PP, TR, TX, KE		2N4031		06
2N5152	S	N	F, ES, KE, SM, SO	BSX63	BSW10	2N5337	06
2N5152	S	N	F, ES, KE, SM, SO	BSW95		2N5336	06
2N5153	S	P	F, PP, TR, TX, KE		2N4033		06
2N5154	S	N	F, ES, KE, TW, TX		2N3019	2N5337	06
2N5157	S	N	MO, TX, DD, SU, CN	(BUY79)	F423	2N5840	16
2N5158	J	N	CR		MFE2012		
2N5159	J	N	CR		MFE2012		
2N5163	J	N	BT, NS, Fl, UP, IL		MPF102	2N5246	
2N5163	J	N	BT, NS, Fl, UP, IL		2N4300		
2N5172	S	N	GE, SP, TT, CN	BC167B	BC237A	2N4400	2N5135
2N5174	S	N	GE, CN	(BF457)			01
2N5175	S	N	GE, CN	(BF457)			01
2N5176	S	N	GE	(BF457)			01
2N5179	S	N	MO, RC, TI, SM	(BF555)			02
2N5180	S	N	RC, ES, SM	(BFY90)			02
2N5189	S	N	RC, TX, NS, AT, SM	85Y34	BSX45	2N3053	13
2N5189	S	N	RC, TX, NS, AT, SM	85S13			13
2N5190	S	N	MO, NP	8D221	8D241	TIP31	2N6121
2N5190	S	N	MO, NP	8D437		SDF345	45190
2N5191	S	N	MO, UP, NP	8D241A	8D439	TIP31A	2N6122
2N5191	S	N	MO, UP, NP			SOG345	45191
2N5192	S	N	MO, UP, NP	8D241B	8D441	TIP31A	2N6123
2N5192	S	N	MO, UP, NP			SDH345	4592
2N5193	S	P	MO, UP, NP	8D242	8D438	TIP32	2N6124
2N5193	S	P	MO, UP, NP			SDF445	45193
2N5194	S	P	MO, UP, ND	8D242A	8D440	TIP32A	2N6125
2N5194	S	P	MO, UP, ND			SOG445	45194
2N5195	S	P	MO, UP, NP	8D242B	8D442	TIP32A	2N6126
2N5195	S	P	MO, UP, NP			SDN445	45195
2N5196	J	N	SX, SD, TI, UP, IL			MMF5	SF85588
2N5196	J	N	SX, SD, TI, IL, TX			S420988	
2N5197	J	N	SX, SD, TI, IL, TX			MMF5	2N5545
2N5198	J	N	SX, SD, TI, IL, TX			MMF5	2N5546
2N5199	J	N	SX, SD, TX, TI, IL			MMF5	2N5547
2N5202	S	N	CN, RC, SO, TW, W	8DX75-6		2N5874	
2N5203	S	N	L	8FW35	BSX45		16
2N5208	S	P	MO			2N3905	2N3906
2N5208	S	P	MO			2N4916	
2N5208	S	N	F, MO, BT	8C414B	BC237	SE4010	02
2N5208	S	N	F, MO, BT	8C237A	BC237B		01
2N5208	S	N	F, MO, BT	8C237C			01
2N5210	S	N	F, MO	8C414C	BC237C	SE4010	01
2N5210	S	N	F, MO	8C237B			01
2N5219	S	N	F, MO, UP, BT	8C238B	8C237	EN4124	01
2N5219	S	N	F, MO, UP, BT	8C239	BC238		01
2N5219	S	N	F, MO, UP, BT	8C3861	BC238C		01
2N5220	S	N	F, MO, BT, UP, AT	8C338-16	BC338	2N5131	01

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N5220				BC386L					01
2N5221	S	N	F, MO, UP, BT	BC328-16	BC338	2N5143			01
2N5221	S	N	MO, UP	BC224		2N5770			01
2N5222	S	N	F, MO, UP, BT	BF254	BF224	EN4124	2N3563		01
2N5223	S	N	F, MO, UP, BT	BC238C	BC2398				01
2N5224	S	N	F, MO, UP, BT	B5X48		2N4274			13
2N5225	S	N	F, MO, UB, TU, P	BC338-25	BC338XVI	2N3568			01
2N5225	S	N	F, MO, UP, BT	BC338	BC358L				01
2N5226	S	P	F, MO, UP, BT	BC328-26	BC181	2N3638	2N3638A		01
2N5227	S	P	F, MO, BT, UP	BC415C	BC224	EN4126			01
2N5228	S	P	F, MO, UP, BT	B5S22		2N3639			13
2N5232	S	N	GE, ID, SP, CN	(BC1678)		2N5961	2N3565		01
2N5232A	S	N	GE, ID, SP, CN	(BC4148)	BC167A				
2N5236	S	N	F, SG, SO, SM			2N3564			02
2N5237	S	N	SD, GX, PI, SO, TW			2N5237			13
2N5239	S	N	RC, SF, SU, SM	BUY77		2N6250			06
2N5240	S	N	RC, SU, SF, SM	BUY78	BDY97	FT411			06
2N5241	S	N	TX, MO, DD, SO, SU	BUY18C	(BUY79)	2N5805			16
2N5244	S	P	F, SG, IT			2N4922			16
2N5246	J	N	TX, IL, TI, BT, NS			2N5486			
2N5246	J	N	TX, IL, BT, NS			2N5484			
2N5247	J	N	TX, NS, IL			2N5486			
2N5248	J	N	TX, NS			MPF102	2N5486		
2N5249	S	N	GE, CN	BC167C	BC167B	2N5961	2N3565		01
2N5249A	S	N	GE, CN	(BC414C)		SE4020			01
2N5254	S	P	CN, IL			T1551			04
2N5262	S	N	RC, TX, SM, AT	(B5Y34)	BFX34	2N5266			13
2N5262	S	N	RC, TX, SM, AT	B5S14					13
2N5264	S	N	F, SM, TR, SO	(BUY72)		2N5610	2N5804		16
2N5265	J	P	MO, IL			2N2608			
2N5266	J	P	MO, IL			2N2608			
2N5267	J	P	MO, IL			2N2609			
2N5268	J	P	MO, IL			2N2609			
2N5269	J	P	MO, IL			2N2609			
2N5270	J	P	MO, IL			2N2609			
2N5277	S	N	TI, TX, BT			2N3622	SFB9221		
2N5277	S	N	TI, TX, BT			U1715			
2N5278	J	N	TI, TX, BT			2N5364	SFB9222		
2N5278	J	N	TI, TX, BT			U1715			
2N5279	S	N	IC, SM, SQ, ET, SZ			2N3439			02
2N5280	S	N	IC, SZ, SO, SM			2N4063			02
2N5281	S	P	IC, SZ, SO, SM			2N5415			01
2N5282	S	P	IC, SM, SO, CN, SZ			2N5416			01
2N5284	S	N	F, GX, SM, SO, TW	BDY90					06
2N5288	S	N	F, SM, SO, TW, KE	BDY90					06
2N5292	S	P	F			2N4313			13
2N5293	S	N	RC, SE, NP, SO, F	BD220	BD441	TIP31A	2N6123		06
2N5293	S	N	RC, SE, NP, SO, F	BD220	BD441	SD345	2N6122		06
2N5294	S	N	RC, SE, NP, UP, F	BD220	BD441	TIP31A	2N6123		06
2N5294	S	N	RC, SE, NP, UP, F	BD220	BD441	SD345	2N6122		06
2N5296	S	N	RC, SE, NP, SO, F	BD221	BD439	TIP31	2N6121		06
2N5296	S	N	RC, SE, NP, SO, F	BD221	BD439	SDA345	2N6122		06
2N5296	S	N	RC, SE, NP, SO, F	BD221	BD439	2N5298	2N3084		06
2N5296	S	N	RC, SE, NP, SO, F	BD221	BD439	TIP31	2N6121		06
2N5296	S	N	RC, SE, NP, SO, F	BD221	BD439	SDA345	2N6122		06
2N5297	S	N	RC, NP, SO, F	BD222	BD441	TIP31A	2N6122		06
2N5297	S	N	RC, NP, SO, F	BD222	BD441	SDB345	2N6123		06
2N5298	S	N	RC, NP, SO, F	BD222	BD441	TIP31A	2N6122		06
2N5298	S	N	RC, NP, SO, F	BD222	BD441	SDB345	2N6123		06
2N5301	S	N	TX, MO, F, SO, SM	(BUY57)		2N3771	2N6258		06
2N5302	S	N	TX, MO, F, SO, TF	BDY29	(BUY57)	2N6258			06
2N5303	S	N	F, MO, TX, TF, SO	(BUY57)		2N6258			06
2N5305	S	N	TX, GE, ID, CN	BDY29					04
2N5309	S	N	GE, CN	BC187A		2N5830		25C458	01
2N5310	S	N	GE, CN	BC167A		2N5961	2N5830	25C458	01
2N5311	S	N	GE, CN	BC167B		2N5961	2N3635	25C458	01
2N5311	S	N	GE, CN	BC167B		2N3565			01
2N5312	S	P	SD, PI, SM, TR, CN			2N5386			06
2N5313	S	N	F, SD, PI, SM, TR						06
2N5314	S	P	SD, PP, SO, TR, PI						06
2N5316	S	P	SD, PI, SM, TR, CN			2N5384			06
2N5317	S	N	SD, F, PI, SM, TR						06
2N5318	S	P	SD, PI, SM, TR, CN			2N5384			06
2N5320	S	N	F, RC, CN, SM, TR	(B5V17-10)	B5Y94				16
2N5320	S	N	F, RC, CN, SM, TR	B5S15					16

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2N5321	S	N	F, RC, CN, SM, TR	(BSV17-10)	BS516				16
2N5321				BSV93					16
2N5322	S	P	F, RC, AT, SQ, TR	(BSV17-10)		2N4036			16
2N5323	S	P	F, RC, CN, SM, SQ	(BSV17-10)	BS518	2N4036			16
2N5325	G	P	MO, TR, SQ			2N5324			16
2N5331	S	N	TW, KE, SO, TR, GX			2N3265			16
2N5334	S	N	F, MO, SM, TR, TW	BSX63-10					16
2N5335	S	N	F, MO, SM, TR, TW	BSX63-10					16
2N5344	S	P	MO, TR, SQ			2N6211			16
2N5345	S	P	MO, TR, SQ			2N6212			16
2N5354	S	P	GE, SE, ML, SP, NU	(BC327-16)	BC326	MPS3636	2N3636		01
2N5355	S	P	GE, SE, SP, NU, ML	(BC327-16)	BC326	MPS3636A	2N3636A		01
2N5366	S	P	GE, SE, ML, NU, SP	(BC327-25)	BC326	MPS3636	2N3636		01
2N5366						2N4355			01
2N5358	J	N	MO, NS, TX, IL			2N4220A			
2N5369	J	N	MO, NS, TX, IL			2N4220A			
2N5369	J	N	MO, NS, TX, IL			2N4221A			
2N5361	J	N	MO, TX, NS, IL			2N4221A			
2N5362	J	N	MO, NS, TX, IL			2N4221A			
2N5363	J	N	MO, NS, TX, IL			2N4223			
2N5364	J	N	MO, NS, TS, IL			2N4223			
2N5365	S	P	GE, FR, SP, Ss, ML	(BC327-16)	BC327	2N3644			01
2N5366	S	P	GE, Ss, ML, SP, CN	(BC327-16)	BC337	2N4403	EN2967		01
2N5366				BC327		2N3644			01
2N5367	S	P	GE, FR, SP, Ss, ML	(BC327-25)	BC327	2N4403	2N3644		01
2N5367						2N4355			01
2N5368	S	N	GE, SP, ID, FR	BCX73-16					01
2N5369	S	N	GE, SP, ID, FR	BCX73-16					01
2N5370	S	N	GE, FR, ID, SP	BCX73-40					01
2N5371	S	N	GE, SP, ID, FR	BCX73-25					01
2N5372	S	P	GE, SP, ID, FR	BCX75-16					01
2N5373	S	P	GE, SP, ID, FR	BCX75-16					01
2N5374	S	P	GE, SP, ID, FR	BCX75-25					01
2N5375	S	P	GE, SP, ID, FR	BCX75-25					01
2N5386	S	P	TX, PP, SD, TR, SM			2N5380			01
2N5389	S	N	TX, SQ, KS, TR			2N5388			01
2N5391	J	N	TI			2N5358	2N5399		
2N5391						2N4867A			
2N5392	J	N	TI			2N5360	2N5361		
2N5392						2N4868A			
2N5393	J	N	TI			2N5360	2N5362		
2N5393						2N4868A			
2N5394	J	N	TI			2N5361	2N5362		
2N5394						2N4869A			
2N5396	J	N	TI			2N5362	2N4869A		
2N5396						2N5362	2N5363		
2N5396	J	N	TI			2N4869A			
2N5397	J	N	SX, IL, TX, BT			MFE 2001	2N5078		
2N5398	J	N	SX, BT, IL, TX			MFE 2001	2N5078		
2N5400	S	P	MO, F, BT			2N4888			01
2N5401	S	P	MO, BT, F			2N4889			01
2N5404	S	P	SD, SM, TR, PP, SQ			2N5384			06
2N5405	S	P	SD, SM, TR, PP, SQ			2N5384			06
2N5406	S	P	SD, SM, TR, PP, SQ			2N5384			06
2N5407	S	P	SD, SM, TR, PP, SQ			2N5384			06
2N5418	S	N	GE	(BC337-16)					01
2N5419	S	N	GE	(BC337-25)					01
2N5420	S	N	GE	(BC337-40)					01
2N5427	S	N	MO, F, KE, SQ, TW	BDX 25-6		2N6372			16
2N5429	S	N	MO, GX, F, KE, SQ	BDX 25-10		2N6465			16
2N5430	S	N	MO, GX, SM, TR, F	BDX 25-10					16
2N5432	J	N	SX, IL, TX, BT, NS			MFE 2012	SFC1783		
2N5432						2N4446			
2N5433	J	N	SX, IL, TX, BT, NS			MFE 2012	SFC1784		
2N5433						2N4447			
2N5434	J	N	SX, IL, TX, BT, NS			MFE 2012	SFC1785		
2N5434						2N4446			
2N5447	S	P	TX, S, GE, TF	BC307	BC177	2N5556	MPS3438A		01
2N5447				BC326	BC307A	2N3638A			01
2N5448	S	P	GE, TX, S, TX, TF	BC307A	BC307	MPS3638	2N3638		01
2N5448				BC307VI					01
2N5449	S	N	GE, TX, TF, S	BC337-25		2N4401	2N3516		01
2N5450	S	N	GE, TX, S, TF	BC337-16		2N4400	SE60M1		01
2N5451	S	N	GE, TX, S	BC337-40		2N4401	2N3516		01
2N5452	J	N	SD, IL			MMF5	2N5545		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N5452	J	N	SD, IL		2N5561		
2N5453					MMF5	2N5545	
2N5453					2N5552		
2N5454	J	N	SD, IL		MMF5	2N5546	
2N5454					2N5563		
2N5455	S	P	F, SD				13
2N5457	J	N	MO, NS, IL		2N5063	2N4302	
2N5458	J	N	MO, NS, IL		2N5952	2N4303	
2N5459	J	N	MO, NS, IL		2N5961	2N4303	
2N5460	J	P	MO, TX, IC		P11186		
2N5461	J	P	MO, TX, IL		P1117E		
2N5462	J	P	MO, TX, IL		2N4360		
2N5468	J	N	SD, TR		SE 9052		06
2N5471	J	P	MO, SO		2N2841		
2N5472	J	P	MO, SQ		2N2842		
2N5473	J	P	MO, SQ		2N2806		
2N5474	J	P	MO, SQ, IL		2N2807		
2N5475	J	P	MO, SQ, IL		2N2807		
2N5476	J	P	MO, SQ, IL		2N2807		
2N5484	J	N	MO, NS, TF, IL		2N5246	U1994E	
2N5485	J	N	MO, NS, TF, IL		2N5246	U1994E	
2N5486	J	N	MO, NS, TF, IL		2N5247	U1994E	
2N5490	S	N	RC, SD, NP	(B0439)	2N6122		06
2N5491	S	N	RC, SD, NP	(B0439)	2N6122	2N6121	06
2N5492	S	N	RC, SD, NP	(B0441)	2N6120	2N6122	06
2N5493	S	N	RC, SD, NP	(B0441)	2N6130	2N6122	06
2N5494	S	N	RC, SD, NP	(B0439)	2N6131	2N6129	06
2N5494	S	N	RC, SD, NP	(B0439)	2N6121		06
2N5495	S	N	RC, SD, NP	(B0439)	2N6129	2N6121	06
2N5496	S	N	RC, SD, NP	(B0441)	2N6131	2N6123	06
2N5497	S	N	RC, SD, NP	(B0441)	2N6131	2N6123	06
2N5515	J	N	SX, TX, IL		2N5561		
2N5516	J	N	SX, TX, IL		2N5545	2N5562	
2N5517	J	N	SX, TX, IL		2N5546	2N5563	
2N5518	J	N	SX, TX, IL		2N5547	2N5563	
2N5519	J	N	SD, SX, TX, IL		2N5045	SU2369	
2N5520	J	N	SX, TX, IL		2N5561		
2N5521	J	N	SX, TX, IL		2N5545	SU2365A	
2N5522	J	N	SX, TX, IL		2N5546	SU2367A	
2N5523	J	N	SX, TX, IL		2N5547	SU2369A	
2N5524	J	N	SX, TX, IL		2N5045	SU2081	
2N5539	S	N	SD, SO, TW, SM, TR		2N3266		16
2N5543	J	N	TX, TR		2N3822	2N4882	
2N5544	J	N	TX, TR		2N3822	2N4884	
2N5545	J	N	TX, SX, IL		MMF5	2N3954	
2N5546	J	N	TX, SX, IL		MMF5	2N3955	
2N5547	J	N	TX, SX, IL		MMF5	2N3956	
2N5548	J	P	TX		NFE3003		
2N5549	J	N	TX, IL		2N4093		
2N5550	S	N	F, MO, BT	BF458)	BF176	2N5831	01
2N5550				BF178			01
2N5551	S	N	F, MO	BF458)	BF176	2N5833	01
2N5551				BF178			01
2N5555	J	N	MO, NS, IL		2N5949	U2047E	
2N5556	J	N	MO, BT, IL		2N3821		
2N5557	J	N	MO, IL, BT		2N5361		
2N5558	J	N	MO, IL, BT		2N5362		
2N5560	S	N	SD, SO, TW, UN, SM		2N3265		16
2N5561	J	N	SD, UN		SU2365E		
2N5562	J	N	SD, UN		2N5545	2N4085	
2N5563	J	N	SD, UN		2N5547	2N4085	
2N5564	J	N	NS, SX, SD, IL				23
2N5565	J	N	NS, SX, SD, IL				23
2N5566	J	N	NS, SX, SD, IL				23
2N5581	S	N	MO, SO, TI, SM, TR	BCW74-16			
2N5582	S	N	MO, SO, TI, SM, TR	BCW74-16			
2N5592	J	N	SD		2N5392		
2N5593	J	N	SD		2N5392		
2N5594	J	N	SD, MO		2N5392		
2N5597	S	P	SO, TR		2N5955		06
2N5598	S	N	GX, SM, TR, KE, SO		2N5202	2N6202	06
2N5599	S	P	SO, TR		2N5954		06
2N5600	S	N	KE, SO, TW, SM, TR		2N6500	2N3879	06
2N5601	S	P	SO, TR		2N5954		06
2N5602	S	N	KE, SM, TR, TW, SO		2N3879		06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N5604	S	N	KE, SQ, SM, TR, TW		2N6500		06
2N5606	S	N	TR, SM, TW, SQ, KE		2N3879		06
2N5608	S	N	KE, SQ, TW, SM, TR		2N389		06
2N5610	S	N	KE, SQ, TW, SM, TR		2N6500		06
2N5612	S	N	KE, SQ, TW, SM, TR		2N6500		06
2N5613	S	P	KE, PP, TR, SQ		2N6246		06
2N5614	S	N	TR, TW, SM, SQ, KE		2N5039		06
2N5615	S	P	TR, PP, KE, SQ		2N6247		06
2N5616	S	N	TW, SQ, KE, SM, TR		2N5038		06
2N5617	S	P	KE, SQ, TR, PP		2N6242		06
2N5618	S	N	KE, SQ, TW, SM, TR		2N5038		06
2N5619	S	P	KE, SQ, TR, PP		2N6248		06
2N5620	S	N	KE, SQ, TW, SM, TR		2N6496	2N5038	06
2N5622	S	N	KE, SQ, TW, SM, TR		2N5881	2N5039	06
2N5623	S	P	KE, SQ, TR, PP		2N5880		06
2N5624	S	N	KE, SQ, TW, SM, TR		2N5878	2N5038	06
2N5625	S	P	KE, SQ, TR, PP		2N5880		06
2N5626	S	M	KE, TR, TW, SQ, SM		2N5882	2N5038	06
2N5628	S	N	TR, TW, SM, KE, SQ		2N6496	2N5038	06
2N5629	S	N	MO, SM, TR, TW, KE		2N5629	2N4346	06
2N5629					(2N4347)	2N6259	06
2N5630	S	N	MO, SM, TR, TW, KE		2N4346	(2N4347)	06
2N5630					2N6259		06
2N5631	S	N	MO, SM, TR, KE, SQ		2N3773	(2N3442)	06
2N5631					2N6259		06
2N5632	S	N	MO, SQ, TW, TR, SM		2N4348	2N4347	06
2N5632					2N3773		06
2N5633	S	N	MO, SQ, TW, SM, TR		2N5630	2N4348	06
2N5633					2N4347	2N3773	06
2N5634	S	N	MO, SQ, TR, SM	80Y37	2N5631	2N3442	06
2N5634					2N3773		06
2N5636	S	N	MO, SQ, SV		2N5681		01
2N5638	J	N	MO, NS, IL		T1573	U1897E	
2N5639	J	N	MO, IL, NS		T1574	U1899E	
2N5640	J	N	MO, NS, IL		T1575	U1899E	
2N5647	J	N	SX, IL		MFE2093	TN4119	
2N5648	J	N	SX, IL		MFE2094	TN4119	
2N5649	J	N	SX, IL		MFE2094	TN4119	
2N5653	J	N	MO, NS, IL		2N5639	T1574	
2N5653					U1897E		
2N5654	J	N	MO, NS, IL		2N5640	T1575	
2N5654					U1897E		
2N5655	S	N	MO	BF 338	F147	2N6175	06
2N5656	S	N	MO		F148	2N6176	06
2N5657	S	N	MO		F149	2N6177	06
2N5660	S	N	UN, SM, TR, KE, SQ		2N6077	SE9331	16
2N5660					2N6078	2N6233	16
2N5661	S	N	UN, SM, TR, KE, SQ		SE9331	2N6079	16
2N5661					2N6234		16
2N5664	S	N	UN, SM, TR, KE, SQ		2N6077	2N6078	16
2N5664							16
2N5665	S	N	UN, SM, TR, KE, SQ		2N6233		16
2N5668	J	N	MO, NS, IL		2N6079	2N6234	16
2N5669	J	N	MO, NS, IL		2N5953	2N4302	
2N5670	J	N	MO, NS, IL		2N4303		
2N5670					U1873E		
2N5671	S	N	RC, TX, PI, TR, TW	(BUY57)	MJ802		16
2N5672	S	N	TX, SE, SG, RC, TR	(BUY58)	2N3285		16
2N5675	S	P	SD, TR, SQ		2N5679		06
2N5678	S	P	SD, TR, SQ		2N3285		16
2N5679	S	P	F, MO, SM, TR, ES	(BSV17 10)			06
2N5680	S	P	F, MO, SQ, TR, ES	(BSV17 10)			06
2N5681	S	N	F, MO, SQ, TW, SM	(BSX47 10)			06
2N5682	S	N	F, MO, SQ, TR, SM	(BSX47 10)			06
2N5685	S	N	MO, TR, SM		2N5578	2N6032	06
2N5686	S	N	MO, TR, SM		2N5578	2N6032	06
2N5687	S	N	TW, TR		40412		06
2N5716	J	N	MO		1TE4118		
2N5717	J	N	MO		1TE4119		
2N5718	J	N	MO		2N5953	2N4302	
2N5729	S	N	F, PP, SQ, TW, GX		2N5336		16
2N5732	S	N	F, KF, SM, TH, TW		2N5303	2N5671	16
2N5733	S	N	F, KE, SM, TR, GX		2N3285		16
2N5734	S	N	F, SM, KE, TR, GX		2N5886	2N5671	16
2N5737	S	P	SD, SO, TR, SM		2N5875	2N5879	06
2N5737					2N6246	2N3791	06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N5738	S	P	SU, SO, TR, SM		2N6246	2N3782	06
2N5741	S	P	SO, SO, TR, SM		2N5883	2N4399	06
2N5742	S	P	SO, SO, TR, SM		2N6029		06
2N5743	S	P	SO, SO, TR, SM		2N5883		06
2N5744	S	P	SO, TR, SO		2N5884		06
2N5745	S	P	MO, TR		2N5884		06
2N5758	S	N	MO, TX, SO, SM		2N3442	(2N4347)	06
2N5758	S	N	MO, TX, SO, SM		2N6282		06
2N5759	S	N	MO, TX, SM, SO		2N3442	(2N4347)	06
2N5759	S	N	MO, TX, SM, SO		2N6282		06
2N5760	S	N	MO, TX, SO, SM		2N3442	2N6262	06
2N5769	S	N	F	(BSY63)	2N5952	2N5027	
2N5769	S	N	F	(BSY63)	2N5028	2N3646	
2N5770	S	N	F	(BFX89)	2N3662	2N3563	
2N5771	S	P			EN2894A		
2N5772	S	N	F	(BSY63)	2N3605	2N4275	
2N5781	S	P	RC, SM, TR, PI, SO		2N4236	2N4235	06
2N5782	S	P	RC, SM, TR, PI, SO		2N4236		06
2N5783	S	P	RC, SM, TR, PI, SO		2N4234	2N4236	06
2N5784	S	N	RC, SM, TR, PI, SO	(BSX83-10)	2N4239	2N4237	06
2N5785	S	N	RC, SM, TR, PI, SO	(BSX83-10)	2N4238		06
2N5786	S	N	RC, SM, TR, PI, SO	BSX62-10	2N4237	2N4239	06
2N5804	S	N	RC, TW, TR	BUY75	FT411		16
2N5805	S	N	RC, TR	BUY75	FT411		16
2N5810	S	N	GE, SP, FR	BC337-16			01
2N5811	S	N	GE, SP, FR	BC327-16			01
2N5812	S	N	GE, SP, FR	BC337-25			01
2N5813	S	P	GE, SP, FR	BC327-25			01
2N5814	S	N	GE, SP, FR	BC337-16			01
2N5815	S	P	GE, SP, FR	BC327-16			01
2N5816	S	N	GE, SP, FR	BC327-16			01
2N5817	S	P	GE, SP, FR	BC327-16			01
2N5818	S	N	GE, SP, FR	BC337-25			01
2N5819	S	P	GE, SP, FR	BC327-25			01
2N5820	S	N	GE	(BC337-18)			01
2N5821	S	P	GE	(BC327-18)			01
2N5822	S	N	GE	(BC337-18)			04
2N5823	S	P	GE	(BC327-18)			04
2N5824	S	N	GE, SP, FR	BC237A	2N3904	EN3904	01
2N5825	S	N	GE, SP, FR	BC237A	2N3904	EN3904	01
2N5826	S	N	GE, SP, FR	BC237B	2N5961	2N3565	01
2N5827	S	N	GE	BC237B	2N5961	2N3565	01
2N5827A	S	N	GE		2N5961	SE4010	01
2N5828	S	N	GE	(BC237B)	2N5961	SE4002	01
2N5828A	S	N	GE	(BC237B)	2N5961	SE4010	01
2N5830	S	N	F	(BF457)			01
2N5831	S	N	F	(BF458)	2N5832		01
2N5832	S	N	F	(BF458)			01
2N5833	S	N	F	(BF458)			01
2N5836	S	N	RC, SF, TR, SM	BUY75			16
2N5839	S	N	RC, SF, TR, SM	BUY76			16
2N5840	S	N	RC, SF, TR, SM	BUY76			16
2N5841	S	N	MO	(BFW30)			16
2N5842	S	N	MO	(BFW30)			16
2N5845	S	N	F, MO	(BSX49)			10
2N5845A	S	N	F, MO	(BSX49)			10
2N5851	S	N	MO	(BFW30)			10
2N5852	S	N	MO	(BFW30)			10
2N5855	S	P	F, RY	BSV 16-16	2N5857		01
2N5856	S	N	F, RY	BSX46-16			01
2N5857	S	P	F, RY	BSV 17-10			01
2N5858	S	N	F, RY	BSX47-10			01
2N5861	S	N	MO, RY		2N5321		
2N5864	S	P	MO, SM, TR, SO		40634		04
2N5865	S	P	MO, SO	(BSV 17-10)	40634		10
2N5867	S	P	TX, MO, TR, SO		2N6246	2N4905	05
2N5867	S	P	TX, MO, TR, SO		2N4908		05
2N5868	S	P	MO, TX, TR, SO		2N6247	2N4906	05
2N5868	S	P	MO, TX, TR, SO		2N4909		05
2N5869	S	N	MO, TX, SO, TR, SF		2N6471	2N4347	05
2N5869	S	N	MO, TX, SO, TR, SF		2N3055	2N4914	05
2N5870	S	N	MO, TX, SF, SO, TR		2N6472	2N4347	05
2N5870	S	N	MO, TX, SF, SO, TR		2N6254	2N4915	05
2N5871	S	P	MO, TX, TR, SO		2N6246		05
2N5872	S	P	MO, TX, TR, SO		2N6247		05

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N5873	S	N	MO, TX, F, SO, SF		2N6471	2N4347	06
2N5873					2N3055		06
2N5874	S	N	MO, TX, F, SO, TR		2N6472	2N4347	06
2N5874					2N6254		06
2N5875	S	P	MO, TR, SQ		2N6246		06
2N5876	S	P	MO, TR, SQ		2N6247		06
2N5877	S	N	MO, TX, F, TR, SO		2N6471	(2N4347)	06
2N5877					2N6254		06
2N5878	S	N	MO, TX, F, TR, SO		2N6472	(2N4347)	06
2N5878					2N6254		06
2N5879	S	P	TX, MO, TR, SQ		2N6472	2N6246	06
2N5880	S	P	MO, TR, SQ		2N6247		06
2N5881	S	N	MO, TX, F, SO, SM		2N6471	(2N4347)	06
2N5881					2N6254		06
2N5882	S	N	MO, TX, F, TR, SM		2N6472	(2N4347)	06
2N5882					2N6254		06
2N5885	S	N	F, MO, TX, SO, SM		(2N4347)	2N6258	06
2N5886	S	N	F, MO, TX, SO, TW		(2N4347)	2N6258	06
2N5887	G	P	MO, KS	AUY2111			06
2N5888	G	P	MO, KS	AUY2111			06
2N5889	G	P	MO, KS	AUY2111H			06
2N5890	G	P	MO, KS	AUY2111I			06
2N5891	G	P	MO, KS	AUY2111H			06
2N5892	G	P	MO, KS	AUY2211			06
2N5893	G	P	MO, KS	AUY211V			06
2N5894	G	P	MO, KS	AUY211V			06
2N5895	G	P	MO, KS	AUY211V			06
2N5896	G	P	MO, KS	AUY221V			06
2N5897	G	P	MO, KS	AUY211V			06
2N5898	G	P	MO, KS	AUY211V			06
2N5899	G	P	MO, KS	AUY211V			06
2N5900	G	P	MO, KS	AUY221V			06
2N5901	G	P	MO, KS	AUY211V			06
2N5902	J	N	SX, IL		TD5902		
2N5903	J	N	SX, IL		TD5903		
2N5904	J	N	SX, IL		TD5904		
2N5905	J	N	SX, IL		TD5905		
2N5906	J	N	SX, IL		TD5906		
2N5907	J	N	SX, IL		TD5907		
2N5908	J	N	SX, IL		TD5908		
2N5909	J	N	SX, IL		TD5909		
2N5910	S	P	F, NS, BT		PN5910-18		10
2N5911	J	N	SX, IL		TD5911		
2N5912	J	N	SX, IL		TD5912		
2N5929	S	N	W, SO, SM		2N5671		16
2N5930	S	N	W, SO, SM		2N5672		16
2N5932	S	N	W, SO, SM		2N5671		16
2N5933	S	N	W, SO, SM		2N5672		16
2N5936	S	N	W, SO, SM		2N6032		16
2N5936	S	N	W, SO, SM		2N6033		16
2N5943	S	N	MO, TI, SO	(8FX55)			01
2N5949	J	N	TX		2N5638	U19948	
2N5950	J	N	TX		2N5639	U20478	
2N5950					2N5485	FE5246	
2N5951	J	N	TX		2N5640	2N5485	
2N5951					2N5484		
2N5952	J	N	TX		2N5640	2N5485	
2N5952					FE5246		
2N5953	J	N	TX		2N5640	2N5485	
2N5953					FE5246		
2N5954	S	P	RC, TR, SQ	BOX28-6	2N4900		06
2N5955	S	P	RC, TR, SQ	BOX29-6	2N4899		06
2N5956	S	P	RC, TR, SQ	BOX30-6	2N4898		06
2N5959	S	N	TR, SM		2N5484	2N5486	06
2N5959					FE4245	FE4247	06
2N5960	S	P	TR		2N5956		06
2N5961	S	N	F, BT	(8C414C)			02
2N5961-18	S	N			SE4020		
2N5962	S	N	F, BT	(8C414C)			02
2N5962-18	S	N			SE4021		
2N5963	S	N	F, BT	(8C413C)			02
2N5966	S	N	TR		2N3266		06
2N5968	S	N	TR		2N3266		06
2N5970	S	N	SM, SO		2N5302	2N6472	16
2N5970					2N6254		16

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N5971	S	N	SM, SQ		2N5302	2N6472	16
2N5971					2N6254		16
2N5972	S	N	SM, SQ		2N5302	2N6472	16
2N5972					2N6254		16
2N5973	S	N	SM, SQ		2N6254	2N3714	16
2N5974	S	P	MO	(8D440)	2N6489	TIP32	06
2N5975	S	P	MO	(8D442)	2N6490	TIP32A	06
2N5975					2N6132		06
2N5976	S	P	MQ	(8D442)	2N6491	TIP32B	06
2N5976					2N6132		06
2N5977	S	N	MO	(8D439)	2N6488	TIP31	06
2N5977					2N6129		06
2N5978	S	N	MO	(8D441)	2N6487	TIP31A	06
2N5979	S	N	MO	(8D441)	2N6488	TIP31B	06
2N5979					2N6129		06
2N5980	S	P	MO		2N6489	2N6132	06
2N5981	S	P	MO		2N6490	2N6134	06
2N5982	S	P	MO		2N6491		06
2N5983	S	N	MO		2N6488	2N6129	06
2N5984	S	N	MO		2N6487	2N6130	06
2N5985	S	N	MO		2N6488	2N6131	06
2N5986	S	P	MO		2N6489	FT 2955	06
2N5987	S	P	MO		2N6490	FT 2955	06
2N5988	S	P	MO		2N6491		06
2N5989	S	N	MO		2N6488	FT 3055	06
2N5990	S	N	MO		2N6487	FT 3055	06
2N5991	S	N	MO		2N6488		06
2N5998	S	N	GE	8C337-25	2N5961	SE4020	
2N5999	S	P	GE	(8C327-25)	2N5086	2N4248	
2N6000	S	N	GE	(8C337-18)	2N3904	EN3904	01
2N6001	S	P	GE	(8C327-18)	2N3906	EN3906	01
2N6002	S	N	GE	(8C337-40)	2N5088	SE4020	01
2N6003	S	P	GE	(8C327-40)	2N5086	2N4248	01
2N6004	S	N	GE	(8C337-18)	2N3904	EN3904	01
2N6005	S	P	GE	(8C327-18)	2N3906	EN3906	01
2N6006	S	N	GE	(8C337-40)	2N5088	SE4020	01
2N6007	S	P	GE	(8C327-40)	2N5088	2N4248	01
2N6008	S	N	GE	(8C337-40)	2N5088	SE4020	
2N6009	S	P	GE	(8C327-40)	2N5086	2N4248	
2N6010	S	N	GE	(8C337-18)	MPSA06	MPSA06	01
2N6010					SE6020	2N5856	01
2N6011	S	P	GE, St	(8C327-18)	MPSA55	MPSA56	01
2N6011					2N5857		01
2N6012	S	N	GE, St	(8C327-40)	MPSA06	MPSA06	01
2N6012					SE6020	2N5856	01
2N6013	S	P	GE, St	(8C327-40)	MPSA55	MPSA56	01
2N6013					2N5757		01
2N6014	S	N	GE, St	(8C337-18)	MPSA09	MPSA06	01
2N6014					SE6020	2N5857	01
2N6015	S	P	GE, St	(8C327-18)	MPSA55	MPSA56	01
2N6015					2N5857		01
2N6016	S	N	GE, St	(8C337-40)	MPSA06	MPSA06	01
2N6016					SE6020	2N5856	01
2N6017	S	P	GE, St	(8C327-40)	MPSA55	MPSA56	01
2N6017					2N5857		01
2N6034	S	P	MO	8DX34			06
2N6035	S	P	MO	8DX34A			06
2N6036	S	P	MO	8DX34B			06
2N6037	S	N	MO	8DX33			06
2N6038	S	N	MO	8DX33A			06
2N6039	S	N	MO				06
2N6040	S	P	MO	8DX34A	SE9300		06
2N6041	S	P	MO	8DX34B	SE9301		06
2N6042	S	P	MO	8DX34C	SE9302		06
2N6043	S	N	MO	8DX33A	SE9300		06
2N6044	S	N	MO	8DX33B	SE9301		06
2N6045	S	N	MO	8DX33C	SE9302		06
2N6046	S	N	W, TW, SM		2N3266		16
2N6047	S	N	W, TW, SM		2N3265		16
2N6048	S	N	W, SM		2N3265		16
2N6049	S	P	MO	(8DX30-6)	2N5955	2N4899	06
2N6050	S	P	MO		RCAB350A		06
2N6051	S	P	MO		RCAB350B		06
2N6053	S	P	MO		RCAB350A		06
2N6054	S	P	MO		RCAB350B		06

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
2N6055	S	N	MO		SE 9303		06	
2N6056	S	N	MO		SE 9304		06	
2N6057	S	N	MO		2N6384	SE 9303	06	
2N6058	S	N	MO		2N6385	SE 9304	06	
2N6059	S	N			SE 9305		06	
2N6062	S	N	TR, SM		2N3286		06	
2N6063	S	N	TR		2N3285		06	
2N6067	S	P	MO				10	
2N6076	S	P	GE	BC3078	2N3906	EN390E	01	
2N6077	S	N	RC	(BUY 78)	SE 9051		16	
2N6078	S	N	RC	(BUY 77)	SE 9051		16	
2N6079	S	N	RC	(BUY 79)	SE 9052		16	
2N6098	S	N	RC		FT3066		06	
2N6099	S	N	RC		FT3066		06	
2N6106	S	P	RC	(BD442)	2N6134	2N612E	01	
2N6107	S	P	RC	(BD442)	2N6134	2N612E	01	
2N6108	S	P	RC	(BD440)	2N6133	2N613Z	01	
2N6109	S	P	RC	(BD440)	2N6133	2N613Z	01	
2N6110	S	P	RC	(BD438)	2N6132		01	
2N6111	S	P	RC	(BD438)	2N6132		01	
2N6121	S	N	F	(BD437)	2N6920	2N629D	06	
2N6121					40813	2N4921	06	
2N6121					2N5190	2N529E	06	
2N6122	S	N	F	(BD439)	2N6292	2N629D	06	
2N6122					40821	2N492Z	06	
2N6122					2N5297	2N529E	06	
2N6123	S	N	F	BD2418	(BD441)	2N6292	2N492Z	06
2N6123					2N5191	2N549E	06	
2N6123					2N5497		06	
2N6124	S	P	F	(BD438)	2N6109	2N491E	06	
2N6124					2N5193	D41D	06	
2N6124					MJE370		06	
2N6125	S	P	F	(BD440)	2N6107	2N610E	06	
2N6125					2N5194	2N491E	06	
2N6125					TIP30A	2N5191	06	
2N6126	S	P	F	BD242E	(BD442)	2N6107	2N4920	06
2N6126					2N5195	TIP40E	06	
2N6126					TIP32C		06	
2N6129	S	N	F	(BD437)	2N6290		06	
2N6130	S	N	F	(BD439)	2N6290		06	
2N6131	S	N	F	(BD441)	2N6292		06	
2N6132	S	P	F	(BD438)	2N6109		06	
2N6133	S	P	F	(BD440)	2N6107	2N6109	06	
2N6134	S	P	F	BD242E	(BD442)	2N6107	06	
2N6175	S	N	RC		FT47	2N344E	06	
2N6176	S	N	RC		FT48	2N3439	06	
2N6177	S	N	RC		FT49	2N343E	06	
2N6218	S	N	GE	(BF45E)			06	
2N6219	S	N	GE	(BF45E)			06	
2N6220	S	N	GE	(BF45E)			06	
2N6221	S	N	GE	(BF457)			06	
2N6222	S	N	GE	BCY85EVII			06	
2N6223	S	P	GE	BCY77VII			06	
2N6224	S	N	GE	BCY85EVIII			06	
2N6225	S	P	GE	BCY77VIII			06	
2N6229	S	P	MO		2N6248		06	
2N6230	S	P	MO		2N6030	2N6297	06	
2N6231	S	P	MO		2N6031		06	
2N6233	S	N	F, MO	(BUY 77)	SE 9331	2N3583	16	
2N6233					2N6078		16	
2N6234	S	N	MO, F	(BUY 78)	2N3584	2N6077	16	
2N6235	S	N	MO, F	(BUY 79)	2N3585	2N6079	16	
2N6246	S	P	RC		2N5879	2N3791	06	
2N6247	S	P	RC		2N5880	2N3792	06	
2N6248	S	P	RC		2N6020		06	
2N6249	S	N	RC	(BUY 74)			16	
2N6250	S	N	RC	(BUY 75)			16	
2N6251	S	N	RC	(BUY 76)			16	
2N6253	S	N	RC, SM, SF, PP		2N5882	2N3051	06	
2N6254	S	N	RC, SM, SF, PP		(2N4347)	2N5882	06	
2N6257	S	N	RC, SM, SF, PP		2N5301	(2N3055)	06	
2N6257					2N5882		06	
2N6258	S	N	RC, SF, SM, PP		2N5886	2N5301	06	
2N6259	S	N	RC, SM, SF, PP		2N5831		06	
2N6260	S	N	RC, SF, PP		2N3054	2N4231	06	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N6261	S	N	RC, SF, PP	(BDX25-6)	2N3767	2N4233	06
2N6262	S	N	RC, SM, PP		FT410	(2N3442)	06
2N6263	S	N	RC, SF, PP	BDX 25-6	2N6233		06
2N6264	S	N	RC, SF, PP	(BDX25-6)	2N6233		06
2N6270	S	N	TX		2N5671		06
2N6271	S	N	TX		2N5672		06
2N6272	S	N	TX		2N3265		06
2N6273	S	N	TX		2N3265		06
2N6288	S	N	RC	(8D437)	2N6129		06
2N6289	S	N	RC	(8D437)	2N6129		06
2N6290	S	N	RC	(8D439)	2N6130		06
2N6291	S	N	RC	(8D439)	2N6130		06
2N6292	S	N	RC	(8D441)	2N6131		06
2N6293	S	N	RC	(8D441)	2N6131		06
2N6294	S	N	MO		2N6534		06
2N6295	S	N	MO		2N6534		06
2N6296	S	P	MO		RCAB350A		06
2N6297	S	P	MO		RCAB350B		06
2N6298	S	P	MO		RCAB350A		06
2N6299	S	P	MO		RCAB350B		06
2N6300	S	N			SE9303	2N6534	06
2N6301	S	N			SE9304	2N6534	06
2N6302	S	N	MO		2N3773		06
2N6303	S	P	MO		2N4234		16
2N6306	S	N	MO		TIP29A		16
2N6307	S	N	MO		TIP29B		16
2N6308	S	N	MO		TIP30A		16
2N6309	S	P			TIP30A		06
2N6312	S	P	MO		2N5956	2N6308	06
2N6313	S	P	MO		2N5956		06
2N6314	S	P	MO		2N5954		06
2N6315	S	N	MO		2N5873		06
2N6316	S	N	MO		2N5874		06
2N6317	S	P	MO		2N5871		06
2N6318	S	P	MO		2N5872		06
2N6326	S	N	TX		2N5302	2N5881	06
2N6327	S	N	TX		2N5806	2N5882	06
2N6329	S	P	TX		2N4399	2N3791	06
2N6330	S	P	TX		2N3792		06
2N6338	S	N	TX, MO		2N5672		16
2N6339	S	N	MO, TX		2N5672		16
2N6364	S	N	RC		2N6630	(2N3442)	16
2N6359	S	N	MO		2N5886	2N3773	06
2N6360	S	N	MO		2N4348		06
2N6371	S	N	RC		2N3065		06
2N6372	S	N	RC	8DX25-6			06
2N6373	S	N	RC	8DX25-6			06
2N6374	S	N	RC	8DX25-6			06
2N6384	S	N	RC		SE9303		06
2N6385	S	N	RC		SE9304		06
2N6386	S	N	RC		SE9300		06
2N6387	S	N	RC		SE9300		06
2N6388	S	N	RC		SE9301		06
2N6405	S	P	MO		RCP700B		06
2N6407	S	P	MO		RCP700C		06
2N6408	S	N	MO		RCP701B		06
2N6409	S	N	MO		RCP701C		06
2N6410	S	N	MO	8D221			06
2N6411	S	P	MO	8D224			06
2N6412	S	N	MO	8D221	RCP701A		06
2N6413	S	N	MO	8D222	RCP701B		06
2N6414	S	P	MO	8D224	RCP700A		06
2N6415	S	P	MO	8D225	RCP700B	RCP701C	06
2N6416	S	N	MO		TIP29B	RCP701C	06
2N6417	S	N	MO		RCP701D		06
2N6418	S	P	MO		TIP30B	RCP700C	06
2N6419	S	P	MO		RCP700D		06
2N6420	S	P	MO		2N6211		06
2N6421	S	P	MO		2N6212		06
2N6422	S	P	MO		2N6212		06
2N6423	S	P	MO		2N6212		16
2N6424	S	P	MO		2N6211		16
2N6425	S	P	MO		2N6212		16
2N6436	S	P	MO		2N5671		16
2N6437	S	P	MO		2N5672		16

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2N6438	S	P	MO		2N6672		16
2N6461	S	N	TX		2N3439		01
2N6470	S	N	RO		2N6569		
2N6471	S	N	RC		2N3055		
2N6472	S	N	RC		2N5882		
2N6487	S	N	RC		FT3055		
2N6490	S	P	RC		FT2855		
2N6496	S	N	RC		2N5830		
2N6515	S	N	MO				06
2N6516	S	N	MO				06
2N6517	S	N	MO				06
2N6518	S	P	MO				06
2N6519	S	P	MO				06
2N6520	S	P	MO				06
2N6542	S	N	MO		FT411	2N6510	
2N6543	S	N	MO		2N6510		
2N6544	S	N	MO		FT430	2N6510	
2N6545	S	N	MO		2N6251	2N6510	
2N6551	S	N	MO		RCP7018		
2N6552	S	N	MO		RCP701C		
2N6554	S	P	MO		RCP7008		
2N6555	S	P	MO		RCP700C		
2N6556	S	P	MO		RCP700D		
2N6557	S	N	MO		RCP113B		
2N6558	S	N	MO		RCP113C		
2N6559	S	N	MO, SO		RCP113D		
2N6563	S	N	MO		RCP701D		
2N6569	S	N	MO		2N6559	2N3055	
2N.J5A	G	P		AF 185			
2N.J8A	G	P		AF 185			
2N.J9A	G	P		AC128	2N2431		
2N.J9D	G	P		AC128	2N2431		
2N.J50	G	P		AF185			
2N.J51	G	P		AF185			
2N.U40	G	P		AC126	2N2429		
2N.U70	G	P		AC126	2N2429		
2S001	G	P		AF178	2N2495		
2S12	G	P	TX	AF185			
2S13	G	P	TX	AF185			
2S14	G	P	TX	AC128	2N2431		
2S15	G	P	TX	AC128	2N2431		
2S15A	G	P	TX	AC128	2N2431		
2S22	G	P	TX	AC128	2N2431		
2S24	G	P	TX	AC128	2N2431		
2S25	G	P	TX	AF185			
2S30	G	P		AF185			
2S31	G	P		AF185			
2S31	G	P		AF137	2N410	2N412	
2S32	G	P		AC128	AC131	2N2431	2N611
2S32	G	P		AC153			
2S33	G	P	TX	AC128	AC131	2N2431	2N610
2S33	G	P	TX	AC132	AC153		
2S34	G	P	TX	AC128	AC131	2N2431	2N588
2S34	G	P	TX	AC153			
2S35	G	P	TX	AF185	AF133	2N111	
2S36	G	P	TX	AF137			
2S36	G	P	TX	AF185	AF127	2N112	
2S36	G	P	TX	ASV26			
2S37	G	P	TX	AC128	AC131	2N2431	2N106
2S37	G	P	TX	AC132	AC153		
2S38	G	P		AC128	AC131	2N2431	2N270
2S38	G	P		AC153			
2S39	G	P		AC128	AC125	2N2431	2N115
2S39	G	P		AC183			
2S40	G	P		AC128	ASV27	2N2431	
2S41	G	P		AD149	AD150	2N2636	2N269
2S41	G	P		AF134	AF135		
2S41A	G	P		AD149	AD150	2N2636	2N268
2S41A	G	P		AF135	AF134		
2S42	G	P		AD131	ASZ15	2N387	
2S42	G	P		AUY28			
2S43	G	P		AC128	AF132	2N2431	2N640
2S43	G	P		AF137	AF134		
2S44	G	P		AC128	AC128	2N407	2N408
2S44	G	P		AC131			

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2S45	G	P		AF 185	AF 127	2N409	2N410		
2S46				AF 133	AF 137				
2S46	G	P		AF 185	AF 128				
2S49	G	P		AF 185	AF 133	2N410			
2S49				AF 137					
2S52	G	P		AF 185	AF 128	2N411	2N412		
2S52				AC153					
2S53	G	P		AF 185	AF 133	2N409	2N410		
2S53				AF 137					
2S54	G	P		AC126	AC128	2N408	2N410		
2S54				AC131	AC132				
2S54				AC153					
2S56	G	P		AC128	AC131	2N2431	2N408		
2S56				AC153					
2S60	G	P		AF 185		2N412			
2S60A	G	P		AF 185					
2S61	G	P		AF 185	AC153	2N412			
2S61				AF 136		2N2700	2N370		
2S62	G	P		AF 185		2N411			
2S62A	G	P		AF 185		2N411			
2S63	G	P		AF 185		2N140			
2S63A	G	P		AF 185		2N412			
2S101	S	P	TX			2N726			
2S109	G	P		AF 185	AF 135	2N360			
2S109				AF 136					
2S110	G	P		AF 185	AF 135	2N371	2N372		
2S110				AF 136					
2S112	G	P		AF 185	AF 135	2N372			
2S112				AF 136					
2S141	G	P		AF 185	AF 134	2N372	2N371		
2S141				AF 136					
2S142	G	P		AF 185	AF 135	2N370			
2S142				AF 136					
2S143	G	P		AF 185	AF 135	2N373	2N641		
2S143				AF 137					
2S144	G	P		AF 185	AF 136	2N1108			
2S144				AF 137					
2S145	G	P		AF 185	AF 134	2N544	2N1110		
2S146	G	P		AF 136					
2S146				AF 185	AF 126	2N219			
2S146				AF 136					
2S148	G	P		AF 126	AF 185				
2S148				AF 136					
2S155	G	P		AF 185					
2S159	G	R		AF 185	AC162				
2S159				AC170					
2S160	G	P		AF 185					
2S163	G	P		AC128	AC131	2N2431			
2S163				AC183	AC132				
2S178	G	P		AF 185		2N140			
2S179	G	P		AC128		2N2431	2N217		
2S301	S	P	TX	BCY32					
2S302	S	P	TX	BCY33	BCZ10				
2S303	S	P	TX	BCY34	BCZ11				
2S304	S	P	TX	BCZ10					
2S322	S	P	TX	BCZ10					
2S323	S	P	TX	BCZ11					
2SA12	G	P	HI	(AF 127)		2N4034	2N642	2SA240	
2SA12				ASV27	AF 127	2N412	2N483		
2SA12				AFV131	AF 185				
2SA12H	G	P	HI	(AF 127)					
2SA13	G	P	HI	AF 127	AF 185	2N4034	2N642	2SA240	
2SA13				AF 137	AF 131				
2SA14	G	P	HI	(AF 127)	AF 185				
2SA14				AF 132	AF 137				
2SA15	G	P	HI	AF 126	AF 185	2N641	2N411	2SA240	
2SA15				AFV15	AF 131	2N412			
2SA15				AF136					
2SA15H	G	P	HI	(A8 126)					
2SA16	G	P	HI	AF 185	AF 137	2N4034	2N642	2SA240	
2SA16				AF 133					
2SA17	G	P	HI	(AE 127)	AF 185	2N411	2N412		
2SA17				AF 134	AF 136	2N412	2N486		
2SA17H	G	P	HI	(AE 127)					
2SA18	G	P	HI	(A8 126)	AF 185	2N412	2N579		

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2SA18				AF131	AF136				
2SA19	G	P	NI	(AF127)	AF185				
2SA20	P	P	NI	(AF127)	AF185				
2SA21	P	P	NI	(AF127)	AF185				
2SA22	G	P		AF185	AF132	2N411			
2SA22				AF136					
2SA23	G	P		AF127	AF185	2N4034	2N642	2SA240	
2SA23				AF137	AF133	2N409			
2SA24	G	P		AF124	AF178	2N2495	2N4034	2SA235	
2SA24				AF134	AF194	2N346	2N370		
2SA24				AF136					
2SA25	G	P		AF124	AF178	2N2495	2N346	2SA235	
2SA25				AF134	AF194				
2SA25				AF131					
2SA26	G	P	NI	(ASY26)					
2SA27	G	P		AF126	AF185	2N1110		2SA156	
2SA27				AF136	AF134				
2SA28	G	P	TO	AF127	AF185	2N4034	2N642	2SA240	
2SA28				AF137	AF134				
2SA29	G	P	TO	(AF127)	AF185				
2SA29				AF125	AF134				
2SA30	G	P	FU	AF126	AF185	2N641	2N411	2SA240	
2SA30				AFY15	AF132	2N412			
2SA30				AF136					
2SA31	G	P	FU	AF127	AF185	2N4034	2N646	2SA240	
2SA31				AFY15	AF137	2N374	2N409		
2SA31				AF133					
2SA32	G	P	FU	(AF126)					
2SA33	G	P	FU	(AF126)					
2SA35	G	P	FU	AF126	AF185	2N4034	2N646	2SA240	
2SA35				AF127	AFY15	2N411	2N412		
2SA35				AF132	AF136				
2SA36	G	P	FU	(AF126)	AF185	2N411	2N412		
2SA36				AF132	AF136				
2SA37	G	P	TO	AF126	AF185	2N4034	2N646	2SA240	
2SA37				AF127	AF137				
2SA38	G	P	TO	AF126	AF185	2N4034	2N646	2SA240	
2SA38				AF127	AF137				
2SA38				AF134					
2SA39	G	P	TO	AF127	AF185	2N4034	2N646	2SA240	
2SA39				AF137	AF134				
2SA40	G	P	FU	(AF126)	AF185				
2SA41	G	P	HI	AF127	AC150	2N4034	2N646	2SA240	
2SA41				AF137	AF134				
2SA42	G	P	HI	(ASY48)	AF131				
2SA42				AF134	AF137				
2SA43	G	P	FU	AF125	AF185	2N1110		2SA156	
2SA43				AF135	AF131				
2SA44	G	P		AF185					
2SA44B	G	P		AF185					
2SA45	G	P		AF185					
2SA48	G	P		AF125	AF185	2N1110		2SA156	
2SA48				AF135	AF131				
2SA48				AF134					
2SA49	G	P	TO, DT TJ	(AF127)	AF185	2N416	2N483		
2SA49				AF135	AF134				
2SA49				AF126					
2SA50	G	P	TO	AC121V	AC152IV	2N4108	2N610	2S32	
2SA50				AF185	AC124r	2N1309	2N583		
2SA50				AV126	AF134				
2SA51	G	P	TO	AF127	AF185	2N4034	2N646	2SA240	
2SA51				AF137	AF134	2N212	2617		
2SA51				AF136					
2SA52	G	P	I, T, TJ	AF126	AF185	2N641	2N486	2SA240	
2SA52				AF137	AF131	2N1058			
2SA52				AF134					
2SA53	G	P	O, I, TJ	AF127	AF185	2N642	2N4034	2SA240	
2SA53				AF137	AF134	2N482	2N614		
2SA54	G	P	NI	(AF106)					
2SA56	G	P	NI	(AC121IV)					
2SA57	G	P	TO	(AF127)	AF124	2N346	2N4036	2SA235	
2SA57				AF185	AF134	2N370	2N384		
2SA57				AF194	AF136				
2SA58	G	P	TO	AF124	AF127	2N346	2N4035	2SA235	
2SA58				AF185	AF134	2N1110			

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2SA58				AF 194	AF 136				
2SA59	G	P	TO	(AF 127)	AF 185				
2SA59				AF 134	AF 137	2N370	2N624		
2SA60	G	P	TO	AF 124	AF 185				
2SA60				AF 134	AF 194	2N346 2N371	2N4035 2N393	2SA 235	
2SA60				AF 136					
2SA61	G	P	TO	AF 185					
2SA66	G	P	TO	(RSY 70V)	ASY 27	2N36	2N302		
2SA66	G	P	TO	(IASY 70V)	ASY 27	2N36	2N302	2SA65	
2SA67	G	P	TO	(IASY 70V)	ASY 27	2N36	2N302	2SA65	
2SA67						2N 1309			
2SA69	G	P	MA	AF 178		2N 2495			
2SA70	G	P	CE, MA	(AF 127)	AF 118	2N 2496	2N 2707	2SA 76	
2SA70				AF 178	AF 136	2N 370			
2SA70				HF Y15					
2SA71	G	P	CE, MA	(AF 127)	AF 124	2N 2495	2N 4035	2SA 235	
2SA71				AF 178	AF 134				
2SA71				AF 194	AF 131				
2SA72	G	P	TO	AF 127	AF 185	2N 4035	2N 542	2SA 240	
2SA72				AF 136	AF 137				
2SA72				AF 134					
2SA73	G	P	TO	AF 127	AF 185	2N 4035	2N 642	2SA 240	
2SA73				AF 137	AF 134				
2SA74	G	P	TO	AF 124	AF 185				
2SA74				AF 131	AF 134				
2SA75	G	P	TO	AF 127	AF 185	2N 4035	2N 346	2SA 235	
2SA75				AF 124	AF 134				
2SA75				AF 194	AF 131				
2SA76	G	P	TO	AF 126	AF 185	2N 641	2N 110	2SA 240	
2SA76				AF 137	AF 134				
2SA76				AF 186					
2SA77	G	P	TO	AF 124	AF 185	2N 641		2SA 240	
2SA77				AF 126	AF 137				
2SA77				AF 131	AF 134				
2SA78	G	P	TO	(AST 48V)	ASY 75				
2SA79	G	P	TO	(AC 121V)					
2SA80	G	P	HI	AF 124	AF 185	2N 641	2N 371	2SA 240	
2SA80				AF 126	AF 137				
2SA80				AF 134	AF 136				
2SA81	G	P	HI	(AF 124)	AF 185	2N 1634	2N 1638		
2SA81				AF 132	AF 136				
2SA82	G	P	HI	(AF 124)	AF 185	2N 373			
2SA82				AF 134	AF 136				
2SA83	G	P	HI	(AF 127)	AF 185	2N 1634	2N 1638		
2SA83				AF 134	AF 136				
2SA84	G	P	HI	(AF 127)	AF 185	2N 1634	2N 1638		
2SA84				AF 132	AF 136				
2SA85	G	P	HI	(AF 127)	AF 124	2N 544			
2SA85				AF 131	AF 136				
2SA86	G	P	HI	AF 125	AF 126	2N 641		2SA 240	
2SA86				AF 137	AF 131				
2SA86				AF 134	AF 135				
2SA87	G	P	HI	(AF 125)					
2SA88	G	P	HI	(AF 127)					
2SA89	G	P	HI	(AF 126)	AF 131	2N 481			
2SA89				AF 134	AF 136				
2SA90	G	P	HI	(AF 126)	AF 131	2N 499		2SA 90	
2SA90				AF 136	AF 136				
2SA92	G	P	TO	AF 126	AF 185	2N 1110	2N 345	2SA 156	
2SA92				AF 136	AF 132	2N 374			
2SA92				AF 136					
2SA92				AF 136					
2SA93	G	P	TO	AF 126	AF 185	2N 641	2N 306	2SA 240	
2SA93				AF 136	AF 134	2N 417			
2SA94	G	P	HI	(AF 126)	AF 185				
2SA100	G	P	MA	AF 127	AF 137	2N 4034	2N 642	2SA 240	
2SA100				AF 133	AF 136				
2SA101	G	P	MA	AF 127	AF 185	2N 4034	2N 642	2SA 240	
2SA101				AF 137	AF 126				
2SA101A	G	P	MR	AF 127					
2SA102	G	P	MA	AF 127	AF 124	2N 4034	2N 642	2SA 240	
2SA102				AF 185	AF 137				
2SA102				AF 181	AS 220				
2SA103	G	P	MA	AF 124	AF 127	2N 642		2SA 240	
2SA103				AF 185	AF 137				
2SA103				AF 181	AS 220				

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2SA104	G	P	MA	AF 127	AF 185	2N4004	2N642	2SA240	
2SA104				AF 137	AF 134				
2SA104				AF 135					
2SA105	G	P	FU	(AF 127)	AF 178	2N2495	2N299		
2SA105				AF 130	AF 135				
2SA106	G	P	FU	(AF 127)	AF 185				
2SA107	G	P	FU	(AF 127)	AF 185				
2SA108	G	P	FU	AF 125	AF 185	2N1110	2N374	2SA156	
2SA108				AF 135	AF 135				
2SA109	G	P	FU	AF 127	AF 185	2N4034	2N642	2SA240	
2SA109				AF 137	AF 135	2N374	2N481		
2SA110	G	P	FU	AF 126	AF 185	2N185	2N373	2SA240	
2SA110				AF 136	AF 131	2N374			
2SA111	G	P	FU	AF 125	AF 185	2N1110	2N373	2SA156	
2SA111				AF 135	AF 135	2N374			
2SA112	G	P	FU	AF 124	AF 185	2N4035	2N346	2SA235	
2SA112				AF 134	AF 194	2N374	2N499		
2SA112				AF 131	AF 135				
2SA113	G	P	FU	(AF 124)	AF 185				
2SA114	G	P	FU	(AF 124)	AF 185				
2SA115	G	P	FU	(AF 124)	AF 185				
2SA116	G	P	FU	AF 124	AF 178	2N2495	2N4035	2SA235	
2SA116				AF 134	AF 194	2N384	2N346		
2SA116				AF 135					
2SA117	G	P	FU	AF 124	AF 178	2N2495	2N4035	2SA235	
2SA117									
2SA117				AF 134	AF 194	2N1178	2N346		
2SA117				AF 130	AF 135				
2SA118	G	P	FU	AF 124	AF 178	2N2495	2N4035	2SA235	
2SA118				AF 134	AF 194	2N1178	2N346		
2SA118				AF 130	AF 135				
2SA121	G	P	SO	AF 125	AF 185	2N1110	2N1117	2SA156	
2SA121				AF 178	AF 135	2N1180		2T201	
2SA121				AF 135					
2SA122	G	P	SO	(AF 125)	AF 178	2N1178	2N1180	2T201	
2SA122				AF 185	AF 212				
2SA123	G	P	SO	AF 125	AF 178	2N1110	2N1179	2SA156	
2SA123				AF 185					
2SA124	G	P	SO	AF 124	AF 178	2N2435	2N4035	2SA235	
2SA124				AF 134	AF 194	2N1180		2T203	
2SA124				AF 135	AF 212				
2SA125	G	P	SO	AF 124	AF 178	2N2495	2N346	2SA235	
2SA125				AF 134	AF 194	2N4035	2N1180	2T205A	
2SA125				AF 212					
2SA126	G	P	NI	(AC121V)					
2SA127	G	P	TO	(ASY70)					
2SA128	G	P	TO	(ASY48IV)	AF 185				
2SA129	G	P	TO	(ASY48V)	AF 185				
2SA130	G	P	HI	(AF 125)	AF 185				
2SA131	G	P	HI	(AF 125)	AF 185				
2SA132	G	P	HI	(AF 125)	AF 185				
2SA133	G	P	HI	(AF 125)	AF 185				
2SA134	G	P	HI	(AF 125)	AF 178	2N2495			
2SA135	G	P	HI	(AF 125)	AF 178	2N2495			
2SA136	G	P	FU	(AC121VII)	AF 185			2SA52	
2SA136				AF 125	AF 115				
2SA137	G	P	FU	(AC121V)	AF 185				
2SA138	G	P	FU	(AC121VII)	AF 185				
2SA139	G	P	FU	(AC121V)	AF 185				
2SA141	G	P	MT	(AC121V)	ASY26	2N799	2N218	2SA55	
2SA141				AF 185	AF 115				
2SA141				AF 133	AF 137				
2SA142	G	P	MT	(AC121V)	ASY27	2N799	2N135		
2SA142				AF 127	AF 185				
2SA142				AF 115	AF 133				
2SA142				AF 137					
2SA142A	G	P	MT	(ASY48V)					
2SA143	G	P	MT	AF 126	AF 185	2N137			
2SA143				AF 131	AF 135				
2SA144	G	P	MA	HF 124	AF 185	2N346	2N4035	2SA235	
2SA144				AF 134	AF 195	2N113	2N624		
2SA144				AF 130					
2SA145	G	P	MA	AF 185	AF 130				
2SA146	G	P		AF 185	AF 133	2N409			
2SA146				AF 135					
2SA147	G	P		AF 185	AF 133				

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN	JAPANESE	USE
2SA147				AF137				
2SA148	G	P		AF185	AF132			
2SA148				AF137				
2SA149	G	P		AF185	AF132			
2SA149				AF137				
2SA151	G	P	HI	(AF127)	AF185			
2SA152	G	P	HI	(AC121V)	AF185			
2SA152				AF132	AF136			
2SA153	G	P	NI	(AF127)	AF178	2N2495		
2SA153				AF185	AF134			
2SA154	G	P	NI	(AF127)	AF185			
2SA154				AF132	AF137			
2SA155	G	P	NI	(AF127)	AF185	2N267		
2SA155				AP134	AF137			
2SA156	G	P	NI	(AF127)	AF185	2N384		
2SA156				AF135	AF136			
2SA157	G	P	NI	(AF127)	AF178	2N2495		
2SA157				AF185	AF134			
2SA159	G	P	NI	(AF127)	AF178	2N2495		
2SA159				AF185	AF134			
2SA160	G	P	NI	(AF127)	AF185			
2SA161	G	P	SO	(AF139)	AF106	2N2495	2SA730	
2SA161				AF178	AF190			
2SA161				AG102				
2SA162	G	P	SO	(AF139)				
2SA163	G	P	SO	(AF139)				
2SA164	G	P	SO	(AF139)				
2SA165	G	P	SO	(AF139)				
2SA166	G	P	SO	(AF139)				
2SA167	G	P	NI	(ASY26)	AF127	2N410		
2SA167				AF185	AF133			
2SA167				AF136				
2SA168	G	P	NI	AF185	AF132	2N136		
2SA168				AF137				
2SA168A	G	P	NI	AF185	AF116	2N397		
2SA168A				AF127				
2SA169	G	P	NI	(ASY26)				
2SA171	G	P	NI	(ASY27)				
2SA173	G	P	NI	(ASY28)				
2SA175	G	P	TO	(AF125)	AF178	2N2495	2N304	
2SA175				AF185	AF134			
2SA176	G	P		AF185				
2SA178	G	P		AF185	AF131			
2SA178				AF134				
2SA180	G	P	SN	IAC121VII	AF185			
2SA180				AF131	AF136			
2SA181	G	P	SN	(AC121V)	AF185	2N427		
2SA181				AF133	AF137			
2SA182	G	P	SN	(AC121VI)	AF185	2N254		
2SA182				AF133	AF137			
2SA183	G	P	SN	(AC121VI)	AF185	2N78	2SA52	
2SA183				AC121	AFY15			
2SA183				AF126	AF132			
2SA183				AF137				
2SA184	G	P		AF185	AF133	2N292		
2SA184				AF137				
2SA186	G	P		AF126	AFY15		2SA2	
2SA186				AF185				
2SA188	G	P	FU	IAC121VII	AF185			
2SA189	G	P	FU	(AC121VI)	AF185			
2SA190	G	P		AF185				
2SA191	G	P		AF185				
2SA192	G	P		AF185	AF131	2N411		
2SA192				AF136				
2SA193	G	P		AF185	AF133	2N313		
2SA193				AF137				
2SA194	G	P		AF185				
2SA195	G	P		AF185	AF131	2N136		
2SA195				AF137				
2SA196	G	P		AF185	AF127	2N136		
2SA196				AF133				
2SA197	G	P		AF185	AF132			
2SA197				AF137				
2SA198	G	P		AF185	AF131			
2SA198				AF137				

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
25A199	G	P		AF 185	AF 132				
25A199				AF 137					
25A200	G	P		AF 185	AF 137				
25A200				AF 131					
25A201	G	P	SN, TS	(AC1211V)	AF 121			25A52	
25A201				AF 185	AF 126				
25A201				AF Y15					
25A202	G	P	SN, TS	(AC121V)	AF 121V			25A52	
25A202				AF 185	AF Y15				
25A202				AF 126					
25A203	G	P	SN, TS	(AC121V)	AF 185			25A52	
25A203				AF 126	AF Y15				
25A203				AF 133	AF 137				
25A204	G	P	NI	(AC151V)					
25A205	G	P	NI	(AC1511V)					
25A206	G	P	NI	(AC151V)	AF 185	2N252	2N1305		
25A206				AF 133	AF 137				
25A207	G	P	NI	(AC151V)					
25A208	G	P	HI	ASY 26	AF 126	2N799	2N146	25A155	
25A208				AF 130	AF 136				
25A208H	G	P	HI	ASY 26					
25A209	G	P	HI	ASY 26	AF 127	2N799	2N412	25A155	
25A209				AF 133	AF 137				
25A209H				ASY 26					
25A210	G	P	HI	ASY 27	ASY 26	2N799	2N307	25A155	
25A210H	G	P	HI	ASY 27					
25A211	G	P	HI	ASY 26		2N799		25A155	
25A212	G	P	HI	ASY 26		2N799		25A155	
25A212H	G	P	HI	ASY 26					
25A213	G	P	NI	(AF 125)	AF 178	2N2495			
25A213				AF 129	AF 134				
25A214	G	P	NI	(AF 125)	AF 178	2N2495			
25A214				AF 130	AF 135				
25A215	G	P	NI	(AF 125)	AF 185				
25A215				AF 135	AF 137				
25A216	G	P	NI	(AF 125)	AF 178	2N2495			
25A216					AF 127				
25A217	G	P	HI	ASY 26					
25A217H	G	P	HI	ASY 26					
25A218	G	P	SN, TS	(AF 127)	AF 185				
25A218				AF 126	AF 134				
25A219	G	P	SN, TS	(AF 127)	AF 185				
25A219				AF 126	AF 136				
25A220	G	P	SN	(AF 127)	AF 185				
25A220				AF 134	AF 136				
25A221	G	P	SN, TS	(AF 127)	AF 185				
25A221				AF 126	AF 134				
25A222	G	P	SN, TS	(AF 127)	AF 185				
25A222				AF 134	AF 136				
25A223	G	P	SN, TS	(AF 127)	AF 185				
25A223				AF 126	AF 134				
25A224	G	P	FU	(AF 127)	AF 185				
25A224				AF 134	AF 135				
25A225	G	P	FU	(AF 126)					
25A226	G	P	FU	(AF 125)	AF 185				
25A226				AF 134	AF 135				
25A227	G	P	FU	(AF 124)	AF 178	2N2495			
25A227				AF 126	AF 134				
25A229	G	P	TO	AF 139	AF 178	2N2495	11M139	M9031	
25A229				AF 185					
25A230	G	P	TO	AF 139	AF 178	2N2495	11M139	M9031	
25A230				AF 185					
25A231	G	P	HI	(AU Y18)					
25A232	G	P	HI	(AU Y18)					
25A233	G	P	HI	(AF 127)	AF 185	2N136			
25A233				AF 117	AF 126				
25A234	G	P	HI	(AF 127)	AF 108			25A230	
25A234				AF 185	AF 190				
25A234				AF 136	AF 712				
25A235	G	P	HI	(AF 127)	AF 106	2N2495	2N299	25A230	
25A235				AF 178	AF 190				
25A235				AF 135	AF 712				
25A235H	G	P	HI	(AF 127)					
25A236	G	P	TO	(AF 127)	AF 185				
25A236				(AF 127)					

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2SA237	G	P	TO	(AF 127)	AF 185				
2SA238	G	P	NI	(AF 139)	AF 188				
2SA239	G	P	TO	AF 106	AF 190			2SA230	
2SA240	G	P	TO	AF 106	AF 178	2N2495		2SA230	
2SA240	G	P	TO	AF 185	AF 190				
2SA241	G	P	MA	AF 118	AF 178	2N2495	2N2207	2SA 76	
2SA242	G	P	MA	(AF 106)	AF 178	2N2495			
2SA242	G	P	MA	AF 118					
2SA243	G	P	MA	(AF 106)	AF 178	2N2495			
2SA243	G	P	MA	AF 118					
2SA244	G	P	NI	(AF 139)					
2SA245	G	P	NI	(AF 139)					
2SA246	G	P	HI	AF 106					
2SA247	G	P	HI	(AF 106)					
2SA248	G	P	TO	(AC1511V)					
2SA250	G	P	MA	(AF 127)	AF 185				
2SA251	G	P	FU	(AF 127)					
2SA252	G	P	FU	(AF 127)					
2SA253	G	P	FU	(AF 139)	AF 185				
2SA254	G	P	FU	(AC121V)	AF 185	2N1058			
2SA254	G	P	FU	AF 136	AF 186				
2SA255	G	P	FU	(AC1211V)	AC162	2N27	2N211	2SB459	
2SA255	G	P	FU	AC170	AF 137				
2SA255	G	P	FU	AF 133	AF 127				
2SA255	G	P	FU	(AF 126)	AF 185	2N370			
2SA256	G	P	FU	AF 135	AF 136				
2SA257	G	P	FU	(AF 126)	AF 185				
2SA257	G	P	FU	AF 130	AF 134				
2SA258	G	P	FU	(AF 126)	AF 185				
2SA258	G	P	FU	AF 130	AF 134				
2SA258	G	P	FU	(AF 126)	AF 185	2N247	2N374		
2SA259	G	P	FU	AF 134	AF 137				
2SA259	G	P	FU	AF 135	AF 136				
2SA260	G	P	SN, TS	(AF 106)					
2SA261	G	P	SN, TS	(AF 106)					
2SA262	G	P	SN, TS	(AF 106)					
2SA263	G	P	SN, TS	(AF 106)					
2SA264	G	P	SN, TS	(AF 106)					
2SA265	G	P	SN, TS	(AF 106)					
2SA266	G	P	FU	AF 124	AF 185	2N4035	2N346	2SA235	
2SA266	G	P	FU	AF 134					
2SA267	G	P	FU	AF 125	AF 185	2N1110		2SA156	
2SA267	G	P	FU	AF 135	AF 131				
2SA268	G	P	FU	AF 126	AF 185	SET316	2N641	2SA240	
2SA268	G	P	FU	AF 136	AF 132				
2SA269	G	P	FU	AF 127	AF 185	2N4034	2N642	2SA240	
2SA269	G	P	FU	AF 137	AF 133	2N248			
2SA270	G	P	FU	AF 125	AF 185	2N1110	2N299	2SA156	
2SA270	G	P	FU	AF 135	AF 133				
2SA271	G	P	FU	(AF 127)	AF 124	2N4034	2N642	2SA240	
2SA271	G	P	FU	AF 185	AF 137				
2SA271	G	P	FU	AF 132					
2SA272	G	P	FU	AF 127	AF 185	2N4034	2N642	2SA240	
2SA272	G	P	FU	AF 137	AF 133				
2EA273	G	P	FU	AF 126	AF 185	SET316	2N641	2SA240	
2SA273	G	P	FU	AF 136					
2SA274	G	P	FU	AF 127	AF 185	2N4034	2N642	2SA240	
2SA274	G	P	FU	AF 137					
2SA275	G	P	FU	AF 125	AF 185	2N1110		2SA156	
2SA275	G	P	FU	AF 135					
2SA276	G	P	TO	(AF 127)					
2SA277	G	P	TO	(ASY26)					
2SA278	G	P	TO	(ASY27)					
2SA280	G	P	MA	(AF 126)					
2SA281	G	P	MA	(AF 126)					
2SA282	G	P	TO	ASY27				2SA311	
2SA283	G	P	TO	ASY27				2SA312	
2SA284	G	P	TO	ASY27				2SA538	
2SA285	G	P	NI	(AF 127)	AF 185				
2SA285	G	P	NI	AF 132	AF 134				
2SA286	G	P	NI	(AF 127)	AF 185				
2SA286	G	P	NI	AF 134	AF 135				
2SA287	G	P	NI	(AF 127)	AF 185				
2SA287	G	P	NI	AF 134	AF 135				
2SA288	G	P	HI	(AF 139)					

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25A289	G	P	HI	(AF 139)			
25A290	G	P	HI	(AF 139)			
25A291	G	P	FU	(AF 127)			
25A292	G	P	FU	(AF 106)			
25A293	G	P	FU	(AF 106)	AF 126	SE 316	2N641
25A293				AF 137	AF 132	2N267	25A240
25A293				AF 136			
25A294	G	P	FU	(AF 108)			
25A296	G	P	FU	(AC1511V)			
25A296	G	P	Y	(AC1211V)	AF 126	SE1316	2N641
25A296				AFY15			
25A297	G	P	Y	(AC1211V)	AF 126	SE1316	2N641
25A297				AFY15			
25A298	G	P	Y	(AF 127)	AF 185		25A52
25A301	G	P	MA	(AF 127)			
25A302	G	P	MA	(AC1211V)			
25A303	G	P	MA	(AC1211V)			
25A304	G	P	TO	(AC152)	AF 185		
25A304gn	G	P	TO	(AC152V1)			
25A304r	G	P	TO	(AC1521V)			
25A304ye	G	P	TO	(AC152V)			
25A306	G	P	TO	(AC152)	AF 185		25A373
25A306gn	G	P	TO	(AC152V1)			
25A305r	G	P	TO	(AC1521V)			
25A306ve	G	P	TO	(AC152V)			
25A306	G	P		(AF 127)			
25A306	G	P		(AF 127)			
25A307	G	P		(AF 127)	AF 185		
25A308	G	P	MA	(AF 136)			
25A309	G	P	MA	(AF 136)			
25A310	G	P	MA	(AF 136)			
25A311	G	P	TO	(ASY27)	AF 185		
25A311				AUY10			
25A312	G	P	TO	(ASY26)	AF 185		
25A313	G	P	TO	(AF 127)	AF 185		
25A313				AF 125	AF 134		
25A313pl	G	P	TO	(AF 127)			
25A313gn	G	P	TO	(AF 127)			
25A313r	G	P	TO	(AF 127)			
25A313ye	G	P	TO	(AF 127)			
25A314	G	P	TO	(AF 127)	AF 185		
25A314				AF 125	AF 134		
25A314gn	G	P	TO	(AF 127)			
25A314r	G	P	TO	(AF 127)			
25A314ye	G	P	TO	(AF 127)			
25A315	G	P	TO	(AF 127)	AF 125	2N1110	25A156
25A315				AF 185	AF 136		
25A315				AF 134			
25A315gn	G	P	TO	(AF 127)			
25A315r	G	P	TO	(AF 127)			
25A315ye	G	P	TO	(AF 127)			
25A316	G	P	TO	(AF 127)	AF 185		25A316
25A316				AF 126	AF 136		
25A316				AF 134			
25A316gn	G	P	TO	(AF 127)			
25A316r	G	P	TO	(AF 127)			
25A316ye	G	P	TO	(AF 127)			
25A321	G	P	TS	(AF 127)	AF 137	2N4034	2N642
25A322	G	P	SN, TS	(AF 126)	AF 185		25A240
25A323	G	P	TS	(AF 124)	AF 185	2N4036	2N436
25A323				AF 134			
25A324	G	P	TS	AF 125	AF 185	2N1110	25A156
25A324				AF 135			
25A325	G	P	Y	(AC1211V)			
25A326	G	P	Y	(AC1211V)			
25A327	G	P	Y	(AF 127)			
25A329	G	P	TS	AC 125			
25A340	G	P	MA	AF 124	AF 127	2N1110	25A156
25A340				AF 85	AF 126		
25A340				AF 136			
25A341	G	P	MA	AF 124	AF 185	2N4036	2N346
25A341				AF 121	AF 194		25A235
25A342	G	P	MA	AF 124	AF 178	2N2496	2N4036
25A342				AF 185	AF 121	2N346	25A235
25A342				AF 194			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
2SA343	G	P	MA	(AF108)				
2SA344	G	P	MA	(AF108)				
2SA345	G	P	MT	(AF108)				
2SA346	G	P	MT	(AF108)				
2SA347	G	P	MT	(AF108)				
2SA348	G	P	MT	(AF108)				
2SA349	G	P	MT	(AF127)				
2SA350	G	P	HI	AF126	AF127	SET316	2N641	2SA240
2SA350				AF136	AF125			
2SA350				AF130				
2SA350H	G	P	HI	(AF127)				
2SA351	G	P	HI	(AF128)				
2SA352	G	P	HI	(AF125)	AF126	SET316	2N641	2SA240
2SA352				AF137	AF124			
2SA352				AF129	AF134			
2SA353	G	P	HI	AF124	AF137	SET316	2N641	2SA240
2SA353				AF130	AF134			
2SA353A	G	P	HI	(AF124)				
2SA354	G	P	HI	(AF124)				
2SA354A	G	P	HI	(AF124)				
2SA355	G	P	HI	(AF125)				
2SA355A	G	P	HI	(AF125)				
2SA356	G	P	HI	(AF127)				
2SA357	G	P	HI	(AF128)				
2SA360	G	P	HI	(AF127)				
2SA361	G	P	MT	(AF127)				
2SA362	G	P	MT	(AF106)				
2SA363	G	P	MT	(AF125)				
2SA364	G	P	MT	(AF124)				
2SA365	G	P	MT	(AF124)				
2SA366	G	P	MT	(AF124)				
2SA367	G	P	MT	(AF127)				
2SA368	G	P	MT	(AF127)				
2SA369	G	P	MT	(AF127)				
2SA371	G	P	MT	(AC121V)				
2SA374	G	P	MA	(AF124)				
2SA375	G	P	MT	(AF124)				
2SA377	G	P	MA	AF106	AF190			2SA233
2SA378	G	P	MA	(AF106)				
2SA380	G	P	Y	(AF127)	AF185			
2SA381	G	P	Y	(AF127)	AF185			
2SA382	G	P	Y	(AF125)	AF185			
2SA383	G	P	Y	(AF124)	AF185			
2SA384	G	P	Y	(AF126)	AF185			
2SA385	G	P	MA	(AF127)				
2SA400	G	P	FU	(AF127)	AF185			
2SA401	G	P	HI	(AF106)				
2SA402	S	P	SN, TS	(BC107B)				
2SA403	G	P	NI	(AF126)				
2SA404	G	P	NI	(AF139)				
2SA406	G	P	NI	(ASY26)				
2SA407	G	P	NI	(ASY27)				
2SA408	G	P	FU	(AC121VIII)				
2SA409	G	P	FU	(AC121VIII)				
2SA412	G	P	HI	(AF127)				
2SA414	G	P	MA	(ASY26)				
2SA415	G	P	MA	(ASY26)				
2SA419	G	P	SN, TS	(AF139)				
2SA420	G	P	TS	AF139		2N2244	11N139	M9031
2SA421	G	P	SN, TS	(AF139)				
2SA422	G	P	SN, TS	(AF139)	AF139	2N2244	11N139	M9031
2SA427	G	P	SN, TS	(AF126)				
2SA428	G	P	SN, TS	(AF127)				
2SA430	G	P	TO	(AF139)				
2SA431	G	P	TO	(AF139)				
2SA431A	G	P	TO	(AF139)				
2SA432	G	P	TO	(AF139)				
2SA432A	G	P	TO	(AF139)				
2SA433	G	P	TO	AF126	AF138	SET316	2N641	2SA240
2SA434	G	P	HI	(AF136)				
2SA435	G	P	HI	(AF106)				
2SA436	G	P	HI	(AF106)				
2SA437	G	P	HI	(AF106)				
2SA438	G	P	HI	(AF108)				
2SA440	G	P	SN, TS	(AF139)				

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2SA440A	G	P	SN, TS	(AF 139)			
2SA447	G	P	MA	(AF 139)			
2SA454	G	P	SO	AF 139	2N2244	11N139	M9031
2SA455	G	P	SO	AF 139	2N2244	11N139	M9031
2SA456	G	P	SO	AF 139	2N2244	11N139	M9031
2SA457	G	P	TO	(AF 127)			
2SA458	G	P	MT	(AC121V1)			
2SA459	G	P	MT	(AC121V11)			
2SA463	G	P	MT	(AF 106)			
2SA467	S	P	TO	(BC327-16)			
2SA467or	S	P	TO	(BC327-16)			
2SA467ye	S	P	TO	(BC327-16)			
2SA468	G	P	TO	(AF 127)			
2SA469	G	P	TO	(AF 126)			
2SA470	G	P	TO	(AF 124)			
2SA471	G	P	TO	AF 127	2N4034	2N642	2SA240
2SA471				AF 126			
2SA471				AF 136			
2SA472	G	P	TO	(AF 127)			
2SA473	S	P	TO	(BD438)			
2SA473gn	S	P	TO	(BD438)			
2SA473or	S	P	TO	(BD438)			
2SA473r	S	P	TO	(BD438)			
2SA473ye	S	P	TO	(BD438)			
2SA474	G	P	TO				2SA472
2SA475	G	P	TO	(AF 127)			
2SA476	G	P	TO	(AF 106)			
2SA477	G	P	TO	(AF 126)			
2SA478	G	P	TO	(ASY48V)			
2SA479	G	P	TO	(ASY48V)			
2SA482	S	P	TO	BC180-6			
2SA484	S	P	TO	(BSV17)			
2SA484bl	S	P	TO	(BSV17-10)			
2SA484r	S	P	TO	(BSV17-6)			
2SA484ye	S	P	TO	BSV17-10			
2SA485	S	P	TO	BSV17			
2SA485bl	S	P	TO	BSV17-10			
2SA485r	S	P	TO	(BSV17-6)			
2SA486	S	P	TO	BSV16			
2SA486bl	S	P	TO	BSV16 16			
2SA486r	S	P	TO	BSV16-6			
2SA486ye	S	P	TO	BSV16 10			
2SA489	S	P	TO	(BD442)	2N6107		
2SA489or	S	P	TO	(BD442)			
2SA489r	S	P	TO	(BD442)			
2SA489ye	S	P	TO	(BD442)			
2SA490	S	P	TO	(BD438)	2N6109		
2SA490or	S	P	TO	(BD438)			
2SA490r	S	P	TO	(BD438)			
2SA490ye	S	P	TO	(BD438)			
2SA493	S	P	TO	(BC416)			
2SA493gn	S	P	TO	(BC416B)			
2SA493or	S	P	TO	(BC416A)			
2SA493ye	S	P	TO	(BC416A)			
2SA494	S	P	TO	(BC415)			
2SA494gn	S	P	TO	(BC415B)			
2SA494or	S	P	TO	(BC415A)			
2SA494ye	S	P	TO	(BC415A)			
2SA495	S	NL	TO	BC257			
2SA495or	S	P	TO	BC257A			2SA495G
2SA495r	S	P	TO	BC257A			
2SA495ye	S	P	TO	BC257A			
2SA496	S	P	TO	BD138			
2SA496or	S	P	TO	BD138-10			
2SA496r	S	P	TO	BD138-6			
2SA496ye	S	P	TO	BD138 10			
2SA497	S	P	TO	BSV17	2N4940		
2SA497or	S	P	TO	BSV17-10			
2SA497r	S	P	TO	BSV17-6			
2SA497ye	S	P	TO	BSC17-10			
2SA498	S	P	TO	BSV16			
2SA498or	S	P	TO	BSV16-10			2SA497
2SA498r	S	P	TO	BSV16-6			
2SA498ye	S	P	TO	BSV16-16			
2SA499	S	P	TO	BC177	2N4940		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2SA499or	S	P	TO	BC177A			
2SA499r	S	P	TO	BC177A			
2SA499ve	S	P	TO	BC177A			
2SA500	S	P	TO	BC178	2N4940		
2SA500or	S	P	TO	BC178A			
2SA500r	S	P	TO	BC178A			
2SA500ve	S	P	TO	BC178A			
2SA501	S	P	TO	(BC177A)			
2SA503	S	P	TO	8SV16	2N5314	2SA404	
2SA503gn	S	P	TO	8SV16-16			
2SA503or	S	P	TO	8SV16-6			
2SA503ve	S	P	TO	8SV16-10			
2SA504	S	P	TO	8SV15	8CW93K		
2SA504gn	S	P	TO	8SV15-16	2N4037		
2SA504or	S	P	TO	8SV15-6			
2SA506ve	S	P	TO	8SC15-10			
2SA506	S	P	TO	8O136			
2SA506or	S	P	TO	8O136-10			
2SA506r	S	P	TO	8O136-6			
2SA506ve	S	P	TO	8O136-16			
2SA506	G	P	TO	(AF106)			
2SA506r	G	P	TO	(AF106)			
2SA506ve	G	P	TO	(AF106)			
2SA507	G	P	TO	(AF106)			
2SA507r	G	P	TO	(AF106)			
2SA507ve	G	P	TO	(AF106)			
2SA508	G	P	TO	(AF106)			
2SA509	S	P	TO	(BC327-16)			
2SA509or	S	P	TO	(BC327-16)			
2SA509ve	S	P	TO	(BC327-16)			
2SA510	S	P	TO	(8SV17)	8FS90A		
2SA510or	S	P	TO	(8SV17-10)			
2SA510r	S	P	TO	(8SV17-6)			
2SA511	S	P	TO	8SV17		2SA510	
2SA511or	S	P	TO	8SV17-10			
2SA511r	S	P	TO	8SV17-6			
2SA512	S	P	TO	8SV17	2N5314	2SA511	
2SA512or	S	P	TO	8SV17-10			
2SA512r	S	P	TO	8SV17-6			
2SA513	S	P	TO	8SV16		2SA512	
2SA513or	S	P	TO	8SV16-10			
2SA513r	S	P	TO	8SV16-6			
2SA517	G	P	TO	(AF126)			
2SA518	G	P	TO	(AF126)			
2SA522	S	P	TO	BC178A			
2SA522A	S	P	TO	BC177A			
2SA525	G	P	TO	(AF106)			
2SA530H	S	P	HI	BC177A			
2SA532	S	P	SN, TS	(BC177A)			
2SA537	S	P	HI	8SV16-10			
2SA537A	S	P	HI	8SV17-10			
2SA537AH	S	P	HI	8SV17-10			
2SA537H	S	P	HI	8SV16-10			
2SA538	G	P	TO, DT	(AE151V11)	40369		
2SA539	S	P	NI	BC257A			
2SA544	S	P	NI	(BC177A)			
2SA546	S	P	NI	(BC257A)			
2SA546	S	P	MA	8SV17-10			
2SA546A	S	P	MA	8SV17-10			
2SA549	S	P	HI	BC178A			
2SA549A	S	P	HI	BC177A			
2SA549AH	S	P	HI	BC177A			
2SA549H	S	P	HI	BC178A			
2SA550	S	P	MA	8C178B			
2SA552	S	P	NI	(BC177A)			
2SA560	S	P	TO		2N4314		
2SA561	S	P	TO	BC257			
2SA561gn	S	P	TO	BC257B		2SA659	
2SA561or	S	P	TO	BC257A			
2SA561r	S	P	TO	BC257A			
2SA561ve	S	P	TO	BC257A			
2SA562	S	P	TO	(BC327-16)			
2SA562gn	S	P	TO	(BC327-25)			
2SA562or	S	P	TO	(BC327-16)			
2SA562r	S	P	TO	(BC327-16)			
2SA562ve	S	P	TO	(BC327-16)			
2SA562	S	P	TO	(BC327-16)		2SA661	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2SA562ve	S	P	TO	(8C327-16)			
2SA564	S	P	MA	8C2588			
2SA564A	S	P	MA	8C2578			
2SA565	S	P	HI	(8C327-16)			
2SA565K	S	P	HI	(8C327-16)			
2SA567	S	P	HI	(8C1788)			
2SA571	S	P	NI	8SV16-6			
2SA578	S	P	NI	8C1778			
2SA579	S	P	NI	8C1778			
2SA594	S	P	TO	(8SY34)			
2SA594or	S	P	TO	(8SY34)			
2SA594r	S	P	TO	(8SY34)			
2SA594ve	S	P	TO	(8SU34)			
2SA597	S	P	TO	8C161	2N4037		
2SA603	S	P	NI	8CY77V11			
2SA604	S	P	NI	(8F457)			
2SA605	S	P	NI	(8F456)			
2SA606	S	P	NI	8SV17-6			
2SA608	S	P	SN, TS	(8C267A)			
2SA609	S	P	SN, TS	(8C267A)			
2SA617K	S	P	HI	(8C177A)			
2SA618K	S	P	HI	(8C177A)			
2SA623	S	P	MT	(8D136)			
2SA624	S	P	MT	(8D136)			
2SA628	S	P	MT	8C268A			
2SA628A	S	P	MT	(8C267A)			
2SA629	S	P	MT	8C268B			
2SA634	S	P	NI	8D136			
2SA636	S	P	NI	8D136			
2SA637	S	P	MA	(8F457)			
2SA639	S	P	NI	(8F457)			
2SA640	S	P	NI	8C267A			
2SA641	S	P	NI	8C267A			
2SA642	S	P	NI	8C268A			
2SA643	S	P	NI	(8C327-16)			
2SA669	S	P	SN, TS	(8C267A)			
2SA661	S	P	TO	(8C267)			
2SA661en	S	P	TO	(8C267B)			
2SA661or	S	P	TO	(8C267A)			
2SA661r	S	P	TO	(8C267A)			
2SA661ve	S	P	TO	(8C267A)			
2SA670	S	P	HI	(8D440)			
2SA671	S	P	HI	(8D440)			
2SA671K	S	P	HI	(8D440)			
2SA672	S	P	HI	(ASV48V1)			
2SA673	S	P	HI	(8C327-16)			
2SA673A	S	P	HI	(8C327-16)			
2SA673K	S	P	HI	(8C327-16)			
2SA675	S	P	NI	(8F457)			
2SA677	S	P	SO	(8C2588)			
2SA678	S	P	SO	(8C2678)			
2SA682	S	P	TO	8D140			
2SA682or	S	P	TO	8D140-10			
2SA682ve	S	P	TO	8D140-16			
2SA685	S	P	MA	(8F457)			
2SA699	S	P	MA	(8D136)			
2SA699A	S	P	MA	(8D136)			
2SA701	S	P	SN, TS	(8C267A)			
2SA702	S	P	SN, TS	(8C267A)			
2SA704	S	P	SO	(8C268B)			
2SA705	S	P	SO	(8C268B)			
2SA708	S	P	NI	8SV17-10			
2SA708A	S	P	NI	8SV17-10			
2SA715	S	P	HI	8D436			
2SA719	S	P	MA	(8C327-16)			
2SA720	S	P	MA	(8C327-16)			
2SA733	S	P	NI	8C2678			
2SA738	S	P	HI	8D136			
2SA741H	S	P	HI	8C177A			
2SA743	S	P	HI	8D136			
2SA748	S	P	MA	(8D140)			
2SA749	S	P	MA	(8F457)			
2SA754	S	P	HI	(8D440)			
2SA756	S	P	HI	(8D440)			
2SA814	S	P	TO	(8D440)	2N6476		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25A15	S	P	TO		2N6475		
25A1018	G	P		AF 185			
25B12	G	P		AC 122	2N76		
25B12				AC 163			
25B13	G	P		AC 116	2N407		
25B13				AC 153			
25B14	G	P		AC131	2N467		
25B14				OC 78			
25B16	G	P	FU	AD148	2N155		
25B16				OC30			
25B17	G	P	FU	AD148	2N351		
25B17				OC30			
25B22	G	P	FU, TS	(AC151V1)	AC152V	2N1924	2N238
25B22				AC152	AC128		25B156
25B22				AC 131			
25B23	G	P	SN, TS	(AC121V)			
25B24	G	P	SN, TS	(AC121V)			
25B25	G	P	TO	(AD131V)	AUY22		
25B26				AD138/50	ASZ 18		
25B26				AD139	AD150		
25B26				ASZ 16			
25B26	G	P	TD	(AD130V)	AD148	2N2636	2N1022A
25B26				AB149	AD138	2N561	25B151
25B26				AB139	AD150		
25B26A	G	P	TO	(AD131V)			
25B27	G	P	SO	(AD130111)	AD148	2N2836	2N376
25B27				AB149	AD150		
25B28	G	P	SO	(AD1301V)	AD148	2N2836	2N351
25B28				AD149	AD150		
25B29	G	P	SO	(AD130V)	AD148	2N2836	2N351
25B29				AD149	AD150		
25B30	G	P	SO	AD148	AD149	2N2836	2N255
25B30				OC30			
25B31	G	P	SO	AD148	AD149	2N2836	2N256
25B31				AD150			
25B32	G	P	FU	(AC1211V)	AC151	2N2429	2N238
25B32				AC 126	AC122	2N680	25B459
25B32				AC 132	AC152		
25B32				AC 163			
25B33	G	P	FU	(AC121V1)	AC151	2N2431	2N238
25B33				AC 128	AC122	2N680	25B459
25B33				AC126	AC131		
25B33				AC153V			
25B34	G	P	FU	(AC121V1)	AC151	2N2431	2N1381
25B34				AC128	AC124		
25B34				AC163			
25B37	G	P	FU	(AC151V1)	AC151	2N2431	2N238
25B37				AC128	AC131	2N680	25B459
25B37				AC 126	AC152		
25B38	G	P	FU	(AC151V1)	AC151	2N2431	2N238
25B38				AC 153	AC128	2N1381	25B459
25B38				AC131	AC126		
25B39	G	P	FU	(AC121V)	AC151	2N2429	2N238
25B39				AC126	AC122		
25B40	G	P	TO	(ASV48V1)	AC151	2N238	25B459
25B40				AC122/30	AC126		
25B41	G	P	FU	(AD131V)	AD131	2N2836	T13029
25B41				AD148	AD149	2N2065	2N301
25B42	G	P	FU	(AD131V)	AD132	2N2065	25B472
25B42				AD149	ASZ15		
25B43	G	P	TP	(ASV48V)	AC151	2N238	25B459
25B43				AC122			
25B43A	G	P	TO	(ASV48V)			
25B44	G	P	TO	(AC151V1H)	AC128	2N2431	
25B46	G	P	TO	(AC151V1H)	AC126	2N2429	2N217
25B46				AC 152	AC162		
25B46				AC170			
25B47	G	P	TO	(AC151V111)	AC126	2N2429	
25B47				AC132	AC1521V		
25B47				ASV80			
25B48	G	P	SO	(ASV26)	AC126	2N2429	2N1145
25B48				AC125	AC183		27312
25B49	G	P	SO	(ASV27)	AC126	2N2429	2N2433
25B49				AC131	AC153		
25B50	G	P	SO	(ASV27)	AC126	2N2429	2N1606

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
25850				AC131	AC152				
25850				AC153					
25851	G	P	SO	(ASY26)	AC126	2N2431	2N1383	2T322	
25851				AC131	AC153				
25852	G	P	SO	(ASY27)	AC126	2N2431	2N1413	2T324	
25852				AC131	AC153				
25853	G	P	SO	(ASY27)	AC126	2N2431	2N1307	2T383	
25853				AC131	AC153				
25854	G	P	TO, DT	AC151V1	AC151V11	2N2431	2N408	25843	
25854				AC126	AC122				
25854				AC125	AC152				
25855	G	P	TO	(AC151V)	AC151	2N2431	2N238	258458	
25855				AC126	AC131/30				
25855				AC124	AC153				
25856	G	P	TO, DT	AC126	AC151V	2N2431	2N680		
25856				AC126	AC153				
25856A	G	P	TO	AC151V					
25857	G	P	FU	(AC151V)	AC151	2N2431			
25857				AC126	AC126				
25857				AC152V					
25858	G	P	FU	AC126		2N2431			
25859	G	P	FU	(AC151V)	AC151V1	2N2429			
25859				AC126	AC122gr				
25859				AC125					
25860	G	P	FU	(AC151V)	AC126	2N2429			
25860A				AC151V	AC151V1	2N2429			
25860A				AC126	AC131				
25860A				AC126					
25861	G	P	FU	AC151V1	AC126	2N2429	2N680		
25861				AC125	AC122gr				
25861				AC117	AC153				
25862	G	P	TO	(AD131V)	AD139				
25862				AS216					
25863	G	P	TO	(AD130V)	AD149	2N2636			
25863				AD139					
25864	G	P	TO	(AD163V)	AC131	2N422	2N467		
25864				AC152	OC76				
25865	G	P	FU	AC151V	AC122	2N36	2N1394		
25865				AC126	AC131				
25865				AC152	AC126				
25866	G	P	HI	(AC151V)	AC151V1	2N2429	2N2431		
25866				AC151V11	AC126				
25866				AC126	AC131				
25866				AC125					
25866H	G	P	HI	(AC151V)					
25867	G	P	HI	(ASY48V)	AC153	2N467		258222	
25867				AC124	AC126				
25867A	G	P	HI	(ASY48V)					
25867AH	G	P	HI	(ASY48V1)					
25867H	G	P	HI	(ASY48V1)					
25868	G	P	HI	AC122/30	AC122			258460	
25868				ASY48	ASY77				
25868				ASY81					
25869	G	P	TO	(AD131V)					
25870	G	P		AC126		2N2429			
25871	G	P		AC126	AC152V	2N2429			
25871				AF126					
25873	G	P	HI	(AC121V)	AC126	2N2429		258459	
25873				AC151	AC122				
25874	G	P	HI	(AC121V)	AC126	2N2429	2N105		
25874				AC125	AC163				
25875	G	P	HI	(AC151V)	AC126	2N2429	2N34		
25875				AC162	AC163				
25875				AC170					
25875A	G	P	HI	AC151V	AC122			258459	
25875AH	G	P	HI	(ASY48V)					
25875H	G	P	HI	(ASY70V)					
25876	G	P	HI	(AC121V)	AC126	2N2429	2N408		
25876				AC151	AC152				
25877	G	P	HI	(ASY70V1)	AC126	2N2431	2N41		
25877				AC151V	AC125				
25877				AC131	AC163				
25877A	G	P	HI	(ASY48V1)	AC151V1				
25877AH	G	P	HI	(ASY48V)					
25877H	G	P	HI	(ASY70V)					

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
25878	G	P	HI	IAC121V1	AC128	2N2431	2N41		
25878				AC152	AC153				
25879	G	P		AC128	AC117	2N2431	2N178A		
25879				AC153					
25880	G	P	HI	(AD130V)	AD149	2N2836			
25880				AD139					
25881	G	P	HI	(AD132V)					
25882	G	P	HI	(AD183IV)					
25883	G	P	HI	(AD131IV)	AD149	2N2836	2N1295		
25883				AD131	AD150				
25884	G	P	HI	(AD131IV)	AC149				
25884				AD150					
25886	G	P	HI	(AUY21111)					
25886	G	P	HI	(AUY21111)	AD148	2N1291			
25886				CTP1104	OC30				
25887	G	P	HI	(AUY22111)	AD131	2N387			
25887				CTP1313	OC28				
25889	G	P	HI	(ASY70V)	AC151V1	2N2431	2N1381		
25889				AC128	AC122				
25889				AC125	AC152IV				
25889				AC153					
25889A	G	P	HI	(ASY48V)					
25889AH	G	P	HI	(ASY48V)					
25889H	G	P	HI	(ASY70V)					
25890	G	P	TO	(AC121V)	AC126	2N2429			
25890				AC182	AC170				
25891	G	P	TO	(AC121V)	AC128	2N2431			
25891				AC131	AC132				
25891				AC153					
25892	G	P		AC128		2N2431			
25894	G	P	TO	(AC151V1)	AC128	2N2431	2N2447	2584'9	
25894				AC151	AC122	2N44A			
25894				AC131	AC152				
25894				AC153					
25896	G	P		AC128		2N2431			
25897	G	P	TO	(AC121V)	AC126	2N2429			
25898	G	P	HI	(ASY27)	ASY28	2N2431	2N799	25A155	
25898				AC128	AC126	2N45			
25898				AC153					
25899	G	P	NI	(ASY27)	AC128	2N2431	2N633		
25899				AC152	AC153				
258100	G	P	NI	(ASY27)	ASY26	2N2429	2N799	25A155	
258100				AC126	AC122	2N130			
258100				AC182	AC183				
258101	G	P	NI	(ASY27)	ASY26	2N2431	2N799	25A155	
258101				AC128	AC131	2N43			
258101				AC152					
258102	G	P	NI	AC128	AC117	2N2431	2N188		
258102				AC153					
258103	G	P	NI	(ASY27)	AC128	2N2431	2N190		
258103				AC152	AC153				
258104	G	P	NI	AC128	AC152	2N2431	2N188A		
258104				AC153					
258105	G	P	NI	AD149	AC152	2N2836	2N241		
258105				AC153					
258106	G	P	NI	AD149		2N2836	2N352		
258106				OC30					
258107	G	P	NI	AD148	CTP1104	2N363			
258107				OC30					
258107A	G	P	NI	(AD131V)	AD186	T1156	2N456	258471	
258107A				AD148	AD149	2N88			
258107A				OC30	CTP1104				
258108	G	P	NI	AD149		2N2836			
258108	G	P	NI	AD149		2N2836			
258110	G	P	NI	(AC151IV)	AC151	2N2429	2N46		
258110				AC126	AC122				
258110				AC182	AC183				
258110				ASY26					
258111	G	P	NI	(AC151V)	AC151IV)	2N2429	2N77		
258111				AC126	AC122				
258111				AC125	AC182				
258111				AC183					
258112	G	P	NI	AC151V	AC126	2N2429	2N79		
258112				AC122	AC126				
258112				AC131	AC152IV				

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
25B113	G	P	NI	AC151V	AC126	2N2429	2N96		
25B113				AC122	AC125				
25B113				AC183					
25B114	G	P	NI	(AC151V)	AC126	2N2431	2N36		
25B114				AC122					
25B114				AC151	AC125				
25B114				AC163					
25B115	G	P	NI	(AC151V)	AC151V	2N2431	2N37		
25B115				AC151VII	AC126				
25B115				AC122	AC125				
25B115				AC163					
25B116	G	P	NI	(AC151V)	AC151VII	2N2431	2N38		
25B116				AC128	AC122				
25B116				AC125	AC163				
25B117	G	P	NI	(AC151V)	AC151VII	2N2431	2N38A		
25B117				AC128	AC122				
25B117				AC125	AC163				
25B118	G	P		AC149		2N2636			
25B119	G	P	MA	(AD130III)	AC149	2N2636			
25B119A	G	P	MA	(AD131III)					
25B120	G	P	FU	AC151V	AC126	2N2429	2N951		
25B120				AC122ve	AC125				
25B120				AC163					
25B121	G	P	FU	AC125		2N398			
25B122	G	P	TD	(AD132V)	ASZ15				
25B122				AUY28	AUY22				
25B123	G	P	TO	(AUY21V)					
25B124	G	P	TO	(AUY29IV)	ASZ15	2N1100			
25B124				AUY28	AUY22				
25B125	G	P	TD	(AUY29IV)	ASZ16				
25B125				AUY21					
25B126	G	P	MA	(AUY19III)					
25B127	G	P	MA	(AUY19V)	AOZ11	2N1022A	2N561	25B151	
25B127				AD133	AD138				
25N128	G	P	MA	(AUY22III)	ASZ18				
25B128				AUY22	AUY28				
25B128A	G	P	MA	(AUY22III)					
25B129	G	P	MA	(AUY22IV)					
25B129A	G	P	MA	(AUY22IV)					
25B130	G	P	MA	(AUY22IV)	OC30	2N155			
25B131	G	P	FU	(AUY19V)	AD149	2N2636			
25B131A	G	P	FU	(AUY19V)					
25B132	G	P	FU	(AUY19V)					
25B132A	G	P	FU	(AUY19V)					
25B134	G	P	MT	(ASY70V)	AC126	2N2429	2N82		
25B134				AC125	AC163				
25B135	G	P	MT	(ASY70V)	AC151V	2N2429	2N136		
25B135				AC126	AC122ve				
25B135				AC125	AC131				
25B135				AC153					
25B136	G	P	MT	AC151VII	AC128	2N2431			
25B136				AC122ve	AC125				
25B136				AC131	AC153				
25B137	G	P	MT	(AUY21IV)	AD149	2N2636			
25B138	G	P	MT	(AUY21IV)					
25B138A	G	P	MT	(AUY22IV)					
25B138B	G	P	MT	(AUY22IV)					
25B140	G	P	SO	(AD131V)	AD149	2N2637	2N301	2T3011	
25B140				ASZ16	AUY21				
25B141	G	P	SO	(AD132V)	ASZ15	2N301A		2T3021	
25B141				AUY22	AUY28				
25B142	G	P	SO	(AD130III)	AD149	2N2636	2N301	2T3030	
25B142				AD139	AD150				
25B143	G	P	SO	(AD130VI)	AD149	2N2636	2N660	2T3032	
25B143				AD139	AD150				
25B143P	G	P	SO	(AD130V)					
25B144	G	P	SO	(AD130V)	AD149	2N2636	2N669	2T3032	
25B144				AD139	AD150				
25B144P	G	P	SO	(AD130V)					
25B145	G	P	SO	(AD130V)	AD149	2N2636		2T30423	
25B145				AD150					
25B146	G	P	SO	(AD130V)	AD149	2N2636		2T3043	
25B146				AD150					
25B147	G	P	SO	(AD132VI)					
25B148	G	P		ASZ16	ASZ16				

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
258148				AUY21 (AUY211V)			
258149	G	P	TO				
258150	G	P	TO			2N388	
258151	G	P	FU	(AUY221V) AD138	AUY22 ASZ18	2N561	
258151				AD131	CDT1313		
258151				OC28			
258152	G	P	FU	(AUY221V) OC28	AD131 OD605	2N157A	
258153	G	P	HI	(AC121V)	AC126	2N2429	
258153				AC152	AC162		
258154	G	P	HI	(AC121V)	AC128	2N2431	2N408
258154				AC131	AC132		
258154				AC153			
258155	G	P	HI	(AC1211V)	AC128	2N2431	2N249
258155				AC117	AC153		258370A
258156	G	P	HI	(AC121V)	AC128	2N2431	2N1307
258156				AC131	AC153		
258156A	G	P	HI	AC121V	AC117	2N1307	2N2431
258156A				AC128	AC131		258156A
258156A				AC153			
258157	G	P	HI	(AC1211V)	AC128	2N2429	
258157				OC58	OC59		
258158	G	P	MA	(AC121V)	AC126	2N2429	
258158				OC58	OC59		
258159	G	P	MA	(AC121V)	AC126	2N2429	
258159				OC59	OC60		
258160	G	P	MA	(AC121V)	AC126	2N2429	
258160				OC60			
258161	G	P	NI	(ASY26)	AC128	2N2431	2N367
258161				AC151	AC122		
258161				AC152	AC163		
258162	G	P	NI	AC128	AC122	2N2431	2N318
258162				AC151	AC124		
258162				AC153			
258163	G	P	NI	(ASY26)	AC128	2N2431	2N320
258163				AC124	AC153		
258164	G	P	NI	AC128	AC124	2N2431	2N321
258164				AC153			
258166	G	P	NI	(ASY27)	AC128	2N2431	2N323
258166				AC126	AC163		
258166	G	P	NI	AC128	AC124	2N2431	
258166				AC153			
258167	G	P	FU	AC152V	AC122		
258167				AC128			
258168	G	P	FU	(AC121V)	AC151V	2N2429	
258168				AC126	AC122		
258168				AC126	OC331		
258168				OC622			
258169	G	P	FU	(AC121V1)	AC151V1	2N2431	
258169				AC128	AC122		
258169				AC126	OC343		
258169				OC624			
258170	G	P	MA	(AC1511V)	AC151	2N2431	2N76
258170				AC128	AC122		
258170				AC126	AC162		
258170				AC183			
258171	G	P	MA	AC151V	AC128	2N2431	2N81
258171				AC122	AC126		
258171				AC162	AC163		
258172	G	P	MA	AC151V	AC128	2N2431	2N505
258172				AC122	AC126		
258172				AC132	AC153		
258173	G	P	MA	(AC121V)	AC151V	2N2529	
258173				AC126	AC125		
258173				AC162			
258174	G	P	MA	(AC121V)	AC128	2N2431	2N223
258174				AC117	AC153		
258175	G	P	MA	AC151V1	AC128	2N2431	2N132
258175				AC122	AC126		
258175				ASY77			
258175	G	P	MA	(AC151V1)	AC129	2N2431	2N4106
258176				AC153	AC131	2N4607	2N505
258176				AC162			258222
258177	G	P	MA	(ASY48V)	ACY77		

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
25B178	G	P	MA	(ASY70V)	AC152V	2N2431	2N610	25B222	
25B178				AC128	AC124r				
25B178				AC125					
25B178A	G	P	MA	(ASY48V)	ASY80				
25B178	G	P		AC128	ASY80	2N2431			
25B180	G	P	FU	AD148	AD149	2N2836	2N301		
25B180				OC30					
25B181	G	P	FU	AD148	AD149	2N307			
25B182	G	P	FU	AF185					
25B183	G	P	HI	(AC121V)	AC126	2N2429	2N132A		
25B183				AC122	AC163				
25B183A	G	P	HI	OC80					
25B184	G	P	HI	(AC121V)	AC128	2N2431	2N63		
25B184				AC126	AC163				
25B185	G	P	SN, TS	(AC1511V)	AC151V	2N107			
25B185				AC126	AC128				
25B185				AC122	AC126				
25B185				AC163					
25B186	G	P	SN, TS	(AC151VIII)	AC152V1	2N2429	2N4106	2532	
25B186				AC122	AC126	2N610	2N240		
25B186				AC128	AC126				
25B186				AC163					
25B187	G	P	SN, TS	(AC151V1)	AC152V1	2N2429	2N4106	2532	
25B187				AC126	AC122	2N610	2N1144		
25B187				AC128	AC131				
25B187				AC152					
25B188	G	P	SN, TS	(AC151V)	AC152V1	2N2431	2N610	2532	
25B188				AC128	AC117r				
25B188				AC126	AC152				
25B188	G	P	TD, DT	AC128	AC117	2N2431	2N610	2532	
25B189				AC152V1	AC131	2N1036			
25B189				AC153	ASY30				
25B190	G	P		AC128	AC126	2N2431	2N322		
25B190				AC163					
25B191	G	P		AC122	AC126	2N47			
25B191				AC163					
25B192	G	P		AC128	AC126	2N2431	2N48		
25B192				AC163					
25B193	G	P		AC128	AC116	2N2431	2N324		
25B193				AC163					
25B194	G	P		AC128	AC131	2N2431	2N1145		
25B194				AC152					
25B195	G	P		AC128	AC117	2N2431	2N1097		
25B195				AC163					
25B195	G	P		AC128	AC124	2N2431	2N225		
25B196				AC163					
25B197	G	P		AC128	AC124	2B2431	2N226		
25B197				AC153					
25B198	G	P		AC128	AC124	2N2431	2N227		
25B198				AC153					
25B199	G	P	FU	(AC121V1)	AC128	2N2431	2N138B		
25B199				AC124	AC153				
25B200	G	P	TD	(ASY701V)	AC128	2N2431	2N4106	25B222	
25B200				AC153V	AC124	2N467			
25B200				AD139	AD149				
25B200A	G	P	TO	AC153V1					
25B201	G	P	TO	(ASY481V)	AC128	2N4106	2N467	25B222	
25B201				AC117	AC122				
25B201				AC153V	AC162				
25B201				AC126					
25B202	G	P	TO	(ASY70V1)	AC153V11	2N2431	2N4106	25B222	
25B202				AC128	AC117				
25B202				AC153	AD139				
25B202				AD149					
25B208	G	P	SA	AC124	AC128				
25B208				AC152					
25B215	G	P	SN, TS	(AD163V1)	AD163			25B341	
25B215				ASZ15					
25B216	G	P	SN, TS	(AD131V)	AD131	T13029	2N2065	25B471	
25B216				AD138/50	AD149				
25B217	G	P	SN, TS	(AD130V)	AD150	T1156	2N456	25B4026	
25B218	G	P	NI	AC122	AC163	2N61	2N524		
25B218				OC70					
25B219	G	P	NI	(ASY701V)	AC128	2N2431	2N41		
25B219				AC153	AC163				

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2S8220	G	P	NI	(ASY 70V)	AC128	2N2431	2N43		
2S8220				AC124	AC153				
2S8221	G	P	NI	(ASY 70V)	AC128	2N2431	2N524		
2S8221				AC124	AC153				
2S8222	G	P	NI	(ASY 70V)	AC128	2N2431	2N220		
2S8222				AC124	AC153				
2S8223	G	P	NI	(ASY 70V)	AC128	2N2431			
2S8224	G	P	NI	(ASY 48V)	AC152	2N264	2N524		
2S8224				AC153	AC131				
2S8226	G	P	NI	(ASY 48V)	AC117	2N43	2N525		
2S8226				AC128	AC153				
2S8226	G	P	NI	(ASY 48V)	AC124	2N408	2N526		
2S8226				AC128	AC153				
2S8227	G	P	NI	(ASY 48V)	AC124	2N223	2N527		
2S8227				AC128	AC153				
2S8228	G	P	HI	(AU Y 2111)					
2S8228				(AU Y 2111)					
2S8230	G	P	HI	(AU Y 2111)					
2S8235	G	P	TO	AF211					
2S8236	G	P	TO						
2S8237	G	P	TO						
2S8240	G	P	NI	AD148	CTP1104	2N68			
2S8240				OC30					
2S8240A	G	P	NI	AD148	CTP1104	2N141			
2S8240A				OC30					
2S8242	G	P	NI	AU Y 18	AS216	2N1183			
2S8242				AD148	CTP1104				
2S8242				OC30					
2S8242A	G	P	NI	AU Y 18	AD148	2N141			
2S8242A				CTP1104	OC30				
2S8246	G	P	NI	(AU Y 211V)					
2S8247	G	P	NI	(AU Y 211V)	AD133V				
2S8247					AD138				
2S8247				AD211					
2S8248	G	P	NI	(AU Y 211V)	AC124	2N1502			
2S8248				AC128	AC153				
2S8248A	G	P	NI	(AU Y 211V)	AD133V	2N1501			
2S8248A				AD193V	AD138				
2S8248A				AD211	AC105				
2S8248A				AC117					
2S8249	G	P	NI	(AU Y 221V)	AC128	2N457			
2S8249				AC153	AS218				
2S8250	G	P	NI	(AU Y 211V)	AD133V	2N1176			
2S8250				AD138	AD211				
2S8250				AD148	AD148				
2S8250				OC30					
2S8250A	G	P	NI	(AU Y 211V)	AC117	2N1245			
2S8250A				AC128	AC153				
2S8251	G	P	NI	(AU Y 211V)	AD133V	2N1246			
2S8251				AD138	AD211				
2S8251				AC128	AC153				
2S8251				AD149					
2S8251A	G	P	NI	(AU Y 211V)					
2S8252	G	P	NI	(AU Y 221V)	AD133V				
2S8252				AD138/50	AD211				
2S8252A	G	P	NI	AD148	AS218	2N1437			
2S8252A				OC30					
2S8253	G	P	NI	(AU Y 221V)	AC128	2N1263			
2S8253				AC153	AS218				
2S8254	G	P	SN, TS	(AD149V)	AC128	2N2431			
2S8254				AC126	AC128				
2S8256	G	P	SN, TS	(AD149V)	AC128	2N2431			
2S8256				(AD149V)					
2S8257	G	P	TO	(AC161)					
2S8261	G	P	FU	(AC1211V)	AC126	2N2429	2N405		2SA305
2S8261				AC126	AC163				
2S8262	G	P	FU	(AC121V)	AC126	2N2429	2N407		
2S8262				AC126	AC153				
2S8263	G	P	FU	(AC121V)	AC124	2N2431	2N270		
2S8263				AC153					
2S8264	G	P	NI	(AC151V)	AC126	2N2429	2N133		
2S8264				AC126	AC153				
2S8266	G	P	TO	(ASY 70V)	ASY28				
2S8266				(AC151V)	AC126				
2S8266	G	P	Y	AC152	AC170				

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25B267	G	P	Y	IA(151V)	AC128		
25B267	G	P	Y	AC131	AC153		
25B268	G	P	MT	(ASY48V)			
25B269	G	P	Y	(AC151V)			
25B271	G	P	SN, TS	(AC151V)			
25B272	G	P	SN, TS	IA(151VIII)			
25B273	G	P	SN, TS	(AC151VIII)			
25B276	G	P	HI	AU103			
25B282	G	P	MA	(AU22III)			
25B283	G	P	MA	(AU22IV)			
25B284	G	P	MA	(AU22III)			
25B285	G	P	MA	(AU22IV)			
25B290	G	P	TO	ASY26	AC122	2N799	25A155
25B290gn	G	P	TO	(ASY26)			
25B290ve	G	P	TO	(ASY26)			
25B291	G	P	TO	ASY26	AC131	2N799	25A155
25B291gn	G	P	TO	(ASY26)			
25B291r	G	P	TO	(ASY26)			
25B291ye	G	P	TO	(ASY26)			
25B292	G	P	TO	(ASY70V)	ASY26	2N799	25A155
25B292	G	P	TO	AC131			
25B292bl	G	P	TO	(ASY70V)			
25B292gn	G	P	TO	(ASY70V)			
25B292r	G	P	TO	(ASY70V)			
25B292ye	G	P	TO	(ASY70V)			
25B292A	G	P	TO	(ASY48V)			
25B292Abl	G	P	TO	(ASY48V)			
25B292Agn	G	P	TO	(ASY48V)			
25B292Aor	G	P	TO	(ASY48V)			
25B292Ar	G	P	TO	(ASY48V)			
25B292Aye	G	P	TO	(ASY48V)			
25B293	G	P	Y	AC121V			
25B294	G	P	Y	AC121V			
25B295	G	P	FU	(AD163V)			
25B299	G	P	Y	AC121V			
25B300	G	P	TO	(AU22IV)			
25B301	G	P	TO	(AU22IV)			
25B302	G	P	HI	AF124	AF134		
25B303	G	P	SN, TS	(AC151V)	AC163		25B235 25B73
25B303	G	P	SN, TS	AC150	AC125		
25B304	G	P	FU	(AC152V)			
25B304A	G	P	FU	(AC152V)			
25B306	G	P	TO				
25B309	G	P	MA	(AU22IV)			25B426
25B315	G	P	MT	AC121V			
25B316	G	P	MT	AC121V			
25B317	G	P	MT	(AC121V)			
25B318	G	P	FU	(AD131V)			
25B319	G	P	FU	(AD163V)			
25B321	G	P	TO	(AC151V)			
25B322	G	P	TO	(AC151V)			
25B323	G	P	TO	(AC151V)			
25B324	G	P	MA	AC152V	AC128		
25B326	G	P	NI	(ASY26)			
25B327	G	P	NI	(ASY27)			
25B328	G	P	NI	AC121V	NKT274		
25B329	G	P	NI	AC121V	NKT374		
25B336	G	P	MA	(AC121V)			
25B336	G	P	MA	(AC121V)			
25B337	G	P	HI	(AU22IV)			
25B337H	G	P	HI	(AU22IV)			
25B338	G	P	HI	(AU22IV)			
25B338H	G	P	HI	(AU22IV)			
25B345	G	P	MA	AC126	AC151VII	2N2429	
25B345	G	P	MA	AC126	AC122VI		
25B345	G	P	MA	AC126			
25B346	G	P	MA	AC163	AC151VII	2N2429	
25B346	G	P	MA	AC126	AC131/50		
25B347	G	P	MA	AC162	AC126	2N2429	
25B348	G	P	MA	AC163	AC126	2N2429	
25B349	G	P	SN	AC121V			
25B350	G	P	SN	AC151V			
25B356	G	P	MT	(AD130V)			
25B356	G	P	MT	(AD132V)			
25B357	G	P	MT	(AD163V)			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25B361	G	P	HI	(AUYY22IV)			
25B362	G	P	HI	(AUYY22IV)			
25B364	G	P	TO	AC152VI	AC128	2N1924	25B370A
25B364				AC131	AC131		
25B364				AC153			
25B365	G	P	TO	AC152V	AC128	2N1924	
25B365				AC131	AC153		
25B367	G	P	HI	(AD148V)			
25B367H	G	P	HI	(AD148V)			
25B368	G	P	HI	(AD148V)			
25B368H	G	P	HI	(AD148V)			
25B370	G	P	HI	AC152VI	AC128		
25B370A	G	P	HI	AC152VI	AC128		
25B371	G	P	MA	AC162	AC151VI		
25B371				AC122p	AC126		
25B372	G	P	SN, TS	(AC153VI)			
25B373	G	P	SN, TS	(AC153VII)			
25B374	G	P	SN, TS	(AC153VII)			
25B376	G	P	MA	(AC121IV)			
25B378	G	P	SO	(AC121IV)	AC121	2N2431	25B156A
25B378				AC131	AC128		
25B379	G	P	SO	(AC121VI)	AC121	2N2431	25B156A
25B379				AC131	AC128		
25B381	G	P	SO	AC151VI	AC122r	2N238	25B459
25B381				AC126			
25B383	G	P	SO	AC124			
25B384	G	P	Y	(AC151V)			
25B385	G	P	Y	(AC151V)			
25B386	G	P	MT	AC152V			
25B389	G	P	FU	(AF126)			
25B390	G	P	SN, TS	(AUYY22IV)			
25B391	G	P	SN, TS	(AUYY21IV)	AUY21	2N352	25339
25B391				AUY28	AS218		
25B400	G	P	SN, TS	(AC151VI)	AC121VI		
25B400				AC160			
25B401	G	P	MA	(ASY48IV)			
25B402	G	P	MA	(ASY48IV)			
25B403	G	P	MA	(ASY48IV)			
25B405	G	P	SN, TS	AC153VI			
25B407	G	P	SN, TS	(AUYY21IV)			
25B413	G	P	TO	(AD131IV)			
25B414	G	P	TO	(AD130IV)			
25B416	G	P	TO, DT	AC153V			
25B422	G	P		AC122	AC126		
25B422				AC151			
25B424	G	P	TO	(AD132V)			
25B425	G	P	TO	(AD131V)			25B426
25B426	G	P	TO	AD130V			25B425
25B427	G	P	FU	(ASY48V)			
25B428	G	P	FU	(ASY48VI)			
25B431	G	P	FU	(AC152V)			
25B434	S	P	TO	(BD440)			25B435
25B434or	S	P	TO	(BD440)			
25B434r	S	P	TO	(BD440)			
25B434ye	S	P	TO	(BD440)			
25B435	S	P	TO	(BD438)			25B434
25B435or	S	P	TO	(BD438)			
25B435r	S	P	TO	(BD438)			
25B435ye	S	P	TO	(BD438)			
25B439	G	P	TO	AC163	AC171	2N2907	25B459
25B439				AC128			
25B440	G	P	TO	AC163	AC171	2N2907	25B459
25B440				AC128			
25B443	G	P	FU	(AC163)	AC121VI		
25B443A	G	P	HI	AC121VI			
25B443B	G	P	HI	AC121VI			
25B444	G	P	FU	(AC163)	AC121VI		
25B444A	G	P	HI	AC121VI			
25B444B	G	P	HI	AC121VI			
25B445	G	P	FU	(AD131V)			
25B446	G	P	FY	(AD131V)			
25B448	G	P	MA	AD148V			
25B449	G	P	MA	AD131V			
25B450	G	P	MT	AC152VI			
25B450A	G	P	MT	AC152VI			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25B451	G	P	MT	(AC153V(I))			
25B452	G	P	MT	(AC153V(II))			
25B452A	G	P	MT	(AC153V(II))			
25B453	G	P	MT	(AC153V(I))			
25B454	G	P	MT	(AC153V(I))			
25B455	G	P	MT	(AC153V(I))			
25B457	G	P	MT	AC152V(I)			
25B457A	G	P	MT	AC152V(I)			
25B458	G	P	MT	(AD130(V))			
25B458A	G	P	MT	(AD131(V))			
25B458E	G	P	MT	(AD163(V))			
25B459	G	P	HI	AC183			
25B461	G	P	TO	(ACY33)			
25B462	G	P	TO	AD131(V)			25B463
25B462b	G	P	TO	AD131V			
25B462r	G	P	TO	AD131(V)			
25B462ye	G	P	TO	AD131V			
25B463	G	P	TO	AD130(V)			25B462
25B463b	G	P	TO	AD130V			
25B463r	G	P	TO	AD130(V)			
25B463ye	G	P	TO	AD130V			
25B464	G	P	TO	(AU Y34V)			
25B465	G	P	TO	(AU Y20)			
25B466	G	P	TO, FU	(AD131V)			
25B467	G	P	FU	(AD131V)			
25B470	G	P	FU	AU Y22(V)			
25B471	G	P	HI	(AU Y22(V))			
25B471A	G	P	HI	(AU Y22(V))			
25B471B	G	P	HI	(AU Y22(V))			
25B472	G	P	HI	(AU Y22(V))			
25B472A	G	P	HI	(AU Y22(V))			
25B472B	G	P	HI	(AU Y22(V))			
25B473	G	P	MA	(AD148V)	AD162V(II)		25B367
25B474	G	P	SN, TS	AD130V			
25B475	G	P	MA	AC121V	AC121V(I)		
25B476	G	P	MA	(AC188K)			
25B481	G	P	MA	(AD148V)			
25B482	G	P	TO	(AC151V(II))			25B486
25B486	G	P	TO	(AC151V(II))			25B482
25B492	G	P	SN, TS	(AC188K)			
25B494	G	P	MT	AC153V(II)			
25B496	G	P	MT	AC153V(II)			
25B496A	G	P	MT	AC153V(II)			
25B496	G	P	HI	AC152V(I)			
25B497	G	P	FU	(AC121V(I))			
25B502A	S	P	TO		2N6954		
25B503A	S	P	TO		2N6965		
25B507	S	P	SN, TS	(BD440)			
25B508	S	P	SN, TS	(BD440)			
25B510	S	P	NI	(BSV17-10)			
25B511	S	P	SN, TS	(BD438)			
25B512	S	P	MA	(BD440)			
25B512A	S	P	MA	(BD442)			
25B513	S	P	MA	(BD440)			
25B513A	S	P	MA	(BD442)			
25B514	S	P	SN, TS	(BD440)			
25B515	S	P	SN, TS	(BD440)			
25B530	S	P	TO		2N6248		
25B531	S	P	TO		2N6247		
25B534	G	P	HI	AC152V(I)			
25B535	G	P	HI				
25B558	S	P	TO		2N6248		
25B596	S	P	TO		2N6475		
25C11	G	N	TO	(AC127)	ASY29	2N6107	
25C11				ASY73			
25C12	S	N	TO	(BCY66E(VII))			
25C15	S	N	SO	(BCY66E(VII))	2N1753	2N1754	
25C15-1	S	N	SO	(BCY66E(VII))			
25C15-2	S	N	SO	(BCY66E(VII))			
25C15-3	S	N	SO	(BCY66E(VII))			
25C16	S	N	TO	BC107A			
25C15A	S	N	TO	BC107A			
25C17	S	N	TO	BC107A			
25C17A	S	N	TO	BC107A			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25C18	S	N	TO	8C107A			
25C19	S	N	TO	(8C337-16)			
25C20	S	N	TO	(8C337-16)			
25C23C	S	N	FU	8D137			
25C26	S	N	FU	(8CY85EVIII)			
25C27	S	N	FU	(8CY85EVIII)			
25C28	S	N	FU	(8C107A)			
25C29	S	N	FU	(8C107A)			
25C30	S	N	NI	(8CY85EVIII)			
25C31	S	N	NI	(8CY85EVIII)	BC140	2N2218A	
25C32	S	N	NI	(8C107A)	BFX55		
25C32	S	N	NI	8FY13			
25C32A	S	N	NI	(8C137A)	BFX55		
25C33	S	N	NI	(8C187A)	BFX55		
25C37	S	N	NI	(8C197A)			
25C38	S	N	NI	(8C107A)	BFX55		
25C39	S	N	FU	(8F198)			
25C39A	S	N	FU	(8F198)			
25C40	S	N	FU	(8F198)			
25C41	S	N	SO	(8UJ310)	BU110		
25C42	S	N	SO	(8UJ310)			
25C42A	S	N	SO	(8UJ311)			
25C43	S	N	SO	(8UJ310)	BU110	2N1490	
25C44	S	N	SO	(8UJ310)	BU110		
25C45	S	N	NI	(8C107A)	BFX55		
25C46	S	N	FU	8SX46-6			
25C47	S	N	FU	8SX45-6			
25C48	S	N	FU	8SX47-6			
25C49	S	N	NI	8SX47-6			
25C50	S	N	MA	(8UJ312)	BU110		
25C51	S	N	FU	(8SX46-6)			
25C52	S	N	FU	(8SY34)			
25C53	S	N	FU	(8C107A)	BFX55		
25C54	S	N	FU	(8SX49)			
25C55	S	N	FU	(8SX48)			
25C57	S	N	NI	(8SX45-6)			
25C58	S	N	MA	(8F467)			
25C58A	S	N	MA	(8F457)			
25C59	S	N	FU, NI	8SX47-6			
25C60	G	N	SN, TS	(AC127)			
25C61	S	N	FU	(8SX46-6)			
25C62	S	N	HI	8SY63			
25C63	S	N	NI	8SY63			
25C64	S	N	SN, TS	(8CY66EVIII)	BSX45	2N4231	2N3252
25C64	S	N	SN, TS	8SX22			
25C66	S	N	SN, TS	(8F457)			
25C68	S	N	NI	8SY63			
25C69	S	N	NI	8SX47-6			
25C70	S	N	TO	(8F458)			25C48B
25C71	S	N	TO				
25C72	S	N	TO				
25C73	G	N	SO				
25C74	S	N	TO				
25C74gn	S	N	TO	(8C108A)	BFX55	2N168A	2N1086
25C74or	S	N	TO	(8C108B)			2773P
25C74r	S	N	TO	(8C108A)			
25C74ye	S	N	TO	(8C108B)			
25C75	G	N	SO			2N169	2N293
25C76	G	N	SO			2N169	2N293
25C77	G	N	SO			2N169	2N293
25C78	G	N	SO	ASY14			
25C79	S	N	FU	(8F199)	BF173	2N1109	2N1121
25C80	S	N	NI	(8F199)			
25C84	G	N	MT	(AC127)			2778H
25C85	G	N	MT	(AC127)			25C44A
25C86	G	N	MT	(AC127)			
25C87	S	N	FU	8C107A			
25C89	G	N	HI	ASY14			
25C90	G	N	HI	(AC127)		2N1304	
25C91	G	N	HI	(AC127)		2N1306	
25C92	S	N	NI	(8SX46-6)			
25C93	S	N	NI	(8SX45-6)			
25C94	S	N	NI	(8SX46-6)			
25C95	S	N	TO	(8SX47-6)			
25C97	S	N	NI	(8SY34)	BC140	2N3036	2N2218A

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25C97A	S	N	NI	(BSY34)			
25C98	S	N	MA	(BSY62)			
25C99	S	N	MA	(BSY62)			
25C100	S	N	NI	(BSY63)			
25C101	S	N	TO				
25C103	S	N	TO	BC107A	8DY91		25C782
25C103A	S	N	TO	BC107A			
25C104	S	N	TO	BC107A			
25C105	S	N	TO	BC109B	BC189	MPS6621	
25C106				BC169B	BC173		
25C106	S	N	TO				25A474
25C106							25A472
25C107	S	N	TO				25B216
25C108	S	N	TO	(BSY34)			25C400
25C108A	S	N	TO, YS	(BC141-6)			
25C109	S	N	TO	(BSY34)			
25C109A	S	N	TO, TS	(BC140-6)			25C393
25C110	S	N	HI	(BSY34)			
25C111	S	N	HI	(BSY34)			
25C112	S	N	HI	(BSY34)			
25C113	S	N	HI	(BSY34)			
25C114	S	N	HI	(BSY34)			
25C117	S	N	HI	BSX46-6			
25C118	S	N	HI	BSX46-6			
25C119	S	N	HI	BSX46-6			
25C120	S	N	NI	(BC107A)	BC140VI	2N2218A	2N3036
25C120				BSY46			
25C121	S	N	NI	(BC107A)	BC140VI	2N2218A	2N3036
25C121				BSY46			
25C122	S	N	NI	(BC107A)	BC140X	2N2218A	2N3036
25C122				BSY46			
25C122	S	N	NI	(BC107A)	BC140XVI	2N2218A	2N3036
25C123	S	N	NI	BSY46			
25C123				(BC107A)	BC140XVI	2N2218A	2N3036
25C124	S	N	NI	BSY46			
25C124				(BC107A)	BC140VI	2N2218A	2N3036
25C124				BSY46			
25C125	G	N	HI	(AF139)			
25C127	S	N	NI	(BC107A)	BC140XVI	2N2218A	2N3036
25C127				BSY46			
25C176	G	N	MA	(AC127)			
25C129	G	N	MA	(AC127)			
25C130	S	N	FU, CE	(BSX45-6)			
25C131	S	N	FU, CE	BSX49			
25C132	S	N	FU, CE	BSX48			
25C133	S	N	FU, CE	BSX48			
25C134	S	N	FU, CE	BSX49			
25C135	S	N	FU, CE	BSX48			
25C136	S	N	FU, CE	BSX49			
25C137	S	N	FU, CE	BSX48			
25C138	S	N	NI	BSY34			
25C138A	S	N	NI	BSY34			
25C139	S	N	NI	BSY34			
25C140	S	N	SO	(BSX46-6)			
25C147	S	N	SO	(BSX45-6)		2N2196	
25C149	S	N	NI	BSX47-6			
25C150	S	N	HI, CE	(BC107A)			
25C154	S	N	HI	(BF457)			
25C154C	S	N	HI	(BF457)			
25C154H	S	N	HI	(BF458)			
25C157	S	N	HI	(BC107A)			
25C158	S	N	HI	(BC107A)			
25C159	S	N	HI	(BC107A)			
25C160	S	N	HI	(BC107A)			
25C166	S	N	HI	(BC107A)			
25C167	S	N	HI	(BC107A)			
25C170	S	N	FU	BC108A	BC108	2N3391	25C458
25C170				BC183			
25C171	S	N	FU	BC108A			
25C172	S	N	FU	BC108A			
25C172A	S	N	FU	BC107A			
25C174	S	N	FU	(BC167A)	BC167	MPS6666	25C458
25C174				BC183	BC171A		
25C182	S	N	NI	(BC238A)			
25C183	S	N	NI	BF115			
25C184	S	N	NI	BF115			
25C185	S	N	NI	BF115			
				(BC108A)			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25C186	S	N	FU	(BC108A)			
25C187	S	N	FU	(BC108A)			
25C188	S	N	FU, CE	(BC337-16)			
25C189	S	N	FU, CE	(BC337-16)			
25C190	S	N	FU	(BC337-16)			
25C191	S	N	SO	(BCY65EV11)	2N1074	2N1075	
25C192	S	N	SO	(BCY65EV11)	2N1074	2N1075	
25C193	S	N	SO	(BCY65EV11)	2N336	2N337	
25C194	S	N	SO	(BCY65EV11)	2N1074	2N1075	
25C195	S	N	SO	(BC108A)	2N1278	2N1279	
25C196	S	N	SO	(BC108A)	2N1278	2N1279	
25C197	S	N	SO	(BC108A)	2N1277	2N1278	
25C198	S	N	TO	BSY34	BSX73	2N2218B	25C45:
25C199	S	N	TO	BSX61			
25C200	S	N	FU	(BSY34)	BFX55		
25C201	S	N	FU	(BSY34)	BFX55		
25C202	S	N	FU	(BSY34)	BFX55		
25C203	S	N	FU, CE	(BSX49)			
25C204	S	N	FU, CE	(BSX48)			
25C205	S	N	FU	(BSX49)			
25C206	S	N	FU	(BF198)	BF184		25C46:
25C206	S	N	FU	BF234			
25C210	S	N	FU	(BSX46-6)	BSY34	2N2218	25C47:
25C210	S	N	FU	BSXK1	BSX73		
25C211	S	N	FU	(BSX45-6)	BSY34	2N2218	25C47:
25C211	S	N	FU	BSX61	BSX73		
25C212	S	N	FU	(BSX47-6)	BSX45	2N4231	2N3252
25C212	S	N	FU	BSX22			
25C213	S	N	FU	(BSX46-6)			
25C214	S	N	FU	(BSX45-6)			
25C215	S	N	FU	(BSX47-6)			
25C216	S	N	FU, CE	(BSX46-6)			
25C217	S	N	FU	(BSX45-6)			
25C218	S	N	FU, CE	(BSX47-6)			
25C220	S	N	FU	(BSX46-6)			
25C221	S	N	FU	(BSX45-6)			
25C222	S	N	FU	(BSX47-6)			
25C223	S	N	FU	(BSX46-6)			
25C224	S	N	FU	(BSX45-6)			
25C225	S	N	FU	(BSX47-6)			
25C226	S	N	FU	(BSX46-6)			
25C227	S	N	FU	(BSX45-6)			
25C228	S	N	FU	(BSX47-6)			
25C229	S	N	FU	(BSX47-6)			
25C230	S	N	FU	BSX49	2N222A		
25C231	S	N	FU	(BSX46-6)			
25C232	S	N	FU	(BSX45-6)			
25C233	S	N	FU	(BSX47-6)	BSX63		
25C234	S	N	FU	(BSX46-6)			
25C235	S	N	FU	(BSX46-6)			
25C236	S	N	FU	(BSX46-6)			
25C237	S	N	FU	(BSX48)			
25C238	S	N	FU	(BSY58)			
25C239	S	N	FU	(BSX48)			
25C240	S	N	FU, NI	(BU310)			
25C244	S	N	NI	BU310			
25C245	S	N	NI	BU311			
25C246	S	N	NI	BU312			
25C247	S	N	FU	(BSX46-6)			
25C248	S	N	FU	(BCY65EV11)			
25C249	S	N	FU	(BCY65EV11)			
25C250	S	N	FU	(BF198)	BFY12	2N3568	
25C251	S	N	NI	(BFX89)			
25C251A	S	N	NI	(BFX89)			
25C252	S	N	NI, CE	(BFX89)			
25C253	S	N	NI, CE	(BFX89)			
25C270	S	N	SO	BU312			
25C281	S	N	HI	(BC108A)	BC107A	2N2821	25C48:
25C281	S	N	HI	BC102A			
25C281H	S	N	HI	(BC108A)			
25C282	S	N	HI	(BC108A)	BC108	2N3391	25C48:
25C282	S	N	HI	BC103A			
25C182H	S	N	HI	(BC108A)			
25C283	S	N	HI	(BC107A)	BCY65	2N2484	2N2483
25C283	S	N	HI	BC107B			25C64:

TYPE	M/S	POI	MANUFAC	EUROPEAN		AMERICAN	JAPANESE	USE
25C283H	S	N	HI	(8C107A)				
25C284	S	N	HI	(8CY65EVIII)	BSX49	2N222A		
25C284H	S	N	HI	(8CY65EVIII)				
25C285	S	N	NI, FU	(8SY34)				
25C291	S	N	SO	BSX63	BSW65	2N1893		
25C300	S	N	MT	(8SX49)	BSX48	2N222A		
25C301	S	N	MT	(8SX49)	BSX48	2N222A		
25C302	S	N	MT	BSX49				
25C303	S	N	MT	BSX45-6				
25C304	S	N	MT	BSX45-6				
25C305	S	N	MT	BSX47-6				
25C306	S	N	MT	BSX45-6				
25C307	S	N	MT	BSX45-6				
25C308	S	N	MT	BSX46-6				
25C309	S	N	MT	BSX47-6				
25C310	S	N	MT	BSX47-6				
25C313	S	N	MT, NS	(8FX89)	8C108A	2N3391		25C458
25C313	S	N	MA	8C183A				
25C316	S	N	MA	BCY581X	8C109	MPS6521		25C458
25C316	S	N	MA	8C184B				
25C318	S	N	SO	8C107A	8C182A	2N2921		25C458
25C318A	S	N	MA, SO	8C107A				
25C319	S	N	NI	BSY58	BSX48	2N2221		
25C320	S	N	NI	BSY58				
25C321H	S	N	HI	BSY63				
25C323	S	N	TO	BCY59VII				
25C350	S	N	HI	8C107B	8C128B	2N3568		
25C352	S	N	HI, SO	(8C107A)				
25C352A	S	N	SO	(8C107A)				
25C353	S	N	SO	(8CY65EVIII)				
25C353A	S	N	SO	(8CY65EVIII)				
25C354	S	N	FU	(8SX45-6)				
25C356	S	N	NI	(8SX48)				
25C360	S	N	TO	8C108A				
25C361	S	N	TO	8C167A				
25C362	S	N	TO	8C167B				
25C363	S	N	TO	8C167B				
25C366	S	N	TO	(8C337-16)	8SY77			25C499
25C366or	S	N	TO	(8C337-16)				
25C366r	S	N	TO	(8C337-16)				
25C366ye	S	N	TO	(8C337-16)				
25C366G	S	N	TO	(8C336-16)				
25C367	S	N	TO	(8C337-16)		2N930		
25C367gn	S	N	TO	(8C337-26)				
25C367or	S	N	TO	(8C337-16)				
25C367r	S	N	TO	(8C337-16)				
25C367ye	S	N	TO	(8C337-16)				
25C367G	S	N	TO	(8C337-16)				
25C368	S	N	TO	8C168B	8C107B	2N3568		
25C368	S	N	TO	8C182B				
25C369	S	N	TO	8C169C	8C168	MPS6620		25C371
25C369	S	N	TO	8C183				
25C369bl	S	N	TO	8C169C				
25C369gn	S	N	TO	8C169B				
25C369G	S	N	TO	8C168B				
25C369bl	S	N	TO	8C168C				
25C369gn	S	N	TO	8C168B				
25C370	S	N	TO	8C167A	8C168A	MPS6620		25C458
25C370	S	N	TO	8C183A	8C172A			
25C370G	S	N	TO	8C167A				
25C371	S	N	TO	8C167A	8C168A	MPS6620		25C458
25C371	S	N	TO	8C183A	8C172A			
25C371or	S	N	TO	8C167A				
25C371r	S	N	TO	8C167A				
25C371G	S	N	TO	8C167A				
25C372	S	N	TO	8C167	8C168A	MPS6620		25C458
25C372	S	N	TO	8C168B	8C183A			
25C372	S	N	TO	8C172A				
25C372or	S	N	TO	8C167A				
25C372ye	S	N	TO	8C167A				
25C372G	S	N	TO	8C167A				
25C373	S	N	TO	8C167B	8C168A	MPS6620		25C458
25C373	S	N	TO	8C168B	8C169C			
25C373	S	N	TO	8C183A	8C172A			
25C373G	S	N	TO	8C167A				

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25C374	S	N	TO	8C187B	8C188C		
25C374	S	N	TO	8C183C	8C172C		
25C374bl	S	N	TO	8C187B			
25C374r	S	N	TO	(8C:187B)			
25C376	S	N	TO	(8C:187A)			
25C377	S	N	TO	(8F 198)	8C187A	MP56586	25C458
25C377	S	N	TO	8C182A	8C171A		
25C377br	S	N	TO	(8F 198)			
25C377or	S	N	TO	8F 198			
25C377r	S	N	TO	(8F 198)			
25C378	S	N	TO	(8F 198)	8C187A	MP56586	25C458
25C378	S	N	TO	8C182A	8C171A		
25C378or	S	N	TO	(8F 198)			
25C378r	S	N	TO	(8F 198)			
25C378ve	S	N	TO	(8F 198)			
25C379	S	N	TO	8C187A	8C189	MP56521	
25C379	S	N	TO	8C189B	8C184B		
25C379	S	N	TO	8C173B			
25C380	S	N	TO	(8F 198)	8C167	MP55586	25C458
25C380	S	N	TO	8C167A	8C182A		
25C380	S	N	TO	8C172A			
25C380r	S	N	TO	(8F 198)			
25C380ve	S	N	TO	(8F 198)			
25C380A	S	N	TO	(8F 198)			
25C380Aor	S	N	TO	(8F 198)			
25C380Ar	S	N	TO	(8F 198)			
25C380Ave	S	N	TO	(8F 198)			
25C381	S	N	TO	(8F 198)	8C188	MP55520	25C458
25C381	S	N	TO	8C188A	8C183A		
25C381	S	N	TO	8C173A			
25C381or	S	N	TO	(8F 198)			
25C381or	S	N	TO	(8F 198)			
25C381r	S	N	TO	(8F 198)			
25C382	S	N	TO	(8F 198)	8F 173		25C444
25C382	S	N	TO	8F 224			
25C382or	S	N	TO	(8F 198)			
25C382r	S	N	TO	(8F 198)			
25C382C	S	N	TO	8F 232	8F 198		
25C382R	S	N	TO	8F 232	8F 198		
25C384	S	N	TO	(8F 255)	8F 232		25C484
25C384	S	N	TO	8F 173	8F 224		
25C384or	S	N	TO	(8F 254)			
25C384ve	S	N	TO	(8F 255)			
25C385	S	N	TO	(8FY90)	8F 232		25C464
25C385	S	N	TO	8F 224	8F 173		
25C385A	S	N	TO	(8FY90)			
25C386	S	N	TO	(8F 199)	8F 173		25C464
25C386	S	N	TO	8F 224			
25C386A	S	N	TO	(8F 199)			
25C387	S	N	TO	(8FY90)	8F X59		25C707
25C387A	S	N	TO	(8FY90)			
25C388	S	N	TO	(8F 199)	8F 173		25C464
25C388	S	N	TO	8F 224			
25C388A	S	N	TO	(8F 199)			
25C389	S	N	TO	(8F 199)	8F 173		25C484
25C389	S	N	TO	8F 224			
25C390	S	N	TO	(8FX59)			
25C391	S	N	TO	(8FX59)			25C551
25C392	S	N	TO	(8FX59)			
25C392A	S	N	TO	(8FX59)			
25C393	S	N	TO				
25C394	S	N	TO	(8F 198)	8C167	MP58586	25C395A
25C394	S	N	TO	8C182A	8C171A		25C458
25C394gn	S	N	TO	(8F 198)			
25C394or	S	N	TO	(8F 198)			
25C394r	S	N	TO	(8F 198)			
25C394ve	S	N	TO	(8F 198)			
25C395	S	N	TO	(8SY18)			25C391
25C395A	S	N	TO	(8SY18)	2N3794		
25C396	S	N	TO	(8SY63)			
25C397	S	N	TO	(8FX59)	8F 185		
25C398	S	N	TO	(8F 254)	8F 185		25C535
25C398	S	N	TO	8F 237	8F 125		
25C399	S	N	TO	(8F 254)	8F 185		25C535
25C399	S	N	TO	8F 237	8F 125		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25C400	S	N	TO, TS	8C107			
25C400gn	S	N	TO	8C107A			
25C400or	S	N	TO	8C107A			
25C400r	S	N	TO	8C107A			
25C400ve	S	N	TO	8C107A			
25C401	S	N	SO, NI	8C167B	8C182A	MPS6566	25C458
25C401	S	N	SO, NI	8C171A			
25C402	S	N	SO, NI	8C167B	8C182A	MPS6566	25C458
25C402	S	N	SO, NI	8C171A			
25C403	S	N	SO	(8C167B)	8C167A	MPS6566	25C458
25C403	S	N	SO	8C182A -	8C171A		
25C403A	S	N	SO	(8C167A)			
25C404	S	N	SO	8C167A	8C187B	MPS6566	25C458
25C404	S	N	SO	8C182A	8C171A		
25C405	G	N	MT, NI	(AC127)			
25C406	G	N	MT, NI	(AC127)			
25C407	S	N	SH, NI	8UY55			
25C408	S	N	SH, NI	8UY55			
25C409	S	N	SH, NI	8UY56			
25C410	S	N	SH, NI	8UY56			
25C411	S	N	SH, NI	8UY72			
25C412	S	N	SH, NI	8UY72			
25C423	S	N	SN	8SY58			
25C425	S	N	SN, TO	8SY58			
25C429	S	N	NI	(8F199)	8F173		25C464
25C429	S	N	NI	8F224			
25C430	S	N	NI	(8F199)			
25C431	S	N	SH	(8UY57)			
25C432	S	N	SH	(8UY57)			
25C433	S	N	SH	(8UY58)			
25C434	S	N	SH	(8UY58)			
25C435	S	N	SH	(8UY73)			
25C436	S	N	SH	(8UY73)			
25C437	S	N	MT	(8SX63-6)			
25C438	S	N	MT	(8SX63-6)			
25C440	S	N	MT	(8SY58)			
25C441	S	N	MT	(8SY58)			
25C442	S	N	MT	(8SY34)			
25C443	S	N	MT	(8SX45-6)			
25C444	S	N	MT	(8SX45-6)			
25C445	S	N	MT	(8SX47-6)			
25C454	S	N	HI	(8C163A)	8C148	2N3568	25C281
25C454	S	N	HI	8C148A	8C172A		
25C456	S	N	MA	(8SY34)	8SY58	2N2218	25C479
25C456	S	N	MA	8SX73			
25C458	S	N	HI, MA	(8C167A)	8C148A	2N3568	25C281
25C458	S	N	HI, MA	8C183A	8C172A		
25C458K	S	N	HI	(8C187A)			
25C458LG	S	N	HI	(8C167A)			
25C480	S	N	HI	(8C167A)	8C148	2N3568	25C281
25C480	S	N	HI	8C148A	8C183A		
25C480	S	N	HI	8C172A			
25C481	S	N	HI	(8C167A)	8C148	2N3568	25C281
25C481	S	N	HI	8C148A	8C183A		
25C483H	S	N	HI	(8F199)			
25C464	S	N	HI	(8F199)	8F173		
25C464	S	N	HI	8F224			
25C465	S	N	HI	(8F199)	8F173		25C464
25C465	S	N	HI	8F224			
25C466	S	N	HI	(8F199)	8F173		25C464
25C466	S	N	HI	8F224			
25C468H	S	N	HI	(8SY63)			
25C470	S	N	SO	(8F457)	8F178		25C656
25C470	S	N	SO	8F1400			
25C475	S	N	NI				
25C476	S	N	NI				
25C477	S	N	MA	8CY58V11			
25C478	S	N	MA	8CY59V11	8C107	2N3568	25C458
25C478	S	N	MA	8C182A		2N2921	
25C479H	S	N	HI	8SY34			
25C481	S	N	TO			2N699	25D237
25C482	S	N	TO			2N1613	25C485
25C482gn	S	N	TO	8SX45			
25C482or	S	N	TO	8SX45-16			
25C482ve	S	N	TO	8SX45-6			
25C482ve	S	N	TO	8SX45-10			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
ZSC484	S	N	TO	(BSX47)		ZSC110	
ZSC484bl	S	N	TO	(BSX47-10)			
ZSC484r	S	N	TO	(BSX47-6)			
ZSC484ye	S	N	TO	(BSX47-10)			
ZSC485	S	N	TO	BSX47	2N1893	ZSC489	
ZSC485bl	S	N	TO	BSX47-10			
ZSC485r	S	N	TO	BSX47-6			
ZSC485ye	S	N	TO	BSX47-10			
ZSC486	S	N	TO	BSX46		ZSC490	
ZSC486bl	S	N	TO	BSX46-16			
ZSC486r	S	N	TO	BSX46-6			
ZSC486ye	S	N	TO	BSX46-10			
ZSC487	S	N	TO	(BDY13)		ZSC791	
ZSC488	S	N	TO	(BDY13)			
ZSC489	S	N	TO	(BDY13)		ZSC485	
ZSC489bl	S	N	TO	(BDY13-16)			
ZSC489r	S	N	TO	(BDY13-6)			
ZSC489ye	S	N	TO	(BDY13-10)			
ZSC490	S	N	TO	BDY13		ZSC486	
ZSC490bl	S	N	TO	BDY13-16			
ZSC490r	S	N	TO	BDY13-6			
ZSC490ye	S	N	TO	BDY13-10			
ZSC491	S	N	TO	BDY12		ZSC482	
ZSC491bl	S	N	TO	BDY12-16			
ZSC491r	S	N	TO	BDY12-6			
ZSC491ye	S	N	TO	BDY12-10			
ZSC492	S	N	TO	BU300			
ZSC493	S	N	TO	BU300		ZSC497	
ZSC493bl	S	N	TO	BU300			
ZSC493r	S	N	TO	BU300			
ZSC493ye	S	N	TO	BU310			
ZSC494	S	N	TO	BU310		ZSC494	
ZSC494bl	S	N	TO	BU310			
ZSC494r	S	N	TO	BU310			
ZSC494ye	S	N	TO	BU310			
ZSC496	S	N	TO	BD139		ZSC490	
ZSC495or	S	N	TO	BD139-10			
ZSC495r	S	N	TO	BD139-6			
ZSC495ye	S	N	TO	BD139-10			
ZSC496	S	N	TO	BD136		ZSC498	
ZSC496or	S	N	TO	BD136-10			
ZSC496r	S	N	TO	BD136-6			
ZSC496ye	S	N	TO	BD136-16			
ZSC497	S	N	TO	BSX47		ZSC483	
ZSC497or	S	N	TO	BSX47-10			
ZSC497r	S	N	TO	BSX47-6			
ZSC497ye	S	N	TO	BSX47-10			
ZSC498	S	N	TO	BSX46		ZSC486	
ZSC498or	S	N	TO	BSX46-10			
ZSC498r	S	N	TO	BSX46-6			
ZSC498ye	S	N	TO	BSX46-16			
ZSC499	S	N	TO	(BF457)		ZSC500	
ZSC500	S	N	TO	(BF457)		ZSC489	
ZSC501	S	N	TO	(BSY34)		ZSC504	
ZSC502	S	N	TO			ZSC411	
ZSC503	S	N	TO	BSX46		ZSC504	
ZSC503gn	S	N	TO	BSX46-16			
ZSC503or	S	N	TO	BSX46-6			
ZSC503ye	S	N	TO	BSX46-10			
ZSC504	S	N	TO	BSX45	2N1711	ZSC503	
ZSC504gn	S	N	TO	BSX45-16			
ZSC504or	S	N	TO	BSX45-6			
ZSC504ye	S	N	TO	BSX45-10			
ZSC506	S	N	TO			ZSC5019	
ZSC508	S	N	TO			ZSC50	
ZSC509	S	N	TO	(BC337-16)			
ZSC509or	S	N	TO	(BC337-16)			
ZSC509ye	S	N	TO	(BC337-16)			
ZSC510	S	N	TO	(BSX47)		ZSC43	
ZSC510or	S	N	TO	(BSX47-10)			
ZSC510r	S	N	TO	(BSX47-6)			
ZSC511	S	N	TO	BSX47		ZSC12	
ZSC511or	S	N	TO	BSX47-10			
ZSC511r	S	N	TO	BSX47-6			
ZSC512	S	N	TO	BSX46	2N699	ZSC13	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2SC512or	S	N	TO	BSX46-10			
2SC512r	S	N	TO	BSX46-6			
2SC513	S	N	TO	BSX45			
2SC513or	S	N	TO	BSX45-10		2SC510	
2SC513r	S	N	TO	BSX45-6			
2SC515	S	N	TO				
2SC516	S	N	TJ	(BSX46-6)		2SC485	
2SC516A	S	N	TO	(BSX47-6)			
2SC517	S	N	TO		(2N3054)		
2SC518	S	N	TO	8U312			
2SC518A	S	N	TO	8U312			
2SC519	S	N	TO	8UY55			
2SC519A	S	N	TO	8UY56			
2SCR20	S	N	TO	8UY55		2SC101	
2SC520A	S	N	TO	8UY55		2SC101	
2SC521	S	N	TO	8UY55			
2SC521A	S	N	TO	8UY55			
2SC522	S	N	TO			2SC101	
2SC523	S	N	TO			2SC526	
2SC524	S	N	TP			2SC526	
2SC526	S	N	TO			2SC522	
2SC528	S	N	HI	8C168A			
2SC529	S	N	HI	8C167A			
2SC529A	S	N	HI	8C167A			
2SC529B	S	N	HI	8C167A			
2SC530	S	N	HI	8C167			
2SC530A	S	N	HI	8C167A			
2SC530B	S	N	HI	8C167A			
2SC530C	S	N	HI	8C167B			
2SC531	S	N	HI	8C167A			
2SC531A	S	N	HI	8C167A			
2SC531B	S	N	HI	8C167A			
2SC532	S	N	HI	8C167A			
2SC532A	S	N	HI	8C167A			
2SC532B	S	N	HI	8C167A			
2SC533	S	N	HI	8C167A			
2SC533A	S	N	HI	8C167A			
2SC533B	S	N	HI	8C167A			
2SC533C	S	N	HI	8C167A			
2SC535	S	N	HI, NS	(BF 255)	BF 232		
2SC535				BF 234	BF 184		
2SC538	S	N	MA	BCY58VIII	8C108		
2SC538				BC108A	8C108B		
2SC538A	S	N	MA	BCY58VIII			
2SC539	S	N	MA	BCY58VIII	BF 254		
2SC539				BF 229	BF 194		
2SC547	S	N	TO				
2SC548	S	N	TO				
2SC549	S	N	TO			2SC597	
2SC550	S	N	TO			2SC909	
						2SC647	
						2SC549	
2SC551	S	N	TO				
2SC552	S	N	TO				
2SC553	S	N	TO				
2SC555	S	N	TO			2SC555	
2SC555						2SC555	
2SC556	S	N	TO				
					2N497A		
					2N497A		
2SC558	S	N	TO	8UX17A	8U312		
2SC560	S	N	TO	BSX46-6			2SC508
2SC561	S	N	FU	(BF 198)	8C108	2N2406	
2SC561				8C183A		2N3391	
2SC562	S	N	MA, NS	(BF 198)			2SC458
2SC563	S	N	MA, NS	(BF 198)			
2SC567	S	N	NI	(BF X89)			
2SC568	S	N	NI	(BF Y90)			
2SC580	S	N	NI	(8CW77 16)			
2SC586	S	N	MA	8U312			
2SC587	S	N	MA, SO, TO	8C107B			
2SC587A	S	N	MA, SO, TO	8C107B			
2SC588	S	N	SO	(8SY58)			
2SC590	S	N	NI	BSX47-6			
2SC593	S	N	MA	(BF 198)			
2SC594	S	N	NI, TO	8SY34			
2SC594or	S	N	TO	8SY34			
2SC594r	S	N	TO	8SY34			
2SC594ve	S	N	TO	8SY34			
2SC595	S	N	NI, TO	8SX49	8SX48	2N2221	2SC495

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25C596	S	N	NI	85Y34			
25C597	S	N	FU, MA, TO	(85X48)			
25C601	S	N	MA	(85Y63)	8FX59	25C707	
25C605	S	N	NI	8F 173	8F 224	25C484	
25C608	S	N	NI	(8F 199)			
25C611	S	N	MA, NI, TO	(8FX89)	8FX59		
25C612	S	N	MA, NI, TO	(8FY90)		25C707	
25C613	S	N	NI	(85Y63)			
25C614	S	N	SN	(85X45-6)			
25C615	S	N	SN	(85X45-6)			
25C619	S	N	MT	8C108A			
25C620	S	N	MT	8C107A			
25C622	S	N	MT	8C108B	8C183A		
25C631	S	N	SO	(8C108A)	8C107B	2N3391	25C458
25C631	S	N	SO	8C182B			
25C631A	S	N	SO	(8C108A)			
25C632	S	N	SO	(8C107A)	8C108C		
25C632	S	N	SO	8C183C			
25C632A	S	N	SO	(8C107A)			
25C633	S	N	SO	(8C108A)	8C107A		
25C633	S	N	SO	8C182A			
25C633A	S	N	SO	(8C108A)			
25C634	S	N	SO	(8C107A)	8C107A		25C633
25C634	S	N	SO	8C182A			
25C634A	S	N	SO	(8C107A)			
25C640	S	N	NI	8C108C	8C183C		
25C641H	S	N	HI	(85Y63)			
25C641K	S	N	HI	(85Y63)			
25C642	S	N	TO	(8UY79)			
25C642A	S	N	TO	(8UY79)			25C487
25C643	S	N	TO	(8UY79)			
25C643A	S	N	TO	(8UY79)			
25C644	S	N	MA	(8C188B)	8C167B	MPS6566	
25C644	S	N	MA	8C182B	8C171B		
25C646	S	N	MA	(8UJ10)			
25C647	S	N	MA			(2N3442)	
25C648H	S	N	HI	(8C108B)			
25C649	S	N	HI	(8C108B)	8C107A	2N2921	25C458
25C649	S	N	HI	8C182A			
25C650	S	N	HI	(8C108B)	8C107B		
25C650	S	N	HI	8C182B			
25C654	S	N	NI	(8FX55)			
25C657	S	N	SO	(8F 189)	8F 173		25C464
25C657	S	N	SO	8F 224			
25C658	S	N	MT	(8F 199)	8F 173		25C464
25C658	S	N	MT	8F 224			
25C659	S	N	MT	(8F 199)	8F 173		25C464
25C659	S	N	MT	8F 224			
25C660	S	N	MT	(8F 199)			
25C661	S	N	MT	(8F 199)			
25C662	S	N	MT	(8F 199)			
25C664	S	N	HI	(8UY55)			
25C665	S	N	HI	(8UY55)			
25C668	S	N	SN, TS	(8F 199)			
25C674	S	N	SN, TS	(8F 199)			
25C680	S	N	HI	(8UY56)			
25C680A	S	N	HI	(8UY56)			
25C681	S	N	HI	(8UY56)			
25C681A	S	N	HI	(8UY56)			
25C682	S	N	HI, NS	(8F 199)	8F 173		25C464
25C682	S	N	HI	8F 224			
25C683	S	N	HI	(8F 199)	8F 173		25C464
25C683	S	N	HI	8F 224			
25C685	S	N	HI	(8UY78)			
25C685A	S	N	HI	(8UY78)			
25C686	S	N	NI	(8F457)			
25C687	S	N	MA	(8UY78)			
25C689A	S	N	MA	8C107A	8C182A	2N2921	25C458
25C689H	S	N	HI	(85Y63)	8C107A		
25C693	S	N	SN	(8C167B)			
25C694	S	N	SN	(8C168B)			
25C696	S	N	MA	85X40-6			
25C696A	S	N	MA	85X47-6			
25C708	S	N	HI	85X46-6			
25C708A	S	N	HI	85X47-6			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25C708AH	A	N	HI	BSX47-6			
25C708H	S	N	HI	BSX46-6			
25C709	S	N	MT	(BC108A)			
25C710	S	N	MT	BC167A			
25C711	S	N	MT	BC167B			
25C711A	S	N	MT	BC167B			
25C712	S	N	MT	BC167A	BC108	25C712A	
25C712	S	N	MT	BF173			
25C712A	S	N	MT	BC167A	BC168A		
25C712A	S	N	MT	BC173			
25C713	S	N	MT	(BC167A)			
25C714	S	N	MT	(BC167A)			
25C715	S	N	SN, TS	(BC167A)			
25C716	S	N	SN, TS	(BC168A)			
25C727	S	N	FU	(BF457)			
25C728	S	N	FU	(BF458)			
25C730	S	N	MT	(BFX55)			
25C732	S	N	TO	(BC413B)			
25C732	S	N	TO			25C733	
25C732bl	S	N	TO	(BC413C)			
25C732gn	S	N	TO	(BC413B)			
25C733	S	N	TO	BC167		25C732	
25C733bl	S	N	TO	BC167B			
25C733gn	S	N	TO	BC167B			
25C733or	S	N	TO	BC167A			
25C733ve	S	N	TO	BC167A			
25C734	S	N	TO	(BC167)	BC107B		
25C734	S	N	TO	BC167B	2N3508		
25C734gn	S	N	TO	(BC167B)			
25C734or	S	N	TO	(BC167A)			
25C734r	S	N	TO	(BC167A)			
25C734ve	S	N	TO	(BC167B)			
25C735	S	N	TO	(BC337)			
25C735gn	S	N	TO	(BC337-25)		25C649	
25C735or	S	N	TO	(BC337-18)			
25C735r	S	N	TO	(BC337-18)			
25C735ve	S	N	TO	(BC337-18)			
25C736	S	N	NI	(BUY55)			
25C738	S	N	MT	(BF255)			
25C739	S	N	MT	(BF255)			
25C740	S	N	MT	(BF255)			
25C741	S	N	MT	(BFX55)			
25C762	S	N	TO	(BSY63)		25C505	
25C762or	S	N	TO	(BSY63)			
25C762r	S	N	TO	(BSY63)			
25C762ve	S	N	TO	(BSY63)			
25C762G	S	N	TO	(BSY63)			
25C761	S	N	MA	(BFX59)			
25C762	S	N	MA	(BFX59)			
25C763	S	N	MT	(BF198)			
25C765	S	N	MT	(BUY55)			
25C766	S	N	MT	(BUY55)			
25C767	S	N	MT	(BUY58)			
25C768	S	N	MT	(BUY55)			
25C769	S	N	MT	(BUY55)			
25C770	S	N	MT	(BUY58)			
25C771	S	N	MT	(BUY58)			
25C772	S	N	SN	(BF198)			
25C773	S	N	MT	BC167			
25C779	S	N	TO	(BUY77)	2N3584		
25C779or	S	N	TO	(BUY77)			
25C779r	S	N	TO	(BUY77)			
25C779ve	S	N	TO	(BUY77)			
25C780	S	N	TO	(BF457)			
25C780or	S	N	TO	(BF457)	85X 21		
25C780r	S	N	TO	(BF457)			
25C780ve	S	N	TO	(BF457)			
25C780A	S	N	TO	(BF457)			
25C780Aor	S	N	TO	(BF457)			
25C780Ar	S	N	TO	(BF457)			
25C782	S	N	TO	(BUY77)		25C783	
25C782or	S	N	TO	(BUY77)			
25C782r	S	N	TO	(BUY77)			
25C782ve	S	N	TO	(BUY77)			
25C782A	S	N	TO	(BUY77)	2N3685		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25C783	S	N	TO	(BUY 77)	2N3583		
25C783or	S	N	TO	(BUY 77)			
25C783r	S	N	TO	(BUY 77)			
25C783ve	S	N	TO	(BUY 77)			
25C784	S	N	TO	(BF 198)		25C785	
25C784br	S	N	TO	(BF 198)			
25C784or	S	N	TO	(BF 198)			
25C784r	S	N	TO	(BF 198)			
25C784ve	S	N	TO	(BF 198)		25C784	
25C785	S	N	TO	(BF 198)			
25C785br	S	N	TO	(BF 198)			
25C785or	S	N	TO	(BF 198)			
25C785r	S	N	TO	(BF 198)			
25C785ve	S	N	TO	(BF 198)			
25C786	S	N	TO	(BF 198)			
25C787	S	N	TO	(BF X59)			
25C789	S	N	TO	BD439	2N6292		
25C789or	S	N	TO	BD439			
25C789r	S	N	TO	BD439			
25C789ve	S	N	TO	BD439			
25C790	S	N	TO	BD437	2N6290		
25C790or	S	N	TO	BD437			
25C790ve	S	N	TO	BD437			
25C791	S	N	TO		12N30541	25C642	
25C792	S	N	TO	BUY 168			
25C793	S	N	TO	BUY 55		25C595	
25C793bl	S	N	TO	BUY 65			
25C793r	S	N	TO	BUY 65			
25C793ve	S	N	TO	BUY 65			
25C796	S	N	FU	(BSX45-6)			
25C797	S	N	FU	(BSX45-6)			
25C798	S	N	FU	(BSX45-6)			
25C799	S	N	NI	(BSX63-6)			
25C802	S	N	FU	(BSX45-6)			
25C803	S	N	FU	(BSX45-6)			
25C805	S	N	SO	(BF 457)			
25C806	S	N	SO	(BUY 76)			
25C806A	S	N	SO	(BUY 76)			
25C807	S	N	SO	(BUY 58)			
25C807A	S	N	SO	(BUY 58)			
25C815	S	N	NI	BC 167A			
25C816	S	N	MT	BSX45-6			
25C817	S	N	MT	(BF 457)			
25C818	S	N	MT	(BF 457)			
25C823	S	N	NI	(BF X55)			
25C824	S	N	NI	(BF X55)			
25C825	S	N	FU	(BUY 79)			
25C826	S	N	FU	BSX46-10			
25C827	S	N	FU	BSX46-10			
25C828	S	N	MA	BC 187A	BC 167	MPS6566	
25C828	S	N	MA	BC 182A	BC 171A		
25C828	S	N	MA	BC 9H7			
25C828A	S	N	MA	BC 187A			
25C829	S	N	MA	(BF 254)	BF 494		
25C830	S	N	HI			12N30541	
25C833	S	N	TO	(BUY 79)			
25C838	S	N	NI	(BC 167A)			
25C839	S	N	NI	(BC 167A)	BC 167	MPS6566	25C4-B
25C839	S	N	NI	BC 182A	BC 171A		
25C840	S	N	MA	(BUY 55)			
25C840A	S	N	MA	(BUY 55)			
25C841H	S	N	HI	(BS 763)			
25C847	S	N	FU	BC 108A			
25C848	S	N	FU	BC 108A			
25C849	S	N	FU	BC 338-16			
25C850	S	N	FU	BC 337-16			
25C854	S	N	FU	(BF X55)			
25C855	S	N	FU	(BF X55)			
25C856	S	N	HI	(BF 457)	BF 178		
25C857H	S	N	HI	(BC 177A)			
25C857K	S	N	HI	(BC 177A)			
25C858	S	N	SN, TS	(BC 168B)			
25C859	S	N	SN, TS	(BC 168B)			
25C864	S	N	TO	(BF 198)	BF 167	MPS6566	25C4-8
25C864	S	N	TO	BC 182A	BC 171A		

TYPE	MS	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25C867	S	N	SO	(BUY78)			
25C869	S	N	MT	(BF457)			
25C875	S	N	SN, TS	(BSX47-10)			
25C876	S	N	SN, TS	(BSX46-10)			
25C881	S	N	NI	BC167A			
25C894	S	N	SO	(BC108A)	BC108		
25C894	S	N	SO	BC182A			
25C895	S	N	SO	(BUY77)			
25C896	S	N	NI	BC107A			
25C897	S	N	HI	BUY55	BDY90		
25C898	S	N	HI	BUY55			
25C900	S	N	NI	(BC167B)			
25C901	S	N	MA	(BUY77)			
25C901A	S	N	MA	(BUY77)			
25C907	S	N	HI	(BSX48)			
25C907A	S	N	HI	(BSX49)			
25C907AH	S	N	HI	(BSX49)			
25C907H	S	N	HI	(BSX48)			
25C912	S	N	MT	BC108A	BC182A		
25C913	S	N	NI	(BSX49)			
25C914	S	N	NI	(BSX49)			
25C915	S	N	NI	(BSX49)			
25C917	S	N	HI	(BC187A)	BF177		
25C918	S	N	SO	(BF198)			
25C923	S	N	NI	(BC167B)			
25C926	S	N	SO	(BF457)			
25C927	S	N	SN, TS	(BFX89)			
25C928	S	N	SN, TS	(BFX89)			
25C929	S	N	SN, TS	(BF198)			
25C930	S	N	SN, TS	(BF198)			
25C935	S	N	HI	BUY78			
25C936	S	N	HI	(BUY79)			
25C937	S	N	HI	(BUY79)			
25C939	S	N	NI	(BUY55)			
25C940	S	N	NI	(BUY55)			
25C941	S	N	TO	(BC413)	BC168	MPS6520	
25C941	S	N	TO	BC188A	BC163A		
25C941	S	N	TO	BC172A			
25C941or	S	N	TO	(BC413B)			
25C941r	S	N	TO	(BC413B)			
25C941ye	S	N	TO	(BC413B)			
25C943	S	N	NI	(BCY85EVII)	BC107		
25C943	S	N	NI	BC182A			
25C944	S	N	NI	(BC167A)			
25C945	S	N	NI	(BC167B)			
25C947	S	N	MA	(BFX59)			
25C948	S	N	MA	(BFX59)			
25C959	S	N	NI	(BSX47-6)			
25C960	S	N	NI	(BSX47-10)			
25C979	S	N	TO	BCY86E			
25C979or	S	N	TO	(BCY85EVII)			
25C979r	S	N	TO	BCY85EVII			
25C979ye	S	N	TO	BCY85EVII			
25C979A	S	N	TO	(BCY86E)			
25C979Aor	S	N	TO	(BCY85EVII)			
25C979Ar	S	N	TO	(BCY85EVII)			
25C980	S	N	TO	(BC167)			
25C980or	S	N	TO	(BC167A)			
25C980r	S	N	TO	(BC167A)			
25C980ye	S	N	TO	(BC167A)			
25C980A	S	N	TO	(BC167)			
25C980Aor	S	N	TO	(BC167A)			
25C980Ar	S	N	TO	(BC167A)			
25C983	S	N	TO	(BF458)			
25C983or	S	N	TO	(BF458)			
25C983r	S	N	TO	(BF458)			
25C983ye	S	N	TO	(BF458)			
25C984	S	N	HI	BC337-16			
25C988	S	N	NI	(BFR15)			
25C988A	S	N	NI	(BFR15)			
25C988B	S	N	NI	(BFR15)			
25C989	S	N	NI	(BFR34)			
25C994	S	N	TO	(BFX55)			
25C995	S	N	TO	(BF459)			
25C996	S	N	TO	(BF458)			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
ZSC997	S	N	TO	(BF199)			
ZSC998	S	N	TO	(BFX55)			
ZSC999	S	N	TO	(BL Y79)			
ZSC999A	S	N	TO	(RL Y79)			
ZSC1000	S	N	TO	BC167B			
ZSC1000b	S	N	TO	BC167B			
ZSC1001	S	N	TO	(BFX55)			
ZSC1004	S	N	TO	(BU Y79)			
ZSC1004A	S	N	TO	(BU Y79)			
ZSC1005	S	N	SN, TO	(BU Y79)			
ZSC1005A	S	N	SN, TO	(BU Y79)			
ZSC1006	S	N	NI	BCY59X			
ZSC1008	S	N	NI	BSX46-16			
ZSC1010	S	N	NI	BCY59X	8C110	ZSC856	
ZSC1010	S	N	NI	BC177)	BC174		
ZSC1012	S	N	MA	(BF458)			
ZSC1012A	S	N	MA	(BF458)			
ZSC1013	S	N	MT	(BD135)			
ZSC1014	S	N	MT	(BD135)			
ZSC1017	S	N	MT	(BD139)			
ZSC1018	S	N	MT	(BO139)			
ZSC1024	S	N	SN, TS		2N3054		
ZSC1025	S	N	SN, TS		(2N3054)		
ZSC1030	S	N	HI	BUY55			
ZSC1031	S	N	NI, FU	(BL Y79)			
ZSC1033	S	N	MA	(BF458)			
ZSC1033A	S	N	MA	(BF458)			
ZSC1034	S	N	SO	(BU Y79)			
ZSC1035	S	N	SN, TS	(BF X89)			
ZSC1036	S	N	SN, TS	(BF X89)			
ZSC1047	S	N	MA	(BF 254)			
ZSC1050	S	N	SN, TS	BUY79			
ZSC1051	S	N	SN, TS	BUY55			
ZSC1056	S	N	SO	(BF 459)			
ZSC1059	S	N	HI	(BF 459)			
ZSC1060	S	N	HI	(BD439)			
ZSC1061	S	N	HI	(BD439)			
ZSC1081K	S	N	HI	(BD439)			
ZSC1082	S	N	NI	(BF 458)			
ZSC1071	S	N	NI	(BSX49)			
ZSC1072	S	N	NI	(BSX49)			
ZSC1072A	S	N	NI	(BSX49)			
ZSC1079	S	N	SN, TO		2N3442		
ZSC1079a	S	N	TO		2N3442		
ZSC1079ya	S	N	TO		2N3442		
ZSC1080	S	N	SN, TO		2N4347		
ZSC1080r	S	N	TO		2N4347		
ZSC1080ya	S	N	TO		2N4347		
ZSC1088	S	N	MT	(BF 459)			
ZSC1089	S	N	MT	(BF 459)			
ZSC1096	S	N	NI	(BD135)			
ZSC1098	S	N	NI	(BD139)			
ZSC1101	S	N	NI	(BU Y79)			
ZSC1104	S	N	NI	(BU Y79)			
ZSC1105	S	N	NI	(BU Y77)			
ZSC1111	S	N	SA	BUY55			
ZSC1112	S	N	SA	BUY55			
ZSC1114	S	N	SA	BUY77			
ZSC1115	S	N	SA	BUY55			
ZSC1116	S	N	SA	BUY56			
ZSC1117	S	N	HI	(BF X59)			
ZSC1123	S	N	SO	(BF 199)			
ZSC1124	S	N	SO	(BF 458)			
ZSC1127	S	N	SO	(BF 458)			
ZSC1129	S	N	SO	(BF 198)			
ZSC1160	S	N	NI	(BU Y56)			
ZSC1161	S	N	NI	(BU Y58)			
ZSC1162	S	N	HI	(BD135)			
ZSC1165	S	N	TO	(BF X55)			
ZSC1166	S	N	TO	(BC167)			
ZSC1166gn	S	N	TO	(BC167B)			
ZSC1166or	S	N	TO	(BC167A)			
ZSC1166r	S	N	TO	(BC167A)			
ZSC1166ya	S	N	TO	(BC167A)			
ZSC1167	S	N	TO	(BU Y79)			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
ZSC1168	S	N	TO	(BF459)			
ZSC1170	S	N	TO	(BUY79)			
ZSC1170B	S	B	TO	(BUY79)			
ZSC1171	S	N	TO	(BUY79)			
ZSC1172	S	N	TO	(BUY79)			
ZSC1172A	S	N	TO	(BUY79)			
ZSC1173	S	N	TO	(BD437)	2N6288		
ZSC1173gn	S	N	TO	(BD437)			
ZSC1173or	S	N	TO	(BD437)			
ZSC1173r	S	N	TO	(BD437)			
ZSC1173ye	S	N	TO	(BD437)			
ZSC1174	S	N	HI	(BUY79)			
ZSC1175	S	N	SN, TS	(BC167A)			
ZSC1180	S	N	SN, TS	(BFX59)			
ZSC1187	S	N	NI	(BF198)			
ZSC1195	S	N	TO	8UX16	(BUY72)		
ZSC1204	S	N	HI	(BF240)			
ZSC1205	S	N	HI	(BF241)			
ZSC1212	S	N	HI	(BO137)			
ZSC1212A	S	N	HI	(BO139)			
ZSC1213	S	N	HI	(BC337-16)			
ZSC1213A	S	N	HI	(BC337-16)			
ZSC1213K	S	N	HI	(BC337-16)			
ZSC1214	S	N	HI	(BC337-16)			
ZSC1215	S	N	MA	(BFX59)			
ZSC1222	S	N	NI	8C167B			
ZSC1226	S	N	MA	(BD135)			
ZSC1226A	S	N	MA	(BD135)			
ZSC1235	S	N	SN, TS	(BF459)			
ZSC1258	S	N	NI	(BFR14A)			
ZSC1269	S	N	NI	(BFR14A)			
ZSC1270	S	N	NI	(BFR14A)			
ZSC1271	S	N	NI	(BFR14A)			
ZSC1272	S	N	NI	(BFR14A)			
ZSC1275	S	N	NI	(BFY90)			
ZSC1279	S	N	NI	(BF458)			
ZSC1285	S	N	SN	(BC167A)			
ZSC1293	S	N	SN, TS	(BF198)			
ZSC1295	S	N	SN, TS	(BUY79)			
ZSC1298	S	N	SN	(BUY79)			
ZSC1303	S	N	MA	8SX45-6			
ZSC1308	S	N	NI	(BO139)			
ZSC1308	S	N	SN, TS	(BUY79)			
ZSC1316	S	N	SO	(BUY79)			
ZSC1317	S	N	MA	(BC338-16)			
ZSC1318	S	N	MA	(BC337-16)			
ZSC1325	S	N	NI	(BUY79)			
ZSC1335	S	N	HI	(BF240)			
ZSC1336	S	N	NI	(BFR14A)			
ZSC1343	S	N	HI	8UY55			
ZSC1343H	S	N	HI	8UY55			
ZSC1344	S	N	HI	(BC237A)			
ZSC1345	S	N	HI	(BC237A)			
ZSC1358	S	N	NI	(BUY79)			
ZSC1359	S	N	MA	(BF254)			
ZSC1367	S	N	HI	(BUY79)			
ZSC1367A	S	N	HI	(BUY79)			
ZSC1368	S	N	HI	(BD135)			
ZSC1380	S	N	TO	8C414B			
ZSC1380bl	S	N	TO	8C414C			
ZSC1380gn	S	N	TO	8C414B			
ZSC1380A	S	N	TO	8C414B			
ZSC1380Abl	S	N	TO	8C414C			
ZSC1380Agn	S	N	TO	8C414B			
ZSC1381	S	N	TO	(BF457)			
ZSC1382	S	N	TO	8D139			
ZSC1382or	S	N	TO	8O139-10			
ZSC1382ye	S	N	TO	8D139-10			
ZSC1385H	S	N	HI	(BSY34)			
ZSC1386H	S	N	HI	(BSY34)			
ZSC1398	S	N	MA	(BD441)			
ZSC1402	S	N	SA	(BUY55)			
ZSC1403	S	N	SA	(BUY55)			
ZSC1413	S	N	HI	(BUY79)			
ZSC1413A	S	N	HI	(BUY79)			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2SC1416	S	N	TO	(8C1078)			
2SC1416A	S	N	TO	(8C1078)			
2SC1418	S	N	HI	(8D439)			
2SC1419	S	N	HI	(8D439)			
2SC1424	S	N	NI	(8F190)			
2SC1433	S	N	TO	BUY79			
2SC1434	S	N	TO	BUY76			
2SC1436	S	N	SA	(BUY72)			
2SC1440	S	N	SA	BUY56			
2SC1441	S	N	SA	BUY72			
2SC1444	S	N	SA	(BUY55)			
2SC1445	S	N	SA	(BUY55)			
2SC1447	S	N	TO	(8F459)			
2SC1448A	S	N	TO		TA8863		
2SC1449	S	N	NI	(8D136)			
2SC1450	S	N	MA	(BUY77)			
2SC1453	S	N	TO	(8CY65EVIII)			
2SC1454	S	N	SA	BUY77			
2SC1456	S	N	NI	(8F459)			
2SC1458	S	N	NI	(8FR14A)			
2SC1466	S	N	SH	(BUY79)			
2SC1467	S	N	SH	(BUY79)			
2SC1468	S	N	SH	(BUY79)			
2SC1469	S	N	SH	(BUY79)			
2SC1504	S	N	SA	(BUY78)			
2SC1505	S	N	NI	(8F459)			
2SC1506	S	N	NI	'8F459)			
2SC1507	S	N	NI	(8F459)			
2SC1514	S	N	HI	(8F459)			
2SC1515K	S	N	HI	(8F458)			
2SC1516K	S	N	HI	(8D136)			
2SC1517AK	S	N	HI	(8D139)			
2SC1520	S	N	NI	(8F458)			
2SC1521	S	N	NI	(8F458)			
2SC1576	S	N	TO	BLX16			
2SD11	G	N	NI	(AC127)			
2SD15	S	N	HI, SA			(2N3055)	
2SD16	S	N	HI, SA			(2N3055)	
2SD17	S	N	SA			(2N3442)	
2SD18	S	N	SA	(BUY56)			
2SD19	G	N	NI	(AC127)			
2SD20	G	N	NI	(AC127)			
2SD21	G	N	NI	(AC127)			
2SD22	G	N	NI	(AC127)			
2SD23	G	N	NI	(AC127)			
2SD24	S	N	SN, TS	(8F459)			
2SD25	G	N	NI	(AC127)			
2SD28	S	N	SO			(2N3054)	
2SD29	S	N	SO			(2N3054)	
2SD30	G	N	TS	AC127	AC179	2N2430	2SD96
2SD31	G	N	MA	AC127	AC179	2N2430	2SD96
2SD32	G	N	MA	AC127	AC179	2N2430	2SD96
2SD33	G	N	FU	AC127	AC179	2N2430	2SD96
2SD34	G	N	FU	AC127	AC179	2N2430	2SD96
2SD36	G	N		AC127	AC179	2N2430	2SD96
2SD36	G	N		AC127	AC179	2N2430	2SD96
2SD37	G	N	FU	AC127	AC179	2N2430	2SD96
2SD38	G	N	FU	AC127	AC179	2N2430	2SD96
2SD41	S	N	TO	(BUY57)			
2SD43	G	N	TO	(AC127)			
2SD43A	G	N	TO	AC127	AC179	2N2430	2SD96
2SD44	G	N	TO	AC127	AC179	2N2430	2SD96
2SD45	S	N	SO	BU110			
2SD46	S	N	SO	8C130	AM291	2N3055	
2SD47	S	N	HI, SO, CE	(BU114)	BO130	2N3059	2SD96
2SD47				8D109	AM291		
2SD48	S	N	FU	BUY46		(2N3054)	
2SD49	S	N	SO	BUY46		(2N3054)	
2SD50	S	N	FU	BO130	AM291	2N3055	
2SD51	S	N	TO, SO	8C130	AM291	2N3055	
2SD51A	S	N	SO, TO			(2N3055)	
2SD53	S	N	TO, FU	8D130	AM291	2N3055	
2SD54	S	N	FU	8D130	AM291	2N3055	
2SD55	S	N	TO	(BUY57)			
2SD55A	S	N	TO	(BUY58)			

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2SD56	S	N	SO	BU110					
2SD57	S	N	MT	BUY43		(2N3054)			
2SD58	S	N	MT	BUY43		(2N3054)			
2SD59	S	N	MT, CE	BD130	AM291	2N3055			
2SD60	S	N	MT	BD130	AM291	2N3055			
2SD61	G	N	SO	AC127	AC179	2N2430	2N647	2SD96	
2SD61	G	N	SO	ASY28				2T682	
2SD62	G	N	SO	AC127	AC179	2N2430	2N647	2SD96	
2SD62	G	N	SO	ASY28				2T681	
2SD63	G	N	SO	AC127	AC179	2N2430	2N647	2SD96	
2SD63	G	N	SO					2T69	
2SD64	G	N	SO	AC127	AC179	2N2430	2N647	2SD96	
2SD64	G	N	SO					2T648	
2SD65	G	N	SO	AC127	AC179	2N2430	2N647	2SD96	
2SD65	G	N	SO					2T65R	
2SD66	G	N	SO	AC127	AC179	2N2430	2N647	2SD96	
2SD67	S	N	SN, TS	BU114					
2SD68	S	N	SN, HI, TS	BU114					
2SD69	S	N	SO	(BUY55)					
2SD70	S	N	NI	(BDY12-10)	BD100	2N3054		2SD96	
2SD70	S	N	NI	BDY34	BD124				
2SD70	S	N	NI	BD107					
2SD71	S	N	NI	(BDY13-10)	BUY46				
2SD72	G	N	SN, TS	(AC127)					
2SD73	S	N	NI	BD130	AM291	2N3055			
2SD74	S	N	NI	BU110			2N342		
2SD75	G	N	HI	AC127	AC176	2N2430			
2SD75	G	N	HI	AC186	AC187K				
2SD75A	G	N	HI	(AC127)					
2SD75AH	G	N	HI	(AC127)					
2SD75H	G	N	HI	(AC127)					
2SD77	G	N	HI	AC127	ASY29	2N2430			
2SD77A	G	N	HI	(AC127)					
2SD77AH	G	N	HI	(AC127)					
2SD77H	G	N	HI	(AC127)					
2SD78	S	N	NI	BSX63	BSX63-10				
2SD78	S	N	NI	BUY46		(2N3054)			
2SD80	S	N	SA	(BU114)	BD130	2N3055			
2SD80	S	N	SA	AM291					
2SD81	S	N	SA	(BU114)	BD130	2N3055			
2SD81	S	N	SA	AM291					
2SD82	S	N	SA	(BU114)	BD130	2N3055			
2SD82	S	N	SA	AM291					
2SD83	S	N	SA	(BU114)	BD130	2N3055			
2SD83	S	N	SA	AM291					
2SD84	S	N	SA	(BU114)	BU110				
2SD88	S	N	SO	BUY77					
2SD88A	A	N	SO	BUY74					
2SD90	S	N	SA			(2N3054)			
2SD91	S	N	SA			(2N3054)			
2SD97	S	N	SA			(2N3054)			
2SD96	G	N	HI	AC187K	AC175K				
2SD96	G	N	HI	(AC127)					
2SD102	S	N	TO	BU110		2N6261	(2N3054)		
2SD102or	S	N	TO			(2N3054)			
2SD102r	S	N	TO			(2N3054)			
2SD102yr	S	N	TO			(2N3054)			
2SD103	S	N	TO			2N3084			
2SD103or	S	N	TO			2N3054			
2SD103r	S	N	TO			2N3064			
2SD103yr	S	N	TO			(2N3054)			
2SD104	G	N	TO	AC127	AC179	2N2430		2SD96	
2SD105	G	N	TO	AC127	AC179	2N2430		2SD96	
2SD110	S	N	TO	BUY55				2SD111	
2SD110or	S	N	TO	BUY55					
2SD110r	S	N	TO						
2SD110yr	S	N	TO						
2SD111	S	N	TO	BUY55				2SD113	
2SD111or	S	N	TO	BUY55					
2SD111r	S	N	TO	BUY55					
2SD111yr	S	N	TO	BUY55					
2SD113	S	N	TO	BUY55				2SD111	
2SD113or	S	N	TO	(BUY57)					
2SD113r	S	N	TO	(BUY57)					
2SD113yr	S	N	TO	(BUY57)					
2SD114	S	N	TO	(BUY57)				2SD113	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
2SD114or	S	N	TO	(BUY57)			
2SD114r	S	N	TO	(BUY57)			
2SD114ye	S	N	TO	(BUY57)			
2SD118	S	N	TO	BUY55	BU110		
2SD118bl	S	N	TO	BUY55			
2SD118r	S	N	TO	BUY55			
2SD118ye	S	N	TO	BUY55			
2SD119	S	N	TO	BUY55	BU110		
2SD119bl	S	N	TO	BUY55			
2SD119r	S	N	TO	BUY55			
2SD119ye	S	N	TO	BUY55			
2SD120	S	N	HI	(BSX45-6)			
2SD120H	S	N	HI	(BSX45-6)			
2SD121	S	N	HI	(BSX46-6)			
2SD121H	S	N	HI	(BSX46-6)			
2SD122	S	N	HI			2N3054	
2SD123	S	N	HI			2N3054	
2SD124	S	N	HI	BD130	AM291	2N3055	MJD3055
2SD124A	S	N	HI	BD130	AM291	2N3055	
2SD125AH	S	N	HI			(2N4347)	(2N3055)
2SD124H	S	N	HI	BD130			
2SD125	S	N	HI	BD130	AM291	2N3055	MJD3055
2SD125A	S	N	HI	BD130	AM291	2N3055	
2SD125H	S	N	HI	BD130			
2SD125H	S	N	HI	BU110		(2N3442)	
2SD128A	G	N	SO	(AC127)			
2SD129	S	N	TO			2N6372	(2N3054)
2SD129bl	S	N	TO			(2N3054)	
2SD129r	S	N	TO			(2N3054)	
2SD129ye	S	N	TO			(2N3054)	
2SD130	S	N	TO			2N3054	
2SD130bl	S	N	TO			2N3054	
2SD130r	S	N	TO			2N3054	
2SD130ye	S	N	TO			2N3054	
2SD132	S	N	NI	(BUY57)			
2SD141	S	N	NI, HI	(BDY12-15)	BUY43		
2SD142	S	N	NI	(BDY12-15)	BUY43		
2SD143	S	N	NI	(BDY13-16)	BUY46		
2SD144	S	N	NI	(BDY13-16)	BD109	2N3054	2S#830
2SD144	S	N	NI	BDY34	BD124		
2SD144	S	N	FU	BD107			
2SD146	S	N	FU, HI, CE	BD109	BDY34	2N3054	2S#830
2SD146	S	N	FU, HI, CE	BD124	BD107		
2SD147	S	N	FU, HI, CE	BDY13		2N3054	
2SD150	S	N	NI			2N3054	
2SD151	S	N	NI	BD130	AM291	2N3055	
2SD152	S	N	NI	BY110			
2SD154	S	N	NI	(BDY13-10)	BDY13		
2SD155	S	N	NI	(BDY13-10)			
2SD156	S	N	FU	(BUY77)			
2SD157	S	N	FU	(BUY79)			
2SD158	S	N	FU	(BUY77)			
2SD159	S	N	FU	(BUY79)			
2SD162	G	N	FU	(AC127)			
2SD163	S	N	SA			2N3055	
2SD164	S	N	SA			2N3055	
2SD165	S	N	SA			2N3442	
2SD166	S	N	SA	(BUY56)			
2SD167	G	N	FU	(AC127)			
2SD170	G	N	HI	(AC127)			
2SD170A	G	N	HI	AC127			
2SD171	S	N	SO	(BUY77)			
2SD172	S	N	FU	BD130	AM291	2N3055	
2SD173	S	N	FU	BD130	AM291	2N3055	
2SD174	S	N	FU, HI, CE	BUY46		2N3055	
2SD176	S	N	FU, CE	BD130	AM291	2N3055	
2SD176	S	N	FU	BD130	AM291	2N3055	
2SD177	S	N	FU			2N4347	
2SD178	G	N	MA	(AC127)			
2SD178A	G	N	MA	(AC127)			
2SD180	S	N	NI	BD130	AM291	2N3055	
2SD182	S	N	FU	(BSX45-6)	BUY43		
2SD183	S	N	FU	(BSX46-6)	BUY46		
2SD184	S	N	FU	(BSX45-6)	BUY46		
2SD185	S	N	FU	(BSX46-6)	BUY46		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
25D186	G	N	TS	AC127	AC179	2N2430	
25D187	G	N	TS	AC127	AC179	2N2430	
25D188	S	N	NI	(BU114)			
25D189	S	N	MA	BUY55	BU110		
25D189A	S	N	MA, HI	BUY55	BU110		
25D191	G	N	TO	(AC127)			
25D192	G	N	TO	(AC127)			
25D193	G	N	TO	(AC127)			
25D194	G	N	TO	(AC127)			
25D195	G	N	FU, CE	AC127	AC179	2N2430	
25D196	S	N	FU	BUY551V			
25D197	S	N	FU	BUY551V			
25D198	S	N	MA	(BUY78)	BU111		
25D199	S	N	MA	(BUY78)			
25D200	S	N	SA, MA	(BUY79)			
25D201	S	N	SA	(BU114)			
25D202	S	N	SA	(BU114)			
25D203	S	N	SA	(BU114)			
25D204	S	N	NI	(8SX45)			
25D211	S	N	SA	(BUY55)			
25D212	S	N	SA	(BUY55)			
25D213	S	N	SA	(BUY55)			
25D214	S	N	SA	(BUY55)			
25D217	S	N	HI, NI			2N3442	
25D218	S	N	NI			2N4347	
25D219	S	N	SA	(8SX45-6)			
25D220	S	N	SA	(8SX46-6)			
25D221	S	N	SA	(8SX47-6)			
25D222	S	N	SA	(BU114)			
25D223	S	N	SA	(BU114)			
25D224	S	A	SA	(BU114)			
25D226	S	N	MA	BUY43		(2N3054)	
25D226A	S	N	MA	BUY46		(2N3054)	
25D226B	S	N	MA			(2N3054)	
25D227	S	N	NI	(BC168A)			
25D234	S	N	TO	(8D439)	BUY46	RCA3054	
25D234or	S	N	TO	(8D439)			
25D234r	S	N	TO	(8D439)			
25D234ve	S	N	TO	(8D439)			
25D235	S	N	TO	(8D437)	BUY43	RCA3054	
25D235or	S	N	TO	(8D437)			
25D235r	S	N	TO	(8D437)			
25D235ve	S	N	TO	(8D437)			
25D236	S	N	SA			(2N3054)	
25D237	S	N	SA			(2N3054)	
25D238	S	N	SA			(2N3054)	
25D254	S	N	NI			2N3054	
25D255	S	N	NI			2N3054	
25D256	S	N	SA	(BU114)			
25D257	S	N	SA	(BU114)			
25D258	S	N	SA	(BU114)			
25D259	S	N	SA	(BU114)			
25D287	S	N	NI	BUY58			
25D288	S	N	NI	(8D441)			
25D289	S	N	NI	(8D441)			
25D291	S	N	SO			2N3054	
25D292	S	N	SO			2N3054	
25D297	S	N	NI	(BU114)			
25D312	S	N	MA	(BUY79)			
25D313	S	N	SN, TS	(8D439)			
25D314	S	N	SN, TS	(8D439)			
25D315	S	N	SN, TS			2N3054	
25D316	S	N	SO	BUY55			
25D317	S	N	MA	(8D439)			
25D317A	S	N	MA	(8D441)			
25D318	S	N	MA	(8D439)			
25D318A	S	N	MA	(8D441)			
25D319	S	N	MA	(BUY57)			
25D320	S	N	SN, TS	BUY77			
25D321	S	N	MA	(BUY74)			
25D324	S	N	MA	(BUY79)			
25D325	S	N	SN, TS	(8D439)			
25D327	S	N	NI	(8C337-18)			
25D328	S	N	NI	8SX46-10			
25D330	S	N	SN, TS	(8D439)			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
2SD331	S	N	SN, TS	(BD439)				
2SD334	S	N	MA		2N4347			
2SD334A	S	N	MA		2N3442			
2SA336	S	N	NI	(BU114)				
2SD341	S	N	HI		2N3065			
2SD351	S	N	MA	BUY78				
2SD352	G	N	MA	(AC176)				
2SD362	S	N	NI	(BUY56)				
2SD367	G	N	MA	(AC127)				
2SD369	S	N	TO		2N3065			
2SD370	S	N	TO	(BUY56)				
2SD371	S	N	TO	BU114	2N6254			
2SD375	S	N	NI	BUY57				
2SD376	S	N	NI	BUY73				
2SD376A	S	N	NI	BUY74				
2SD377	S	N	NI	BUY76				
2SD383	S	N	HI	BUY77				
2SD388	S	N	NI	BUY57				
2SD404C	S	N	TO		2N6288			
2SD424	S	N	TO		2N6262			
2SD425	S	N	TO		2N3442			
2SD427	S	N	TO		2N4347			
2SD428	S	N	TO		2N4348			
2SD623	S	N	TO		2N6384			
2SD624	S	N	TO		2N6385			
2SD626	S	N	TO		2N6292			
2SD652	S	N	TO	BUX17A				
2SK13	S	N	TO		2N5457			
2SK17gr	S	N	TO		2N5457			
2SK17or	S	N	TO		2N5457			
2SK17r	S	N	TO		2N5457			
2SK17ye	S	N	TO		2N5457			
2SK19bl	S	N	TO		2N5485			
2SK19gr	S	N	TO		2N5485			
2SK19ye	S	N	TO		2N5486			
2SK23	S	N	SO		2N5486			
2SK32	S	N	SO		2N5486			
2SK36	S	N	SO		2N5485			
2T11	G	P		AC128	AC131	2N2431	2N322	2SD48
2T11				AC153				
2T12	G	P		AC128	AC131	2N2431	2N322	2SB48
2T12				AC153				
2T13	G	P		AC128	AC131	2N2431	2N223	2SB49
2T13				AC153				
2T14	G	P		AC128	AC131	2N2431	2N324	2SB49
2T14				AC153				
2T15	G	P		AC128	AC131	2N2431	2N232	2SB48
2T15				AC153				
2T16	G	P		AC128	AC131	2N2431	2N322	2SB48
2T16				AC153				
2T17	G	P		AC128	AC131	2N2431	2N322	2SB48
2T17				AC153				
2T18	G	P				2N526		2SB53
2T20	G	P		AC128		2N2431		
2T21	G	P		AC128	AC153	2N2431	2N319	2SB51
2T22	G	P		AC128	AC131	2N2431	2N320	2SB51
2T22				AC153				
2T23	G	P		AC128	AC131	2N2431	2N321	2SB52
2T23				AC153				
2T24	G	P		AC128	AC131	2N2431	2N321	2SB52
2T24				AC153				
2T25	G	P		AC128	AC131	2N2431	2N320	2SB51
2T25				AC153				
2T26	G	P		AC128	AC131	2N2431	2N319	2SB51
2T26				AC153				
2T51	G	N		AC127	ASY73	2N2430	2N169	2SC76
2T52	G	N		ASY73		2N169		2SC77
2T53	G	N		ASY74		2N169		2SC73
2T54	G	N		ASY74				2T524
2T61	G	N		AC127	ASY73	2N2430	2N647	2SD65
2T62	G	N		AC127	ASY73	2N2430	2N647	2SD66
2T63	G	N		AC127	ASY74	2N2430	2N647	2SD63
2T64	G	N		AC127		2N2430	2N1251	2SD64
2T64R	G	N		AC127	ASY74	2N2430	2N647	2SD64
2T65	G	N		AC127	ASY74	2N2430	2N649	2SD65

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE	
2T65R	G	N		AC127				
2T66	G	N		AC127	ASY75	2N2430	2N647	2SD66
2T66R	G	N		AC127		2N2430	2N647	2SD66
2T67	G	N		AC127	ASY75	2N2430	2N647	2SD66
2T67	G	N		ASY73				
2T69	G	N		AC127		2N2430	2N647	2SD63
2T71	G	N		ASY73		2N169		2SC75
2T72	G	N		ASY73		2N169		2SC75
2T73	G	N				2N168	2N1058	2SC73
2T73R	G	N		ASY14		2N168A	2N1086	2SC73
2T74	G	N		ASY14		2N168		2T73
2T75	G	N				2N169		2SC75
2T75R	G	N		ASY73		2N169	2N283	2SC75
2T76	G	N		ASY75		2N169	2N233A	2SC76
2T76R	G	N				2N169	2N293	2SC76
2T77	G	N				2N169		2SC77
2T77R	G	N		ASY73		2N169		2SC77
2T78	G	N		ASY73		2N1109		
2T78R	G	N		ASY73		2N1109	2N1121	2SC78
2T82	G	N				2N576	2N1121	2SD63
2T83	G	N				2N576		2SD63
2T84	G	N				2N576	2N1101	2SD63
2T85	G	N		AC127	ASY73	2N2430	2N1101	2SD63
2T86	G	N		AC127		2N2430	2N1101	2SD63
2T89	G	N		AC127	ASY73	2N2430	2N649	
2T201	G	N		AF178	AF185	2N2495	2N384	2SA122
2T201	G	N		AF135				
2T203	G	P		AF178	AF185	2N2495	2N370	2SA124
2T203	G	P		AF134				
2T204	G	P		AF178	AF134	2N2495	2N284	
2T204A	G	P		AF178		2N2495		
2T205	G	P		AF124	AF134	2N384		2SA125
2T205A	G	P		AF178		2N2495		
2T311	G	P		AC128	AC132	2N322	2N2431	2S851
2T311	G	P		AC153				
2T312	G	P		AC128	AC132	2N2431	2N322	2S851
2T312	G	P		AC153				
2T313	G	P		AC128	AC131	2N2431	2N323	2S852
2T313	G	P		AC153	AC132			
2T314	G	P		AC128	AC131	2N2431	2N324	2S852
2T314	G	P		AC132	AC153			
2T315	G	P		AC128	AC131	2N2431	2N508	2S850
2T315	G	P		AC132	AC153			
2T321	G	P		AC128	AC131	2N2431	2N319	2S851
2T321	G	P		AC153				
2T322	G	P		AC128	AC131	2N2431	2N320	2S851
2T322	G	P		AC153				
2T323	G	P		AC128	AC131	2N2431	2N321	2S852
2T323	G	P		AC153				
2T324	G	P		AC128		2N2431	2N321	2S852
2T383	G	P		AC131	AC132	2N526		2S853
2T383	G	P		AC153				
2T501	G	N				2N326		
2T511	G	N		ASY73		2N169		2SC77
2T512	G	N		ASY73		2N169		2SC77
2T513	G	N		ASY73		2N169	2N194	2SC77
2T520	G	N		ASY73		2N169	2N233A	2SC77
2T521	G	N		ASY73				2SC78
2T522	G	N		ASY73				2SC77
2T523	G	N		ASY73				2SC77
2T524	G	N				2N216		
2T951	G	N		ASY74				2SC73
2T952	G	N		ASY73				2SC75
2T981	G	N		AC127		2N2430	2N647	2SD61
2T982	G	N		ASY73				2SD62
2T701	G	N		ASY74		2N168		2SC73
2T2001	G	P		AF178	AF124	2N2495	2N384	2SA121
2T2001	G	P		AF134				
2T3011	G	P		AS716	AUY21	2N301		2SB140
2T3011	G	P		AUY28				
2T3021	G	P		AS715	AUY22	2N301		2SB141
2T3021	G	P		AUY28				
2T3030	G	P		AD149	AD150	2N2836	2N301	2SB142
2T3031	G	P		AD149	AD150	2N2836	2N301	2SB143
2T3032	G	P		AD149	AD150	2N2836	2N301	2SB144

TYPE	M/S	POL	MANUFAC	EUROPEAN		AMERICAN		JAPANESE	USE
2T3033	G	P		AD149	AD150	2N2836			
2T3041	G	P		AD149	AD150	2N2836	2N301		2SB114
2T3042	G	P		AD149	AD150	2N2836			2SB145
2T3043	G	P		AD149	AD150	2N2836			2SB146
3G2	J	N				2N5457			
3MC	G	P		AF 185					
3N25/501	G	P		AF 185	OC71				
3N62	S	N TR				3N79			
3N63	S	N TR				3N78	3N79		
3N64	S	N TR				3N77	3N79		
3N65	S	N TR				3N79			
3N66	S	N TR				3N78			
3N67	S	N TR				3N77	3N79		
3N68	S	N TR				3N79			
3N68A	S	N TR				3N79			
3N69	S	N TR				3N76	3N79		
3N70	S	N TR				3N77	3N78		
3N71	S	N TR				3N77	3N79		
3N72	S	N TR				3N78	3N79		
3N73	S	N TR				3N79			
3N74	S	N TX, TR				3N76			
3N75	S	N TX, TR				3N79			
3N76	S	N TX, TR				3N79			
3N77	S	N TX, TR				3N79			
3N78	S	N TX, TR				3N79			
3N79	S	N TX, TR							
3N87	S	N				3N77	3N79		
3N88	S	N				3N78	3N79		
3N90	S	P SP				3N110	3N111		
3N91	S	P SP				3N110	3N111		
3N92	S	P SP				3N111			
3N93	S	P SP				3N108	3N111		
3N94	S	P SP				3N108	3N111		
3N95	S	P SP				3N109	3N111		
3N96	M	N				MFE3004			
3N99	M	N				MFE3004			
3N100	S	P SP				3N108	3N111		
3N101	S	P SP				3N108	3N111		
3N102	S	P SP				3N108	3N111		
3N103	S	P SP				3N108	3N111		
3N104	S	P SP				3N108	3N111		
3N105	S	P SP				3N108	3N111		
3N106	S	P SP				3N108	3N111		
3N107	S	P EP				3N108	3N111		
3N108	S	P TX, SP				3N311			
3N109	S	P TX, SP				3N111			
3N110	S	P TX, SP				3N111			
3N111	S	P TX, SP							
3N112	S	P				3N108	3N111		
3N113	S	P				3N108	3N111		
3N114	S	P SP				3N110	3N111		
3N115	S	P SP				3N110	3N111		
3N116	S	P SP				3N111			
3N117	S	P SP				3N110	3N111		
3N118	S	P SP				3N110	3N111		
3N119	S	P SP				3N111			
3N121	S	P				3N111			
3N123	S	P SP				3N111			
3N127	S	N				3N79			
3N128	M	N MD, RC, TX, GI				MFE3004	3N142		
3N129	S	P				3N108	3N111		
3N130	S	P				3N108	3N111		
3N131	S	P				3N108	3N111		
3N132	S	P				3N108	3N111		
3N133	S	P				3N108	3N111		
3N134	S	P				3N108	3N111		
3N135	S	P				3N108	3N111		
3N136	S	P				3N108	3N111		
3N138	M	N HC, GI				MFE3004	3N139		
3N139	M	N RC, GI				MFE3004	3N128		
3N140	M	N MD, RC, GI				3N141			
3N141	M	N RC, GI				MFE130			
3N142	M	N RC, GI				MFE3004	40486		
3N143	M	N RC, GI				MFE3004			
3N145	M	P GI, IL				2N4357	3N174		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
3N146	M	P	GI, IL		3N157A	3N174	
3N147	M	P	GI, IL		2N4067		
3N148	M	P	GI, IL		2N4067		
3N149	M	P	IL		3N157A	3N158A	
3N149					3N161		
3N150	M	P	IL		3N157A	3N158A	
3N150					3N161		
3N151	M	P	GI, IL		2N4067		
3N152	M	N	RC, GI		MFE3004	3N143	
3N153	M	N	GI, RC, TX		MFE3004	3N138	
3N154	M	N	RC, GI		MFE3004	MFE3005	
3N154					4Q467A		
3N158	M	P	MO, GI, IL, TX		SFC4047		
3N158A	M	P	MO, GI, IL, TX		SFC4047		
3N159	M	N	GI, RC		MFE131	3N140	
3N160	M	P	TX, GI, IL		MFE3003	3N161	
3N161	M	P	TX, GI, IL		MFE3003	3N160	
3N162	M	P	GI		MFE3003	3M161	
3N163	M	P	SD, GI, IL, SX, TX		3N158		
3N164	M	P	SD, GI, IL, SX, TX		3N158		
3N165	M	P	SD, GI, IL		2N4067		
3N166	M	P	SD, GI, IL		2N4067		
3N167	M	P	SX, GI		MFE3003		
3N168	M	P	SX, GI		MFE3003		
3N172	M	P	SD, GI, IL				
3N173	M	P	SD, GI, IL				
3N174	M	P	TX, GI		2N4352		
3N175	M	N	GI		2N4351		
3N176	M	N	GI		2N4351		
3N177	M	N	GI		2N4351		
3N178	M	P	GI				
3N179	M	P	GI		3N155		
3N180	M	P	GI, IL		3N155		
3N181	M	P	GI		3N155		
3N182	M	P	GI		3N155		
3N183	M	P	GI		3N155		
3N184	M	P	GI		3N155		
3N185	M	P	GI		3N155		
3N186	M	P	GI		3N155		
3N187	M	N	RC, GI, SX		MFE132		
3N200	J	N	RC, GI		3N201		
3N201	J	N	TX, GI, SX				
3N202	J	N	TX, GI, SX				
3N203	J	N	TX, GI, SX				
3N204	J	N	TX				
3N212	J	N	RC, TX		3N223		
3NU40	G	P		AC126	2N2429		
3NU70	G	P		AC126	2N2429		
35K20H	M	N	HI		2N5457		
35K21H	M	N	HI		2N5457		
35K22	J	N	TO		2N5485		
35K23	J	N	TO		2N5485		
35K28	J	N	TO		2N5485		
4G2	J	N			2N5485		
4JD117	G	P		AC128	2N2431		
4JX1E850	G	N		AC127	2N2430		
4JX2A501	G	N		AC127	2N2430		
4JX2A816	G	N		AC127	2N2430		
4JX16A567	S	N			2N4401	2N3566	
4JX16A667	S	N			2N4400	2N4401	
4JX16A667	-	-			SE6001	SE6002	
4JX16A668	S	N			2N4401	2N3566	
4JX16A669	S	N			2N4401	2N3566	
4NU40	G	P		AC126	2N2429		
4NU70	G	P		AC126	2N2429		
5G2	J	N			2N5485		
6MC	G	P		AF185			
6XT2	G	P		AC126	2N2429		
8D	G	P		AF185			
8E	G	P		AF185	OC45		
8F	G	P		AF185	OC45		
12HD1	G	P		AF185			
12MC	G	P		AF185			
14T	J	N			T1S14	2N4224	
16G2	S	N			2N5770	2N3663	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
16J1	S	N			2N5772	2N4275	
16J2	S	N			2N5772	2N4275	
16K1	S	N			SE5002		
16K2	S	N			SE5002		
16K3	S	N			SE5003		
16L42	S	N			2N4123	EN4123	
16L43	S	N			2N4123	EN4123	
16L44	S	N			2N4123	EN4123	
20MC	G	P		AF 185			
25T1	G	P		AF 185			
28T1	G	P		AF 185			
29	S	N	RC	(8D437)			
29A	S	N	RC	(8D439)			
29B	S	N	RC	(8D441)			
29C	S	N	RC	(8D441)			
30	S	P	RC	(8D438)			
30A	S	P	RC	(8D440)			
30B	S	P	RC	(8D442)			
30C	S	P	RC	(8D442)			
J1	S	N	RC	(8D437)			
31A	S	N	RC	(8D439)			
31B	S	N	RC	(8D441)			
31C	S	N	RC	(8D441)			
31T1	G	P		AF 185			
32	S	P	RC	(8D438)			
32A	S	P	RC	(8D440)			
32B	S	P	RC	(8D442)			
32C	S	P	RC	(8D442)			
32T1	G	P		AF 185			
33T1	G	P		AF 185			
34T1	G	P		AF 185			
34-6000	G	P		AC 128	2N2431		
34-6000-3	G	P		AF 185			
34-6000-16	G	P		AC 128	2N2431		
34-6000-18	G	P		AF 185			
34-6000-19	G	P		AF 185			
34-6000-28	G	P		AC 128	2N2431		
34-6000-33	G	P		AC 128	2N2431		
34-6009	G	P		AC 128	2N2431		
35T1	G	P		AF 185			
36T1	G	P		AF 185			
37T1	G	P		AF 185			
41	S	N	RC	(8D437)			
41A	S	N	RC	(8D439)			
41B	S	N	RC	(8D441)			
41C	S	N	RC	(8D441)			
42	S	P	RC	(8D438)			
42A	S	P	RC	(8D440)			
42B	S	P	RC	(8D442)			
42C	S	P	RC	(8D442)			
42T	J	N			SX42	U1898E	
44T1	G	P		AC 128	2N2431		
58T	J	N			2N5953	2N4302	
59T	J	N			2N5951	U1873E	
73T2	S	N	SE, NU, ML		40392		
74T2	S	N	SE, NU, ML		40628		
82T1	G	P	SE		2N 2836		
99AT6	G	P		AD M9	2N2430		
99B5	G	P		AC 128	2N2431		
99BA6	G	P		AC 128	2N2431		
	G	P		AF 185			
99BE6	G	P		AF 185			
99L6	G	N		AC 127	2N2430		
99O7	G	N		AC 127	2N2430		
1008	J	N			2N5950	E100	
100T2	S	N	SE		2N4347		
101	S	P	RC	(8D438)			
101S	J	N			2N3460	E101	
102	S	P	RC	(8D440)			
102M	J	N			2N5950	2N5486	
102S	J	N			2N5953	E102	
103	S	P	RC	(8D440)			
103M	J	N			2N5953	2N5457	
103S	J	N			2N5949	E103	
104	S	P	RC	(8D442)			
104M	J	N			2N5953	2N5458	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
104T2	S	N			2N5253		
105	S	P		(8D440)			
105M	J	N			2N5051	2N5459	
105U	J	N			2N3458		
106M	J	N			2N5245	2N5485	
107M	J	N			2N5247	2N5486	
108T2	S	N			2N5039		
109T2	S	N			2N5354		
110U	J	N			2N3821		
115U	J	N			2N3459		
102U	J	N			2N3821		
121-19	G	P		AC128	2N2431		
121-27	G	P		AC128	2N2431		
121-34	G	P		AC128	2N2431		
121-44	G	P		AF185			
121-45	G	P		AF185			
121-46	G	P		AC128	2N2431		
121-47	G	P		AC128	2N2431		
121-48	G	P		AF185			
121-49	G	P		AF185			
121-51	G	P		AF185			
121-52	G	P		AC128	2N2431		
121-53	G	P		AF185			
121-54	G	P		AF185			
121-61	G	P		AC128	2N2431		
121-62	G	P		AF185			
121-63	G	P		AF185			
121-64	G	P		AC128	2N2431		
121-65	G	P		AF185			
121-66	G	P		AF185			
121-67	G	P		AF185			
121-68	G	P		AC128	2N2431		
121-69	G	P		AC128	2N2431		
121-72	G	P		AF185			
121-73	G	P		AF185			
121-74	G	P		AF185			
121-75	G	P		AF185			
121-76	G	P		AF185			
121-78	G	P		AF185			
121-83	G	P		AF185			
121-91	G	P		AF185			
121-92	G	P		AF185			
121-93	G	P		AF185			
121 95	G	P		AC128	2N2431		
121-96	G	P		AC128	2N2431		
121-100	G	P		AF185			
121-102	G	P		AF185			
121-103	G	P		AF185			
121 104	G	P		AF185			
121 105	G	P		AF185			
121-106	G	P		AC128	2N2431		
121-107	G	P		AC128	2N2431		
121 120	G	P		AC128	2N2431		
121-128	G	P		AF185			
121 161	G	P		AF185			
121 162	G	P		AF185			
121 164	G	P		AC128	2N2431		
121-179	G	P		AF185			
121 180	G	P		AF185			
121-190	G	P		AC128	2N2431		
121 191	G	P		AC128	2N2431		
121 192	G	P		AC128	2N2431		
121 1032	G	P		AC128	2N2431		
121 1033	G	P		AC128	2N2431		
121 1034	G	P		AC178	2N2431		
121-1035	G	P		AC128	2N2431		
121-1036	G	P		AC128	2N2431		
175U	J	N			2N3460		
176T1	G	P		AC128	2N2431		
177T1	G	P		AC128	2N2431		
130U	J	N			1N4338		
135U	J	N			2N3460		
153T1	G	P		AF185			
154T1	G	P		AF185			
155T1	G	P		AF185			

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
155U	J	N			2N4416		
156T1	G	P		AF 185	2N2495		
157T1	G	P		AF 185	2N2495		
159T1	G	P		AF 185	2N2495		
160T1	G	P		AF 178	2N2495		
161T1	G	P		AF 178	2N2495		
162T	G	P		AF 178	2N2495		
182S	J	N			2N3970		
182T2A	S	N SE		BUX16			
182T2B	S	N SE		BUX16			
182T2C	S	N SE		BUX16			
183S	J	N			SF89448	2N3823	
183T2A	S	N SE		BUX16			
183T2B	S	N SE		BUX16			
183T2C	S	N SE		BUX16			
184T2A	S	N SE		BUX16			
184T2B	S	N SE		BUX16			
184T2C	S	N SE		BUX16			
185T2A	S	N SE		BUX16A			
185T2B	S	N SE		BUX16A			
185T2C	S	N SE		BUX16A			
197S	J	N			2N3460	TN4338	
198S	J	N			2N3459	TN4340	
199S	J	N			2N3458	TN4341	
200S	J	N			2N3458	2N4092	
200U	J	N			2N5549	2N4393	
201	S	N RC		(BD437)			
201S	J	N			2N3492	2N4091	
202	S	N RC		(BD439)			
202S	J	N			2N3491	2N4092	
203	S	N RC		(BD439)			
203S	J	N			2N3821		
204	S	N RC		(BD441)			
204S	J	N			2N3821		
206	S	N RC		(BD439)			
210U	J	N			2N4416	2N3822	
222	G	P		AF 185	OC45		
225	G	P		AF 185	OC45		
228	G	P		AF 185	OC44		
231S	J	N			2N5545	2N3954	
232S	J	N			2N5548	2N3955	
233S	J	N			2N5547	2N3956	
234	G	P		AF 185			
234S	J	N			2N5045	2N3957	
235S	J	N			2N5045	2N3958	
241U	J	N			2N3822		
250U	J	N			2N4859	2N3970	
251U	J	N			2N4861	2N3971	
300	G	P		OC72			
301	G	P		OC72			
302	G	P		OC72			
310	G	P		AC128	OC72	2N2429	
350	G	P		AC128	OC72	2N2431	
352	G	P		AC128	OC72	2N2431	
353	G	P		AC128	OC72		
370	S	P RC		(BD438)			
371	S	P RC		(BD438)			
410	S	N RC		BUY73			
411	S	N RC		BUY75			
413	S	N RC		BUY76			
421T1	G	P		AC128	2N2431		
423	S	N RC		BUY76			
431	S	N RC		BUY76			
486T1	G	P		AC128	2N2431		
501T1	G	P		AF 178	2N2495		
503T1	G	P		AF 178	2N2495		
520	S	N RC		(BD437)			
521	S	N RC		(BD437)			
570C	G	P		OC58			
588U	J	N			2N5245	U1994E	
641T1	G	P		AC128	2N2431		
685T1	G	P SE		AC128	2N2429		
687T1	G	P SE		AC128	2N2429		
688T1	G	P SE		AC128	2N2429		
689T1	G	P SE		AC128	2N2429		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
8907I	G	G		AC126	2N2429		
8917I	G	G		AC126	2N2429		
89272	J	J		AC126	2N2429		
703U	J	N			2N3822		
704U	J	N			2N3872		
705U	J	N			2N3824		
707U	J	N			2N4091		
714U	J	N			2N3873		
734EU	J	N			U1994E		
734U	J	N			2N4416		
751U	J	N			TN4340		
752U	J	N			TN4341		
753U	J	N			2N3459	2N4092	
754U	J	N			2N3469	TN4340	
755U-	J	N			2N3458	TN4341	
756U	J	N			2N3458	2N4224	
780	G	P					
761	G	P	AF185	AF185			
941T1	G	P	AC126		2N2429		
965T1	G	P	AC126		2N2429		
9877I	G	P	AC126		2N2431		
9887I	G	P	AC126		2N2431		
9897I	G	P	AC126		2N2429		
9907I	G	P	AC126		2N2429		
9917I	G	P	AC126		2N2429		
9927I	G	P	AC126		2N2429		
1032	G	P	AC126	OC72	2N2431		
1033	G	P	AC126	OC72	2N2431		
1034	G	P	AC126	OC72	2N2431		
1035	G	P	AC126	OC72	2N2431		
1036	G	P	AC126	OC72	2N2431		
1277A	J	N			2N3822		
1278A	J	N			2N3821		
1279A	J	N			2N3821		
1280A	J	N			2N3822	2N4224	
1281A	J	N			2N3458	2N3822	
1292A	J	N			2N3458	TN4341	
1283A	J	N			2N3459	TN4340	
1284A	J	N			2N3458	2N3069	
1285A	J	N			2N3821	2N3453	
1286A	J	N			2N3459	2N3069	
1320	G	P	AC126	OC72	2N2431		
1325A	J	N			2N4222		
1330	G	P	AC126	OC72	2N2431		
1340	G	P	AC126	OC72	2N2431		
1350	G	P	AC126	OC72	2N2431		
1360	G	P	AC126	OC72	2N2431		
1390	G	P	AF185	OC45			
1400	G	P	AF185	OC45			
1410	G	P	AF185	OC45			
1714A	J	N			2N3459	TN4340	
2000M	J	N			2N4416	2N3823	
2001M	J	N			2N4416	2N3823	
2078A	J	N			2N5546	2N4083	
2079A	J	N			2N5547	2N4083	
2080A	J	N			2N5547	2N4085	
2081A	J	N			2N5045	2N4085	
2083M	J	N			2N5647		
2084M	J	N			2N5648		
2085M	J	N			2N5649		
2086A	J	N			2N5545	SU2098	
2089A	J	N			2N5546	SU2099	
2130U	J	N			2N5546	2N3954	
2132U	J	N			2N5546	2N3955	
2134U	J	N			2N5647	2N3956	
2136U	J	N			2N5045	2N3958	
2138U	J	N			2N5046	2N3958	
2139U	J	N			2N5047	2N3958	
2147U	J	N			2N5047	2N3958	
2148U	J	N			2N5047	2N3958	
2149U	J	N			2N5047	2N3958	
3435	G	P	AF185				
3504	G	P	AC126		2N2429		
6100-35	G	P	AC126		2N2431		
08390	G	P	AC126		2N2431		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
09391	G	P		AC12B		2N2431	
12119	G	P		AC12B		2N2431	
12152	G	P		AC12B		2N2431	
12153	G	P		AF 185	OC44		
12161	G	P		AC12B		2N2431	
12163	G	P		AF 185			
12166	G	P		AF 185	OC45		
12166	G	P		AF 185	OC45		
12173	G	P		AF 185	OC45		
12178	G	P		AF 185			
40022	G	P	RC, St	AWY211V		40060	
40050	G	P	RC, St	AUY211V		40051	
40051	S	N	RC, St	AUY221V		2N3715	
40080	S	N	RC, St, SM			40081	
40081	S	N	RC, St, SM			40080	
40082	J	N	RC, St, SM			40081	
40084	S	N	RC, SM, SQ, St	(BSX49)		2N2897	
40231	S	N	SM, RC, St	BC 108A		40232	
40232	S	N	SM, RC, St	BC 108B		40233	
40233	S	N	SM, RC, St	BC 108B		2N718A	
40234	S	N	SM, RC, St			40233	
40235	S	N	RC, SM, NS	BC 108A		40472	
40236	S	N	RC, SM, NS			40236	
40237	S	N	RC, SM, NS			40474	
40238	S	N	RC, SM, NS			40239	40240
40239	S	N	RC, SM, NS			40240	
40240	S	N	RC, SM, NS			40239	
40242	S	N	RC, SM, NS			40478	
40243	S	N	RC, SM, NS			40478	
40244	S	N	RC, SM, NS			40480	
40245	S	N	RC, SM, NS			40481	40246
40246	S	N	RC, SM, NS			40481	40245
40250	S	N	RC, AT, St, KE, PP			2N4913	2N3054
40250	S	N	RC			40250V1	TIP31
40250V1	S	N	RC			(2N3064)	40250
40251	S	N	RC, AT, PP, BL, St			2N6569	2N3055
40251	S	N	RC, AT, PP, BL, St			2N3771	2N5881
40254	G	P	RC, St	AUY211V		40051	40022
40261	G	P	RC			40467	
40262	G	P	RC			40488	
40263	G	P	RC			40490	40395
40279	S	N	RC, SQ			2N3375	
40280	S	N	RC, SM, St			2N4427	
40281	S	N	RC, SM, St				
40282	S	N	RC, SM, St			2N3632	
40290	S	N	RC, SQ, St			40291	
40291	S	N	RC, SQ, St			40290	
40292	S	N	RC, SQ, St			40282	
40294	S	N	RC, SQ	(BF Y90)		2N2857	
40296	S	N	RC			2N2706	
40296	S	N	RC	1BF Y90		2N3839	
40305	S	N	RC, SS, St			2N3553	
40306	S	N	RC, SS, St			2N3375	
40307	S	N	RC, SS, St			2N3832	
40309	S	N	RC, SS, St	BSX45-16		2N5321	40311
40309	S	N	RC			40315	
40309J1	S	N	RC			40309	
40309J2	S	N	RC			40309	
40310	S	N	RC, SS, St			2N3054	40314
40310	S	N	RC, SS, St			40324	TIP31
40310V1	S	N	RC, St			40310	40314
40311	S	N	RC, SS, St	BSX45-16		2N5321	40314
40311V1	S	N	RC, St			40311	40314
40311V2	S	N	RC, SS, St			40311	40314
40312	S	N	RC, SS, St			40316	TIP31A
40312	S	N	RC, SS, St			2N3054	
40313	S	N	RC, SS, St	(BU Y78)		40318	TIP48
40313	S	N	RC, SS, St			5E9331	
40314	S	N	RC, SS, St	BSX45-16		2N5321	40315
40314V1	S	N	RC, St			40314	40315
40314V2	S	N	RC, SS, St			40314	40315
40315	S	N	RC, SS, St	BSX45-16		2N5321	40314
40315V1	S	N	RC, St			40315	40314
40315V2	S	N	RC, SS, St			40315	40314
40316	S	N	RC, SS, St			2N3054	40312

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
40J16					TIP31		
40317	S	N	RC, SS, St	BSX45-10	2N5321	40320	
40317V1	S	N	RC, St		40317	40320	
40317V1					40326		
40317V2	S	N	RC, SS, St		40317	40320	
40317V2					40326		
40318	S	N	RC, St	(BUY78)	SE9331	40322	
40318					TIP48		
40319	S	P	RC, SS, St	BSV15-6	2N5323	40362	
40319V1	S	P	RC, St		40319		
40319V2	S	P	RC, SS, St		40319		
40320	S	N	RC, SS, St	BSX45-10'	2N5321	40317	
40320V1	S	N	RC, St		40320	40317	
40320V2	S	N	RC, SS, St		40320	40317	
40321	S	N	RC, SS, St		2N3440	40327	
40321V1	S	N	RC, St		40321		
40321V2	S	N	RC, SS, St		40321		
40322	S	N	RC, SS, St	(BUY78)	SE9331	40318	
40322					TIP48		
40323	S	N	RC, SS, St	BSX45-16	2N5321	40309	
40323V1	S	N	RC, St		40323		
40323V2	S	N	RC, SS, St		40323	40309	
40324	S	N	RC, SS, St		2N3064	40316	
40324					TIP31		
40325	S	N	RC, SS, St		2N6569	2N3065	
40325					2N3715	2N5877	
40326	S	N	RC, SS, St	BSX45-10	2N5321	40317	
40326V1	S	N	RC, St		40326	40320	
40326V1					40317		
40326V2	S	N	RC, SS, St		40326	40320	
40326V2					40317		
40327	S	N	RC, SS, St		2N3440	40385	
40327V1	S	N	RC, St		40327		
40327V2	S	N	RC, SS, St		40327		
40328	S	N	RC, St	(BUY78)	SE9331	2N4240	
40328					TIP48		
40329	G	P	RC				
40340	S	N	RC, SS		40341		
40341	S	N	RC, SS		40340		
40346	S	N	RC, SS, St		2N3440	40412	
40346V1	S	N	RC, St		40348		
40346V2	S	N	RC, SS, St		40412		
40347	S	N	RC, SS, St	(BSX62-6)	2N5321	40348	
40347V1	S	N	RC, St		40347		
40347V2	S	N	RC, SS, St		40347		
40348	S	N	RC, SS, St	(BSX63-6)	2N4238	40349	
40348V1	S	N	RC, St		40348		
40348V2	S	N	RC, SS, St		40348		
40349	S	N	RC, SS, St				
40349V1	S	N	RC, St		40348		
40349V2	S	N	RC, SS, St		40348		
40354	S	N	RC		40355		
40355	S	N	RC		40354		
40359	G	P	RC, St		40263		
40360	S	N	RC, SS, St, SM	BSX45 10	2N5320	40361	
40360V1	S	N	RC, St		40360		
40360V2	S	N	RC, SS, St		40360		
40361	S	N	RC, SS, St, SM	BSX46-16	2N5320	40360	
40361V1	S	N	RC, St		40361		
40361V2	S	N	RC, SS, St		40361		
40362	S	P	RC, St, SM	BSV16-10	2N5322	40319	
40362V1	S	P	RC, St		40362		
40362V2	S	P	RC, SS, St		40362		
40363	S	N	RC, SZ, SS, PP, St		2N3055	2N3715	
40363					2N5877		
40364	S	N	RC SZ, SS, PP, St	PDX25-6	TIP31A		
40366	S	N	RC, SS, St, SO	BSX47-6	2N5320	2N2405	
40366V1	S	N	RC, St		40366		
40366V2	S	N	RC, SS, St		40366		
40367	S	N	RC, SS, St, SO	JBSX63-6)	2N4238	40366	
40367V1	S	N	RC, St		40367		
40367V2	S	N	RC, SS, St		40367		
40368	S	N	RC, St		2N1486		
40369	S	N	RC, SS, St, PP, SO		2N5873	2N4914	
40369					2N3713		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
40372	S	N	RC, St		12N30651	2N3054	
40372					TIP31A		
40373	S	N	RC, St, PP		2N3441		
40374	S	N	RC, St		2N3683	TIP47	
40375	S	N	RC, St		2N5873	2N3879	
40375							
40385	S	N	RC, SS, SM, St, SQ		TIP31A		
40385V1	S	N	RC, St		2N3439	2N4063	
40385V2	S	N	RC, SS, St		40385	2N4063	
40389	S	N	RC, St		40392	2N4063	
40389						2N3053	
40390	S	N	RC, St		2N3440		
40391	S	P	RC, St		2N5323	40394	
40391					2N4037		
40392	S	N	RC, St		40389		
40394	S	P	RC, St		2N5323	2N4037	
40395	G	P	RC, SM, St, NP		40283		
40396/N	G	N	RC, St	AC127			
40396/P	G	P	RC, St	AC152			
40397	S	N	RC, St		40453		
40398	S	N	RC, SM, St		40454		
40399	S	N	RC, SM, St		40455		
40400	S	N	RC, SM, St		40456		
40405	S	N	RC, SM, St, SQ		50419		
40406	S	P	RC, SM, St	BSV16-10			
40407	S	N	RC, SM, St, SQ	BSX46-10	40408		
40408	S	N	RC, SM, St, SS, SQ	BSX47-10			
40409	S	N	RC, St				
40410	S	P	RC		2N5053		
40411	S	N	RC, PP, SF, SQ, St		2N4036		
40411					MJ802	2N3715	
40412	S	N	RC, SS, St, SQ		2N5878		
40412							
40412V1	S	N	RC, St		2N3440	40412V1	
40412V2	S	N	RC, SS, St, SQ		40412V2		
40413	S	N	RC		40412		
40414	S	N	RC		TIP33		
40421	G	P	RC, St	18FY901	TIP33		
40429	G	P	RC, SS	AUY221V	2N2147		
40440	G	P	RC, SS		2N3731		
40446	S	N	RC, St		2N3731		
40446					40582		
40450	S	N	RC		2N3241A		
40451	S	N	RC		2N3242A		
40452	S	N	RC		2N4074		
40453	S	N	RC		2N3242A		
40454	S	N	RC		2N3242A		
40455	S	N	RC		40398	40399	
40456	S	N	RC		40400		
40457	S	N	RC				
40458	S	N	SM, RC, St	18Sx45-101	40459	2N3241A	
40459	S	N	RC, St	18Sx45-101	2N3241A		
40460	M	N			MFE3004	MFE3005	
40461	M	N			MFE3004	MFE3005	
40462	G	P	RC, GP, St	AUY211V	40421		
40464	S	N	SM, RC, PP	18U310			
40465	S	N	SM, RC, PP	18U310			
40466	S	N	SM, RC, PP	18U310			
40467	M	N	RC		MFE3004		
40467A	M	N	RC		MFE3004	3N154	
40468	M	N	RC		MFE3004	40468A	
40468A	S	N	RC		MFE3004	40559	
40468A							
40472	S	N	RC, NS, SM		3N201		
40473	S	N	RC, NS, SM		40473		
40474	S	N	RC, NS, SM		40472		
40475	S	N	RC, NS, SM		40237		
40476	S	N	RC, NS, SM		40476	40477	
40476							
40477	S	N	RC, NS, SM		40475	40477	
40478	S	N	RC, NS, SM		40479	40476	
40479	G	N	RC, NS, SM		40478		
40480	S	N	RC, NS, SM		40474		
40481	S	N	RC, SM, NS				
40482	S	N	RC, NS, SM		40482		
40487	G	P	RC		40481		
40488	G	P	RC		40488	40261	
40489	G	P	RC		40261		
40489					40487		

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
40490	G	P	RC		40395	2N2953	
40491	S	N	RC, St, SM, SQ				
40500	S	N	SM	BC107A			
40513	S	N	RC, PP		(2N3055)	2N5035	
40513					TIP33		
40514	S	N	RC, PP, St		(2N3055)	40513	
40514					TIP33		
40517	S	N	RC		40518	2N3839	
40517					40296		
40518	S	N	RC		40517	2N3839	
40518					40296		
40519	S	N	RC, SS, St, SQ		40406		
40537	S	P	RC, SS, SM, St, SQ	BSV16-16	2N5322	40362	
40538	S	P	RC, SS, SM, St, SQ	BSV16-6	2N5322		
40539	S	N	RC, SS, SM, St	BSX46-6	40635		
40542	S	N	RC		(2N3055)	40543	
40543	S	N	RC		(2N3055)	40633	
40544	S	N	RC, SM, St		40392		
40559	M	N	RC		MFE3004	40468A	
40559A	M	N	RC		MFE3004	40467A	
40577	S	N	RC, SS, SQ		2N3118		
40578	S	N	RC, St, KE		2N3866		
40581	S	N	RC, SM		40582		
40582	S	N	RC, SM		40581		
40594	S	N	RC, SM	1BSX47-10)	2N5338		
40595	S	P	RC, SS, SM, St, SQ	(BSV17-10)			
40600	J	N	RC		MFE130	MFE132	
40600					40673	3N201	
40601	J	N	RC		MFE130	MFE132	
40601					3N202		
40602	J	N	RC		MFE130	MFE132	
40602					40603	40203	
40603	J	N	RC		MFE130	MFE132	
40603					40602	3N201	
40604	J	N	RC		MFE130	MFE132	
40604					40603	3N202	
40604					2N5108		
40608	S	N	RC, SM		40616		
40611	S	N	RC, SS, SM, St, SQ	BSX45-16	40623		
40612	G	P	RC, St	AUY211V	TIP29	2N6121	
40613	S	N	RC, SM, St, NP, PP	(BD437)			
40613					TIP31		
40616	S	N	RC, SS, SM, St	BSX45-16			
40618	S	N	RC, SS, St, SQ	BD221	(BD437)	2N6121	TIP31
40621	S	N	RC, SS, St, SQ, PP	BD221	(BD437)	2N6122	TIP31
40622	S	N	RC, SS, St, NP, SQ	BD221	(BD437)	2N6122	TIP31
40623	G	P	RC, St	AUY211V		40626	
40624	S	N	RC, SS, St, SQ, PP	(BD437)		2N6129	2N5629
40624						2N6122	TIP41
40625	S	N	RC, SS, St			40628	
40626	G	P	RC, St	AUY221V		40051	
40627	S	N	RC, SS, SQ, PP	(BD439)		2N6130	2N6122
40627						TIP41A	
40628	S	N	RC, SS			40625	
40629	S	N	RC, SS, SQ, PP	(BD437)		2N6122	2N6121
40629						TIP31	
40630	S	N	RC, SS, NP, SQ, PP	(BC437)		2N6122	TIP31
40631	S	N	RC, SS, NP, PP, SQ	(BD437)		2N6122	2N6121
40631						TIP31	
40632	S	N	RC, SS, NP, PP, SQ	(BD439)		2N6131	2N6121
40632						TIP41A	
40633	S	N	RC, St, KE, PP		(2N3055)	40643	
40633					TIP33A		
40634	S	P	RC, SS, SM, St, SQ	BSV17-10	2N431A	2N4036	
40635	S	N	RC, SS, SM, St, SQ	BSX45-16	2N3053		
40636	S	N	AT, RC, SS, St, PP		2N5630	2N3055	
40636					4063	2N5878	
40637	S	N	RC, SM, SQ	BC107A			
40673	J	N	RC		3N159	3N201	
40819	J	N	RC		MFE131		
40820	J	N	RC		MFE131		
40821	J	N	RC		MFE131		
40822	J	N	RC		MFE131		
40823	J	N	RC		MFE131		
40840	S	N	RC		TIP52		
40850	S	N	RC, SZ, St	1BUY781	FT401	TIP48	

TYPE	M/S	POL	MANUFAC	EUROPEAN	AMERICAN	JAPANESE	USE
40851	S	N	RC, SZ, St	(BUY79)	2N6251	TIP49	
40852	S	N	RC, SZ, St	BUY76	2N6251	TIP53	
40853	S	N	RC, SZ, St	BUY75	FT430	TIP53	
40854	S	N	RC, SZ, St	(BUY75)			
40871	S	N	RC, PP				
40872	S	P	RC, PP		TIP32C		
40873	S	N	RC, PP				
40874	S	P	RC, PP		TIP32B		
40875	S	N	RC, PP				
40876	S	P	RC, PP		TIP32A		
40884	S	N	RC		TIP41A		
40885	S	N	RC		FT47		
40886	S	N	RC		FT48		
40887	S	N	RC		FT49		
40894	S	N	RC, SM	(8FW30)			
40895	S	N	RC, SM	(8FW30)			
40896	S	N	RC, SM	(8FW30)			
40897	S	N	RC, SM	(8FW30)			
40910	S	N	RC		2N4231	(2N3054)	
40911	S	N	RC	(8OX25-6)	2N5233		
40912	S	N	RC	(8OX25-6)			
40915	S	N	RC, SM	(8FY90)			
41500	S	N	RC		TIP31		
41501	S	P	RC		TIP32		
41502	S	N	RC		2N4237		
41503	S	P	RC		2N4234		
41504	S	N	RC	80224			
41505	S	N	RC		FT47		
41506	S	N	RC		2N5838		
43104	S	N	RC		2N5831		
45190	S	N	RC	(80437)			
45191	S	N	RC	(80439)			
45192	S	N	RC	(80441)			
45193	S	N	RC	(80438)			
45194	S	P	RC	(80440)			
45195	S	P	RC	(80442)			
814044A	G	P		AC128	2N2431		
815020	G	P		AF185			
815021	G	P		AF185			
815023	G	P		AC128	2N2431		
815024	G	P		AC128	2N2431		
815025	G	P		AF185			
815025A	G	P		AF185			
815027	G	P		AF185			
815028	G	P		AF185			
815029	G	P		AC128	2N2431		
815030	G	P		AC128	2N2431		
815031	G	P		AC128	2N2431		
815034	G	P		AC128	2N2431		
815036	G	P		AF185			
815037	G	P		AF185			
815038	G	P		AC128	2N2431		
815041	G	P		AF185			
815043	G	P		AF185			
815088	G	P		AC128	2N2431		
815070A	G	P		AC128	2N2431		
815075	G	N		AC127	2N2430		
815076	G	N		AC127	2N2430		
815103	G	P		AF185	2N2431		
815104	G	P		AC128			
815105	G	P		AF185			
825085	G	P		AF185			

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