

Assembly Number 08-06461-001
Title PA c/w Heatsink PCB
Issue
Date Valid On 01.12.2005

Ref	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty
D209	Diode, Si High speed 75V SOT23	Philips	BAS16	BAS16	1
IC200	Reg, Voltage +5V 0,1A SOIC8	National Semiconduct	LM78L05ACM	XB-07805-700	1
IC201	Amp, Operational Dual IC	National Semiconduct	LM358M	XA-00358-700	1
J200	Socket, Coax Mini Low Prof Fixed	Taiko Denki	TMP-J02X-A1	60-19390-002	1
K200	Relay, 1C 12V 16A 340 Ohm Choke, EMI/EMC 0A DC >10MHz	Eberle	042901 62 0100	64-31125-234	1
L200	0805 Choke, EMI/EMC 0A DC >10MHz	Taiyo Yuden	BK 2125 HS 330-T	43-90004	1
L201	0805	Taiyo Yuden	BK 2125 HS 330-T	43-90004	1
L202	Ind, 2,2uH 10% 3225	TOKO	380LB-2R2K	43-80220-001	1
L203	Ind, 100nH 20% 3225	TOKO	380NB-R10M	43-80010-000	1
L204	Ind, 2,2uH 10% 3225	TOKO	380LB-2R2K	43-80220-001	1
L205	Choke, EMI/EMC 0A DC >1MHz	4516 Taiyo Yuden	FCFBMJ 4516 HS 110-T	43-90003	1
L206	Choke, EMI/EMC 0A DC >1MHz	4516 Taiyo Yuden	FCFBMJ 4516 HS 110-T	43-90003	1
L207	Ind, PA DC feed or/wh/or Header (P) 16way 2row Boxed SMD 2,54mm	Fetronics	44-70457	44-70457	1
P200		Neltron	2316SMD-16G	60-00160-003	1
R200	47 Ohm 5% 0,1W 0805	Philips	2322 730 61479	40-14700-111	1
R201	47 Ohm 5% 0,1W 0805	Philips	2322 730 61479	40-14700-111	1
R202	56 Ohm 5% 0,1W 0805	Philips	2322 730 61569	40-15600-111	1
R203	330 Ohm 5% 0,1W 0805	Philips	2322 730 61331	40-23300-111	1
R204	330 Ohm 5% 0,1W 0805	Philips	2322 730 61331	40-23300-111	1
R205	Pot,100 Lin MG Trim SMD	Bourns	3314 J-1-101	42-21004-000	1
R206	27 Ohm 5% 0,1W 0805	Philips	2322 730 61279	40-12700-111	1
R207	10 Ohm 5% 0,1W 0805	Philips	2322 730 61109	40-11000-111	1
R208	47k Ohm 5% 0,1W 0805	Philips	2322 730 61473	40-44700-111	1
R209	3,9k Ohm 5% 0,1W 0805	Philips	2322 730 61392	40-33900-111	1
R210	10k Ohm 5% 0,1W 0805	Philips	2322-730-61103	40-41000-111	1
R211	4,7k Ohm 5% 0,1W 0805	Philips	2322 730 61472	40-34700-111	1
R212	10k Ohm 5% 0,1W 0805	Philips	2322-730-61103	40-41000-111	1
R213	680 Ohm 5% 0,1W 0805	Philips	2322 730 61681	40-26800-111	1
R214	680 Ohm 5% 0,1W 0805	Philips	2322 730 61681	40-26800-111	1
R215	270 Ohm 5% 0,1W 0805	Philips	2322 730 61271	40-22700-111	1
R216	4,7 Ohm 5% 0,1W 0805	Phycomp	2322 730 61478	40-04700-111	1
R217	22 Ohm 5% 0,1W 0805	Philips	2322 730 61229	40-12200-111	1
R218	4,7 Ohm 5% 0,1W 0805	Phycomp	2322 730 61478	40-04700-111	1
R219	22 Ohm 5% 0,1W 0805	Philips	2322 730 61229	40-12200-111	1
R220	4,7k Ohm 5% 0,1W 0805	Philips	2322 730 61472	40-34700-111	1
R222	Pot,1k Lin MG Trim SMD	Bourns	3314 J-1-102	42-31004-000	1
R224	560 Ohm 5% 0,1W 0805	Philips	2322 730 61561	40-25600-111	1
R225	3,3k Ohm 5% 0,1W 0805	Philips	2322 730 61332	40-33300-111	1
R226	560 Ohm 5% 0,1W 0805	Philips	2322 730 61561	40-25600-111	1
R227	3,9k Ohm 5% 0,1W 0805	Philips	2322 730 61392	40-33900-111	1
R228	1k Ohm 5% 0,1W 0805	Philips	2322-730-61102	40-31000-111	1
R229	12k Ohm 5% 0,1W 0805	Philips	2322 730 61123	40-41200-111	1
R230	100 Ohm 5% 0,1W 0805	Philips	2322 730 61101	40-21000-111	1
R231	470 Ohm 5% 0,1W 0805	Philips	2322 730 61471	40-24700-111	1
R232	1 Ohm 1% 0,1W 0805	Phycomp	2322 734 61008	40-01000-115	1
R233	470 Ohm 5% 0,1W 0805	Philips	2322 730 61471	40-24700-111	1
R234	1 Ohm 1% 0,1W 0805	Phycomp	2322 734 61008	40-01000-115	1
R235	Pot,1k Lin MG Trim SMD	Bourns	3314 J-1-102	42-31004-000	1
R236	4,7k Ohm 5% 0,1W 0805	Philips	2322 730 61472	40-34700-111	1
R238	1k Ohm 5% 0,1W 0805	Philips	2322-730-61102	40-31000-111	1
R239	Pot,1k Lin MG Trim SMD	Bourns	3314 J-1-102	42-31004-000	1
R240	820 Ohm 5% 0,1W 0805	Philips	2322 730 61821	40-28200-111	1
R241	Pot,10k Lin MG Trim SMD	Bourns	3314 J-1-103	42-41004-000	1
R243	330 Ohm 5% 0,1W 0805	Philips	2322 730 61331	40-23300-111	1
R244	100 Ohm 5% 0,1W 0805	Philips	2322 730 61101	40-21000-111	1
R245	10k Ohm 5% 0,1W 0805	Philips	2322-730-61103	40-41000-111	1
R246	820 Ohm 5% 0,1W 0805	Philips	2322 730 61821	40-28200-111	1

Codan Bill of Materials Report

Branch Plant	AE	Assembly No.	08-05415-001
Issue	2	Title	PA PCB
Notional WU	2010	Last CR	26423 30/12/99

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R217	22 Ohm 5% 0,125W	12 Philips	2322 711 61229	40-12200-101			
R218	4,7 Ohm 5% 0,125W	12 Philips	2322 711 61478	40-04700-101			
R219	22 Ohm 5% 0,125W	12 Philips	2322 711 61229	40-12200-101			
R220	4,7k Ohm 5% 0,125W	12 Philips	2322 711 61472	40-34700-101			
R221	180 Ohm 5% 0,125W	12 Philips	2322 711 61181	40-21800-101			
R222	Pot,1k Lin MG Trim	S Bourns	3314 J-1-102E	42-31004-000			
R223	10 Ohm 5% 0,125W	12 Philips	2322 711 61109	40-11000-101			
R224	1k Ohm 5% 0,125W	12 Philips	2322 711 61102	40-31000-101			
R225	22 Ohm 5% 0,125W	12 Philips	2322 711 61229	40-12200-101			
R226	15 Ohm 5% 0,125W	12 Philips	2322 711 61159	40-11500-101			
R227	15 Ohm 5% 0,125W	12 Philips	2322 711 61159	40-11500-101			
R228	15 Ohm 5% 0,125W	12 Philips	2322 711 61159	40-11500-101			
R229	15 Ohm 5% 0,125W	12 Philips	2322 711 61159	40-11500-101			
R230	15 Ohm 5% 0,125W	12 Philips	2322 711 61159	40-11500-101			
R231	15 Ohm 5% 0,125W	12 Philips	2322 711 61159	40-11500-101			
R232	22 Ohm 5% 0,125W	12 Philips	2322 711 61229	40-12200-101			
R233	2,2k Ohm 5% 0,125W	12 Philips	2322 711 61222	40-32200-101			
R234	100k Ohm 5% 0,125W	12 Philips	2322 711 61104	40-51000-101			
R235	1k Ohm 5% 0,125W	12 Philips	2322 711 61102	40-31000-101			
R236	270k Ohm 5% 0,125W	12 Philips	2322 711 61274	40-52700-101			
R237	1k Ohm 5% 0,125W	12 Philips	2322 711 61102	40-31000-101			
R238	4,7k Ohm 5% 0,125W	12 Philips	2322 711 61472	40-34700-101			
R239	5,6k Ohm 5% 0,125W	12 Philips	2322-712-20562	40-35600-101			
R240	Pot,10k Lin MG Trim	S Bourns	3314 J-1-103E	42-41004-000			
R241	5,6k Ohm 5% 0,125W	12 Philips	2322-712-20562	40-35600-101			
R242	100 Ohm 5% 0,125W	12 Philips	2322 711 61101	40-21000-101			
R243	39k Ohm 2% 0,125W	12 Philips	2322-711-41393	40-43900-102			
R244	Pot,100k Lin MG Trim	S Bourns	3314 J-1-104E	42-51060-001			
R245	27k Ohm 5% 0,125W	12 Philips	2322 711 61273	40-42700-101			
R246	47 Ohm 5% 0,125W	12 Philips	2322 711 61479	40-14700-101			
R247	47 Ohm 5% 0,125W	12 Philips	2322 711 61479	40-14700-101			
R248	47 Ohm 5% 0,125W	12 Philips	2322 711 61479	40-14700-101			
R249	47 Ohm 5% 0,125W	12 Philips	2322 711 61479	40-14700-101			
R250	330 Ohm 5% 0,125W	12 Philips	2322 711 61331	40-23300-101			
R251	330 Ohm 5% 0,125W	12 Philips	2322 711 61331	40-23300-101			
R252	4,7k Ohm 5% 0,125W	12 Philips	2322 711 61472	40-34700-101			
R253	Pot,10k Lin MG Trim	S Bourns	3314 J-1-103E	42-41004-000			
R254	4,7k Ohm 5% 0,125W	12 Philips	2322 711 61472	40-34700-101			
R255	470 Ohm 5% 0,125W	12 Philips	2322 711 61471	40-24700-101			
R256	270k Ohm 2% 0,125W	12 Philips	2322 711 41274	40-52700-102			
R257	270k Ohm 2% 0,125W	12 Philips	2322 711 41274	40-52700-102			
R258	4,7k Ohm 5% 0,125W	12 Philips	2322 711 61472	40-34700-101			
R259	4,7 Ohm 5% 0,125W	12 Philips	2322 711 61478	40-04700-101			
R260	10k Ohm 5% 0,125W	12 Philips	2322 711 61103	40-41000-101			
R261	Res, Voltage Dependent	Philips	2322-592-52506	41-22506-592			
R263	2,7k Ohm 5% 0,125W	12 Philips	2322 711 61272	40-32700-101			
R264	22k Ohm 5% 0,125W	12 Philips	2322 711 61223	40-42200-101			
T200	Input Txfr	Protran	44-80270	44-80270			
T201	Pre-Driver I/P Txfr	Protran	2010	44-80271			
T202	Pre-Driver O/P Txfr	Protran	44-80272	44-80272			
T203	Driver O/P Txfr	Protran	44-80273	44-80273			
T204	Output Txfr	Protran	44-80274	44-80274			
V200	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V201	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V202	JFET, N Channel	S Philips	PMBFT310	MMBFJ310LT1			
V203	JFET, N Channel	S Philips	PMBFT310	MMBFJ310LT1			
V204	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V205	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V206	Transistor, PNP Si	S Philips	BC869/115	BC869			
V207	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V208	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V209	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V210	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V211	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V212	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V213	Transistor, PNP Curr Mirror	S Philips	BCV62B/215	BCV62B			
V214	Transistor, NPN Curr Mirror	S Philips	BCV61B/215	BCV61B			
V217	Transistor, PNP Si	S Philips	BC856-215	BC856			
V218	Transistor, PNP Si	S Philips	BC856-215	BC856			
V219	Transistor, PNP Si	S Philips	BC869/115	BC869			
V220	Transistor, NPN Si	S Philips	BC847-215	BC848			

Branch Plant	AE	Assembly No.	08-05415-001
Issue	2	Title	PA PCB
Notional WU	2010	Last CR	26423 30/12/99

<u>Ref.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Manufacturer's P/N</u>	<u>Codan P/N</u>	<u>Qty</u>	<u>UM</u>	<u>Remarks</u>
1	Spacer, Swaged	Routley & W	Various	05-05569	2.00	EA	
2	PCB, PA	IMP	2010	07-01799-03	1.00	EA	
3	Stake, Terminal	Autosplice	7-22461-5	61-40300-004	6.00	EA	

Codan Bill of Materials Report

Branch Plant	AE	Assembly No.	08-05416-001
Issue	10	Title	Filter & Control PCB
Notional WU	2010	Last CR	27359 13/11/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
	PA & Filter			04-03169	.01	EA	PA & Filter
2	Label, Serial/Barcode			06-02068	1.00	EA	
B1	Temp Sensor 10mV/degree C	S National	LM50BIM3X	LM50CIM3X			
C1	3,3n	10%	100V X7R	1206 Ni	Philips	12062R332K0BB-	46-33300-280
C2	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C3	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C4	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082
C5	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C6	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C7	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C8	330p	5%	500V NPO	1210 Ni	Philips	2222-972-11543	46-23300-082
C9	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C10	150p	5%	500V NPO	1210 Ni	Philips	1210CG151JDB-	46-21500-082
C11	470p	5%	500V NPO	1210 Ni	Philips	2222-972-11545	46-24700-082
C12	470p	5%	500V NPO	1210 Ni	Philips	2222-972-11545	46-24700-082
C13	390p	5%	500V NPO	1210 Ni	Philips	1210CG391JDB-	46-23900-082
C14	330p	5%	500V NPO	1210 Ni	Philips	2222-972-11543	46-23300-082
C15	330p	5%	500V NPO	1210 Ni	Philips	2222-972-11543	46-23300-082
C16	330p	5%	500V NPO	1210 Ni	Philips	2222-972-11543	46-23300-082
C17	470p	5%	500V NPO	1210 Ni	Philips	2222-972-11545	46-24700-082
C18	470p	5%	500V NPO	1210 Ni	Philips	2222-972-11545	46-24700-082
C19	390p	5%	500V NPO	1210 Ni	Philips	1210CG391JDB-	46-23900-082
C20	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C21	180p	5%	500V NPO	1210 Ni	Philips	2222-972-11539	46-21800-082
C22	470p	5%	500V NPO	1210 Ni	Philips	2222-972-11545	46-24700-082
C23	470p	5%	500V NPO	1210 Ni	Philips	2222-972-11545	46-24700-082
C24	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C25	180p	5%	500V NPO	1210 Ni	Philips	2222-972-11539	46-21800-082
C26	47p	5%	500V NPO	1206 Ni	Philips	2238-971-11532	46-14700-082
C27	47p	5%	500V NPO	1206 Ni	Philips	2238-971-11532	46-14700-082
C28	330p	5%	500V NPO	1210 Ni	Philips	2222-972-11543	46-23300-082
C29	330p	5%	500V NPO	1210 Ni	Philips	2222-972-11543	46-23300-082
C30	270p	5%	500V NPO	1210 Ni	Philips	2222-972-11542	46-22700-082
C31	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C32	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C33	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C34	330p	5%	500V NPO	1210 Ni	Philips	2222-972-11543	46-23300-082
C35	330p	5%	500V NPO	1210 Ni	Philips	2222-972-11543	46-23300-082
C36	270p	5%	500V NPO	1210 Ni	Philips	2222-972-11542	46-22700-082
C37	33p	5%	500V NPO	1206 Ni	Philips	2238-971-11529	46-13300-082
C38	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C39	330p	5%	500V NPO	1210 Ni	Philips	2222-972-11543	46-23300-082
C40	330p	5%	500V NPO	1210 Ni	Philips	2222-972-11543	46-23300-082
C41	150p	5%	500V NPO	1210 Ni	Philips	1210CG151JDB-	46-21500-082
C42	33p	5%	500V NPO	1206 Ni	Philips	2238-971-11529	46-13300-082
C43	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082
C44	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C45	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C46	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C47	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C48	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C49	150p	5%	500V NPO	1210 Ni	Philips	1210CG151JDB-	46-21500-082
C50	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C51	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C52	220p	5%	500V NPO	1210 Ni	Philips	2222-972-11541	46-22200-082
C53	100p	5%	500V NPO	1210 Ni	Philips	2222-972-11536	46-21000-082
C54	270p	5%	500V NPO	1210 Ni	Philips	2222-972-11542	46-22700-082
C55	270p	5%	500V NPO	1210 Ni	Philips	2222-972-11542	46-22700-082
C56	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C57	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082
C58	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C59	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C60	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C61	82p	5%	500V NPO	1210 Ni	Philips	2222-972-11535	46-18200-082
C62	82p	5%	500V NPO	1210 Ni	Philips	2222-972-11535	46-18200-082
C63	100p	5%	500V NPO	1210 Ni	Philips	2222-972-11536	46-21000-082
C64	150p	5%	500V NPO	1210 Ni	Philips	1210CG151JDB-	46-21500-082
C65	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C66	120p	5%	500V NPO	1210 Ni	Philips	2222-972-11537	46-21200-082
C67	100p	5%	500V NPO	1210 Ni	Philips	2222-972-11536	46-21000-082
C68	100p	5%	500V NPO	1210 Ni	Philips	2222-972-11536	46-21000-082

Codan Bill of Materials Report

Branch Plant	AE	Assembly No.	08-05416-001
Issue	10	Title	Filter & Control PCB
Notional WU	2010	Last CR	27359 13/11/02

Ref.	Description				Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C69	100p	5%	500V NPO	1210 Ni	Philips	2222-972-11536	46-21000-082			
C70	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C71	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C72	27p	5%	500V NPO	1206 Ni	Philips	2238-971-11528	46-12700-082			
C73	33p	5%	500V NPO	1206 Ni	Philips	2238-971-11529	46-13300-082			
C74	82p	5%	500V NPO	1210 Ni	Philips	2222-972-11535	46-18200-082			
C75	82p	5%	500V NPO	1210 Ni	Philips	2222-972-11535	46-18200-082			
C76	82p	5%	500V NPO	1210 Ni	Philips	2222-972-11535	46-18200-082			
C77	56p	5%	500V NPO	1210 Ni	Philips	2222-972-11533	46-15600-082			
C78	56p	5%	500V NPO	1210 Ni	Philips	2222-972-11533	46-15600-082			
C79	47p	5%	500V NPO	1206 Ni	Philips	2238-971-11532	46-14700-082			
C80	82p	5%	500V NPO	1210 Ni	Philips	2222-972-11535	46-18200-082			
C81	68p	5%	500V NPO	1210 Ni	Philips	2222-972-11534	46-16800-082			
C82	68p	5%	500V NPO	1210 Ni	Philips	2222-972-11534	46-16800-082			
C83	22p	5%	500V NPO	1206 Ni	Philips	2238-971-11527	46-12200-082			
C84	68p	5%	500V NPO	1210 Ni	Philips	2222-972-11534	46-16800-082			
C85	68p	5%	500V NPO	1210 Ni	Philips	2222-972-11534	46-16800-082			
C86	22p	5%	500V NPO	1206 Ni	Philips	2238-971-11527	46-12200-082			
C87	27p	5%	500V NPO	1206 Ni	Philips	2238-971-11528	46-12700-082			
C88	33p	5%	500V NPO	1206 Ni	Philips	2238-971-11529	46-13300-082			
C89	47p	5%	500V NPO	1206 Ni	Philips	2238-971-11532	46-14700-082			
C90	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C91	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C92	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C93	47p	5%	500V NPO	1206 Ni	Philips	2238-971-11532	46-14700-082			
C94	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C95	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C96	47p	5%	500V NPO	1206 Ni	Philips	2238-971-11532	46-14700-082			
C97	47p	5%	500V NPO	1206 Ni	Philips	2238-971-11532	46-14700-082			
C98	47p	5%	500V NPO	1206 Ni	Philips	2238-971-11532	46-14700-082			
C99	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C100	15p	5%	500V NPO	1206 Ni	Philips	2222-971-11525	46-11500-082			
C101	68p	5%	500V NPO	1210 Ni	Philips	2222-972-11534	46-16800-082			
C102	56p	5%	500V NPO	1210 Ni	Philips	2222-972-11533	46-15600-082			
C103	10p	5%	500V NPO	1206 Ni	Philips	2238-971-11523	46-11000-082			
C104	10p	5%	500V NPO	1206 Ni	Philips	2238-971-11523	46-11000-082			
C105	27p	5%	500V NPO	1206 Ni	Philips	2238-971-11528	46-12700-082			
C106	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C107	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C108	22p	5%	500V NPO	1206 Ni	Philips	2238-971-11527	46-12200-082			
C109	22p	5%	500V NPO	1206 Ni	Philips	2238-971-11527	46-12200-082			
C110	22p	5%	500V NPO	1206 Ni	Philips	2238-971-11527	46-12200-082			
C111	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C112	39p	5%	500V NPO	1206 Ni	Philips	2238-971-11531	46-13900-082			
C113	22p	5%	500V NPO	1206 Ni	Philips	2238-971-11527	46-12200-082			
C114	27p	5%	500V NPO	1206 Ni	Philips	2238-971-11528	46-12700-082			
C115	18p	5%	500V NPO	1206 Ni	Philips	2238-971-11526	46-11800-082			
C116	100n	10%	50V X7R	1206 Ni	Philips	12062R104K9BB-	46-51000-281			
C117	100n	10%	50V X7R	1206 Ni	Philips	12062R104K9BB-	46-51000-281			
C118	100n	10%	50V X7R	1206 Ni	Philips	12062R104K9BB-	46-51000-281			
C119	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C120	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C121	100p	5%	50V NPO	1206 Ni	Philips	1206CG101J9BB-	46-21000-080			
C122	100p	5%	50V NPO	1206 Ni	Philips	1206CG101J9BB-	46-21000-080			
C123	100p	5%	50V NPO	1206 Ni	Philips	1206CG101J9BB-	46-21000-080			
C124	100p	5%	50V NPO	1206 Ni	Philips	1206CG101J9BB-	46-21000-080			
C125	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C126	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C127	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C129	10u	20%	25V	6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C130	10u	20%	25V	6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C131	10u	20%	25V	6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C132	1u	20%	35V	3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C133	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C134	22p	5%	50V NPO	1206 Ni	Philips	1206CG220J9BB-	46-12200-080			
C135	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C136	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C137	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C138	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C139	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C140	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C141	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C142	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C143	33n	10%	100V X7R	1206 Ni	Philips	12062R333K0BB-	46-43300-280			

Branch Plant	AE	Assembly No.	08-05416-001
Issue	10	Title	Filter & Control PCB
Notional WU	2010	Last CR	27359 13/11/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C144	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C145	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C146	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C147	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C148	100p 5% 50V NPO 1206 Ni	Philips	1206CG101J9BB-	46-21000-080			
C149	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C150	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C151	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C153	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C154	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C155	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C156	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C157	100p 5% 50V NPO 1206 Ni	Philips	1206CG101J9BB-	46-21000-080			
C158	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
D1	Diode, Schottky	S HP	HSMS-2800	BAS70			
D2	Diode, Schottky	S HP	HSMS-2800	BAS70			
D3	Diode, Si fast low cap high co	PHILIPS	BAW62-113	23-10001			
D4	Diode, Si fast low cap high co	PHILIPS	BAW62-113	23-10001			
D5	Diode, Si fast low cap high co	PHILIPS	BAW62-113	23-10001			
D6	Diode, Si fast low cap high co	PHILIPS	BAW62-113	23-10001			
D7	Diode, Si fast low cap high co	PHILIPS	BAW62-113	23-10001			
D8	Diode, Si fast low cap high co	PHILIPS	BAW62-113	23-10001			
D9	Diode, Band Switch Si	S Philips	BA242AL	BA423L			
D10	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
D11	Diode, Si High speed 75V	S Philips	BAS16/215	BAS16			
D12	Diode, Si High speed 75V	S Philips	BAS16/215	BAS16			
D14	Diode, Schottky	S HP	HSMS-2800	BAS70			
IC1	Reg, Voltage +10V	IC National	LM2940T-10	XB-02940-402			
IC2	Micro prgmd, RFU Filter I/O			90-20593-001			
IC3	Array, Transistor	On-Semiconduc	MC1413DR2	XT-01413-700			
IC4	Reg, Voltage +5V 0,1A	IC Motorola	MC78L05ACD	XB-07805-700			
IC5	Amp, Oper Dual CMOS	IC National	LMC662CMX	XA-00662-700			
IC6	Amp, Operational Dual	IC Philips	LM358D-653	XA-00358-700			
J1	Socket, Coax Mini Low Prof Fix	Taiko Denki	TMP-J02X-A1	60-19390-002			
J2	Socket, MCX Straight	P Chin Nan	27-05-TGN	60-19300			
J3	Terminal Block 2 way	PCB ECE	ETB1502	61-10200-202			
K1	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K2	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K3	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K4	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K5	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K6	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K7	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K8	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
L2	Ind, 1mH 10% 1812	Coilcraft	1812LS-105XKBC	43-83100-000			
L3	Ind, 3u36 vi/gn/bk/ye			44-70504			
L4	Ind, 2u28 bl/bl/bl/bk	Fetronics	44-70476	44-70476			
L5	Ind, 2u89 vi/gn/bk/or			44-70503			
L6	Ind, 2u28 bl/bl/bl/bk	Fetronics	44-70476	44-70476			
L7	Ind, 1,6uH gn/bk/gn	Fetronics	9323/9360/2010	44-70465			
L8	Ind, 1,8uH gn/sl/gn	Fetronics	9323/9360/2010	44-70466			
L9	Ind, 1u21 vi/gn/bk/rd			44-70502			
L10	Ind, 1,2uH sl/sl/sl	Fe-tronic		44-70369			
L11	Ind, 1,6uH gn/bk/gn	Fetronics	9323/9360/2010	44-70465			
L12	Ind, 1,0uH sl/sl/or			44-70368			
L13	Ind, 712nH bn/sl/bn	Fetronics	9323/9360/2010	44-70467			
L14	Ind, 837nH bl/bl/bl/gn	Fetronics	9360/2010	44-70477			
L15	Ind, 620nH vi/vi/wh	Fe-tronic		44-70393			
L16	Ind, 499nH vi/gn/bk/bn			44-70501			
L17	Ind, 530nH bl/bl/bl/bn	Fetronics	9360/2010	44-70478			
L18	Ind, 422nH bl/bl/bl/or	Fetronics	9360/2010	44-70479			
L19	Ind, 291nH vi/gn/bk/bk			44-70500			
L20	Ind, 422nH bl/bl/bl/or	Fetronics	9360/2010	44-70479			
L21	Ind, 80nH vi/gn/bk/bl			44-70506			
L22	Ind, 225nH bn/bl	Fetronics	44-70470	44-70470			
L23	Ind, 225nH bn/bl	Fetronics	44-70470	44-70470			
L24	Ind, 267nH vi/ye/wh/wh			44-70499			
L25	Ind, Common Mode 1.5A	Taiyo Yuden	CM05RA06	43-80000			
L26	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			

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Branch Plant	AE	Assembly No.	08-05416-001
Issue	10	Title	Filter & Control PCB
Notional WU	2010	Last CR	27359 13/11/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
L27	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L28	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L29	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
P1	Not Fitted			**--00000-001			Not Fitted
P2	Header (P) 16 way 2 row Boxed	Thomas & Bett	609-1627	60-00160-000			
P3	Header (P) 2way 1row Latch	JAE	IL-2P-S3EN2	60-00020-260			
P4	Header (P) 16 way 2 row Boxed	Thomas & Bett	609-1627	60-00160-000			
R1	33k Ohm 5% 0,125W 12	Roederstein	D25033KJBS	40-43300-101			
R2	33k Ohm 5% 0,125W 12	Roederstein	D25033KJBS	40-43300-101			
R3	33k Ohm 5% 0,125W 12	Roederstein	D25033KJBS	40-43300-101			
R4	100 Ohm 5% 0,33W CF R	Meftek	CR-25	40-21000-020			
R5	100 Ohm 5% 0,33W CF R	Meftek	CR-25	40-21000-020			
R6	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R7	4,7k Ohm 5% 0,125W 12	Philips	2322 711 61472	40-34700-101			
R8	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R9	100k Ohm 5% 0,125W 12	Philips	2322 711 61104	40-51000-101			
R10	4,7k Ohm 5% 0,125W 12	Philips	2322 711 61472	40-34700-101			
R11	100k Ohm 5% 0,125W 12	Philips	2322 711 61104	40-51000-101			
R12	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R13	22k Ohm 5% 0,125W 12	Philips	2322 711 61223	40-42200-101			
R14	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R15	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R16	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R17	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R18	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R19	10k Ohm R/2R Ladder 8Bit SIL	Bourns	4610X-R2R-103	40-84109-002			
R20	3,3k Ohm 5% 0,125W 12	Philips	2322 711 61332	40-33300-101			
R21	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R22	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R23	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R26	4,7k Ohm 5% 0,125W 12	Philips	2322 711 61472	40-34700-101			
R27	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R28	18k Ohm 5% 0,125W 12	Philips	2322 711 61183	40-41800-101			
R29	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R30	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R32	Pot,10k Lin MG Trim S	Bourns	3314 J-1-103E	42-41004-000			
R33	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R34	33k Ohm 5% 0,125W 12	Roederstein	D25033KJBS	40-43300-101			
R35	Pot,100k Lin MG Trim S	Bourns	3314 J-1-104E	42-51060-001			
R36	220 Ohm 5% 0,125W 12	Philips	2322 711 61221	40-22200-101			
R37	33k Ohm 5% 0,125W 12	Roederstein	D25033KJBS	40-43300-101			
R38	6,8k Ohm 5% 0,125W 12	Philips	2322 711 61682	40-36800-101			
R39	82k Ohm 5% 0,125W 12	Philips	2322 711 61823	40-48200-101			
R40	270k Ohm 5% 0,125W 12	Philips	2322 711 61274	40-52700-101			
R41	33k Ohm 5% 0,125W 12	Roederstein	D25033KJBS	40-43300-101			
R42	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R43	1,8k Ohm 5% 0,125W 12	Philips	2322 711 61182	40-31800-101			
R44	33k Ohm 5% 0,125W 12	Roederstein	D25033KJBS	40-43300-101			
R45	100k Ohm 5% 0,125W 12	Philips	2322 711 61104	40-51000-101			
R46	18k Ohm 2% 0,125W 12	Philips	2322 711 41183	40-41800-102			
R47	100k Ohm 5% 0,125W 12	Philips	2322 711 61104	40-51000-101			
R48	560k Ohm 5% 0,125W 12	Philips	2322 711 61564	40-55600-101			
R49	390k Ohm 5% 0,125W 12	Philips	2322 711 61394	40-53900-101			
R50	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R51	68k Ohm 5% 0,125W 12	Philips	2322 711 61683	40-46800-101			
R52	2,7k Ohm 5% 0,125W 12	Philips	2322 711 61272	40-32700-101			
R53	3,3k Ohm 5% 0,125W 12	Philips	2322 711 61332	40-33300-101			
R54	4,7k Ohm 5% 0,125W 12	Philips	2322 711 61472	40-34700-101			
R55	3,9k Ohm 5% 0,125W 12	Philips	2322 711 61392	40-33900-101			
R56	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R57	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R58	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R59	120k Ohm 5% 0,125W 12	Philips	2322 711 61124	40-51200-101			
R60	22k Ohm 5% 0,125W 12	Philips	2322 711 61223	40-42200-101			
R61	82 Ohm 5% 0,125W 12	Philips	2322 711 61829	40-18200-101			
R62	33k Ohm 5% 0,125W 12	Roederstein	D25033KJBS	40-43300-101			
R63	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R64	470k Ohm 5% 0,125W 12	Philips	2322 711 61474	40-54700-101			
R65	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R66	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R67	39k Ohm 2% 0,125W 12	Philips	2322-711-41393	40-43900-102			
R68	5,6k Ohm 2% 0,125W 12	Philips	2322-711-41562	40-35600-102			

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Branch Plant	AE	Assembly No.	08-05416-001
Issue	10	Title	Filter & Control PCB
Notional WU	2010	Last CR	27359 13/11/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R69	1 Ohm 2% 0,125W 12	Philips	2322 712 83108	40-01000-102			
R70	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R71	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R72	47k Ohm 5% 0,125W 12	Philips	2322 711 61473	40-44700-101			
T1	Txfr, RF or	Fetronics	Various	44-80021			
V1	Transistor, NPN Si	S Philips	BC847-215	BC848			
V2	Transistor, PNP Si	S On-Semiconduc	MJD32CT4	MJD32C			
V3	Transistor, NPN Si	S Philips	BCX20/215	BCX20			
V4	Transistor, NPN Si	S Philips	BC847-215	BC848			
V5	Transistor, PNP Si	S Adilam	BC857/215	BC858			
V6	MOSFET, N Channel Enhance.	S Philips	BST82	BST82			
V7	Transistor, NPN Si	S Philips	BC847-215	BC848			
V8	Transistor, NPN Si	S Philips	BC847-215	BC848			
V9	Transistor, NPN Si	S Philips	BC847-215	BC848			
V10	Transistor, NPN Si	S Philips	BC847-215	BC848			
V11	MOSFET, N Channel Enhance.	S Philips	BST82	BST82			
V12	Transistor, NPN Si	S Philips	BC847-215	BC848			
V13	Transistor, NPN Si	S Philips	BC847-215	BC848			
V14	MOSFET, N Channel Enhance.	S Philips	BST82	BST82			
V15	Transistor, NPN Si	S Philips	BC847-215	BC848			
V16	Transistor, NPN Si	S Philips	BC847-215	BC848			
1	PCB, Filter & Control	IMP	C119-245	07-01800-07	1.00	EA	
3	Cable, Coax	Intertech	08-05484-001 (1215)	08-05484-001	1.00	EA	
5	Cable, Ribbon, PA - Filter	Auto Assy	08-05487-001	08-05487-001	1.00	EA	
6	Cable, Ribbon, Filter - Audio	Auto Assy	2010	08-05488-001	1.00	EA	
	Build Standard, 2010			01-01252	1.00	EA	
	TP, NGT PA Alignment			10-00816	1.00	EA	
	X3 PA Assembly Proc (Interim)			11-06034	1.00	EA	

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Branch Plant	AE	Assembly No.	08-05470-001
Issue	7	Title	Audio PCB
Notional WU	2030	Last CR	27359 13/11/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
	Audio			04-03201	.01	EA	Audio
2	Label, Serial/Barcode			06-02068	1.00	EA	
C1	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C2	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C3	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C4	100p 5% 50V NPO	1206 Ni Philips	1206CG101J9BB-	46-21000-080			
C5	100p 5% 50V NPO	1206 Ni Philips	1206CG101J9BB-	46-21000-080			
C6	100p 5% 50V NPO	1206 Ni Philips	1206CG101J9BB-	46-21000-080			
C7	100p 5% 50V NPO	1206 Ni Philips	1206CG101J9BB-	46-21000-080			
C8	100n 10% 50V X7R	1206 Ni Philips	12062R104K9BB-	46-51000-281			
C9	10u 20% 25V	6032 TA C Kemet	T491C106M025AS	47-11002-520			
C10	1000u 16V	EL C Jamicon	SKR102T1CJ21	48-31001-651			
C11	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C12	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C13	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C14	100n 10% 50V X7R	1206 Ni Philips	12062R104K9BB-	46-51000-281			
C15	100u 25V	EL C Philips	2222-035-56101	48-21002-551			
C16	470u 16V	EL C Jamicon	SKR470T1CG18	48-24701-651			
C17	2,2n 5% 50V NPO	1206 Ni Philips	1206CG222J9BB-	46-32200-081			
C18	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C19	2,2n 5% 50V NPO	1206 Ni Philips	1206CG222J9BB-	46-32200-081			
C20	3,9n 5% 50V NPO	1206 Ni Philips	2222-891-10557	46-33900-080			
C21	330p 5% 50V NPO	1206 Ni Philips	1206CG331J9B200	46-23300-080			
C22	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C23	4,7n 5% 50V NPO	1206 Ni Philips	1206CG472J9B200	46-34700-080			
C24	4,7n 5% 50V NPO	1206 Ni Philips	1206CG472J9B200	46-34700-080			
C25	220p 5% 50V NPO	1206 Ni Philips	1206CG221J9BB-	46-22200-080			
C26	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C27	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C28	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C29	2,2n 5% 50V NPO	1206 Ni Philips	1206CG222J9BB-	46-32200-081			
C30	2,2n 5% 50V NPO	1206 Ni Philips	1206CG222J9BB-	46-32200-081			
C31	3,9n 5% 50V NPO	1206 Ni Philips	2222-891-10557	46-33900-080			
C32	330p 5% 50V NPO	1206 Ni Philips	1206CG331J9B200	46-23300-080			
C33	4,7n 5% 50V NPO	1206 Ni Philips	1206CG472J9B200	46-34700-080			
C34	4,7n 5% 50V NPO	1206 Ni Philips	1206CG472J9B200	46-34700-080			
C35	220p 5% 50V NPO	1206 Ni Philips	1206CG221J9BB-	46-22200-080			
C36	1u 20% 35V	3528 TA C Kemet	T491B105M035AS	47-01003-520			
C37	470p 5% 50V NPO	1206 Ni Philips	1206CG471J9BB-	46-24700-080			
C38	470p 5% 50V NPO	1206 Ni Philips	1206CG471J9BB-	46-24700-080			
C39	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C40	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C41	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C42	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C43	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C44	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C45	33n 10% 100V X7R	1206 Ni Philips	12062R333K0BB-	46-43300-280			
C46	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C47	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C48	470p 5% 50V NPO	1206 Ni Philips	1206CG471J9BB-	46-24700-080			
C49	470p 5% 50V NPO	1206 Ni Philips	1206CG471J9BB-	46-24700-080			
C50	470p 5% 50V NPO	1206 Ni Philips	1206CG471J9BB-	46-24700-080			
C51	470p 5% 50V NPO	1206 Ni Philips	1206CG471J9BB-	46-24700-080			
C52	10u 20% 25V	6032 TA C Kemet	T491C106M025AS	47-11002-520			
C53	10u 20% 25V	6032 TA C Kemet	T491C106M025AS	47-11002-520			
C54	10u 20% 25V	6032 TA C Kemet	T491C106M025AS	47-11002-520			
C55	470u 16V	EL C Jamicon	SKR470T1CG18	48-24701-651			
C56	100n 10% 50V X7R	1206 Ni Philips	12062R104K9BB-	46-51000-281			
C57	100n 10% 50V X7R	1206 Ni Philips	12062R104K9BB-	46-51000-281			
C58	100n 10% 50V X7R	1206 Ni Philips	12062R104K9BB-	46-51000-281			
C59	100n 10% 50V X7R	1206 Ni Philips	12062R104K9BB-	46-51000-281			
C60	100n 10% 50V X7R	1206 Ni Philips	12062R104K9BB-	46-51000-281			
C61	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C62	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C63	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C64	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C65	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C66	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C67	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C68	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C69	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			
C70	3,3n 10% 100V X7R	1206 Ni Philips	12062R332K0BB-	46-33300-280			

Codan Bill of Materials Report

Branch Plant	AE	Assembly No.	08-05470-001
Issue	7	Title	Audio PCB
Notional WU	2030	Last CR	27359 13/11/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C71	3,3n 10% 100V X7R 1206 Ni	Philips	12062R332K0BB-	46-33300-280			
C72	3,3n 10% 100V X7R 1206 Ni	Philips	12062R332K0BB-	46-33300-280			
C73	3,3n 10% 100V X7R 1206 Ni	Philips	12062R332K0BB-	46-33300-280			
C74	3,3n 10% 100V X7R 1206 Ni	Philips	12062R332K0BB-	46-33300-280			
C75	220p 5% 50V NPO 1206 Ni	Philips	1206CG221J9BB-	46-22200-080			
C76	220p 5% 50V NPO 1206 Ni	Philips	1206CG221J9BB-	46-22200-080			
C77	22p 5% 50V NPO 1206 Ni	Philips	1206CG220J9BB-	46-12200-080			
C78	22p 5% 50V NPO 1206 Ni	Philips	1206CG220J9BB-	46-12200-080			
C79	100p 5% 50V NPO 1206 Ni	Philips	1206CG101J9BB-	46-21000-080			
D1	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D2	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D3	Diode, Si 400V 1A	Rectron	1N4004	1N4004			
H1	LED, Tricolour T-1 3/4 Diffus	Lite-on	LTL-30EFJ	65-61110-901			
H2	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
H3	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
IC1	EPLD prgmd, JB Audio			90-20587-001			
IC2	Pot, 50k Digital Quad	Xicor	X9241US	YN-09241-701			
IC3	Amp, Power 12W IC	Philips	TDA1020	TDA1020			
IC4	Amp, Op Dual Fast IC	Texas Inst	TLE2082CDR	XA-02082-700			
IC5	Amp, Op Dual Fast IC	Texas Inst	TLE2082CDR	XA-02082-700			
IC6	Amp, Op Dual Fast IC	Texas Inst	TLE2082CDR	XA-02082-700			
IC7	Amp, Op Dual Fast IC	Texas Inst	TLE2082CDR	XA-02082-700			
IC8	Amp, Op Dual Fast IC	Texas Inst	TLE2082CDR	XA-02082-700			
IC9	Switch, Analog Quad Fast	Harris	DG445DY	YI-00445-700			
IC10	Amp, Op Dual Fast IC	Texas Inst	TLE2082CDR	XA-02082-700			
IC11	Amp, Op Dual Fast IC	Texas Inst	TLE2082CDR	XA-02082-700			
IC12	Reg, Voltage +10V IC	National	LM2940T-10	XB-02940-402			
IC13	Reg, Voltage +5V 0,1A IC	Motorola	MC78L05ACD	XB-07805-700			
K1	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
L1	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L2	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L3	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L4	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L5	Choke, Common Mode (Data) SMD	Taiyo Yuden	CM04RC04	43-82470-000			
L6	Choke, Common Mode (Data) SMD	Taiyo Yuden	CM04RC04	43-82470-000			
L7	Choke, Common Mode (Data) SMD	Taiyo Yuden	CM04RC04	43-82470-000			
L8	Choke, Common Mode (Data) SMD	Taiyo Yuden	CM04RC04	43-82470-000			
L9	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L10	Ind, Common Mode 5.5A	Taiyo Yuden	CM08RA20	43-80001			
P1	Header (P) 34way 2row boxed f	Thomas & Bett	609-3427	60-00340-001			
P2	Header (P) 10way 2mm Latch Fix	AMP	1-173981-0	60-00100-351			
P3	Header (P) 10way 2mm Latch Fix	AMP	1-173981-0	60-00100-351			
P5	Header (P) 10way 2row thin ins	Berg	67997-410H	60-00100-002			
P6	Header (P) 4way 2mm Latch Fix	AMP	173981-4	60-00040-352			
P7	Header (P) 8way 2mm Latch Fix	AMP	173981-8	60-00080-001			
P8	Header (P) 3way 1row	Berg	78511-403	60-00031-100			
P8	Header (P) 3way 1row	Berg	78511-403	60-00031-100			
P9	Header (P) 16way 2row thin ins	Berg Elec	67997-416H	60-00160-001			
P10	Header (P) 10way 2row thin ins	Berg	67997-410H	60-00100-002			
R1	4,7k Ohm 5% 0,125W 12	Philips	2322 711 61472	40-34700-101			
R2	2,2k Ohm 5% 0,125W 12	Philips	2322 711 61222	40-32200-101			
R3	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R4	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R5	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R6	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R7	2,2k Ohm 5% 0,125W 12	Philips	2322 711 61222	40-32200-101			
R8	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R9	2,2k Ohm 5% 0,125W 12	Philips	2322 711 61222	40-32200-101			
R10	270 Ohm 5% 0,125W 12	Philips	2322 711 61271	40-22700-101			
R11	2,2k Ohm 5% 0,125W 12	Philips	2322 711 61222	40-32200-101			
R12	2,2k Ohm 5% 0,125W 12	Philips	2322 711 61222	40-32200-101			
R13	2,2k Ohm 5% 0,125W 12	Philips	2322 711 61222	40-32200-101			
R14	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R15	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R16	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R17	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R18	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			

Codan Bill of Materials Report

Branch Plant	AE	Assembly No.	08-05470-001
Issue	7	Title	Audio PCB
Notional WU	2030	Last CR	27359 13/11/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R19	330k Ohm 2% 0,125W 12	Philips	2322-711-41334	40-53300-102			
R20	47k Ohm 5% 0,125W 12	Philips	2322 711 61473	40-44700-101			
R21	3,3 Ohm 5% 0,125W 12	Philips	2322 711 61338	40-03300-101			
R22	4,7k Ohm 5% 0,125W 12	Philips	2322 711 61472	40-34700-101			
R23	51k Ohm 5% 0,1W 08	Philips	2322 730 61513	40-45100-111			
R25	51k Ohm 5% 0,1W 08	Philips	2322 730 61513	40-45100-111			
R27	51k Ohm 5% 0,1W 08	Philips	2322 730 61513	40-45100-111			
R29	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R30	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R31	18k Ohm 5% 0,125W 12	Philips	2322 711 61183	40-41800-101			
R32	1,5k Ohm 5% 0,125W 12	Philips	2322 711 61152	40-31500-101			
R33	1,5k Ohm 5% 0,125W 12	Philips	2322 711 61152	40-31500-101			
R34	47k Ohm 5% 0,125W 12	Philips	2322 711 61473	40-44700-101			
R35	4,7k Ohm 5% 0,125W 12	Philips	2322 711 61472	40-34700-101			
R36	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R37	22k Ohm 5% 0,125W 12	Philips	2322 711 61223	40-42200-101			
R38	22k Ohm 5% 0,125W 12	Philips	2322 711 61223	40-42200-101			
R39	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R40	51k Ohm 5% 0,1W 08	Philips	2322 730 61513	40-45100-111			
R42	51k Ohm 5% 0,1W 08	Philips	2322 730 61513	40-45100-111			
R44	51k Ohm 5% 0,1W 08	Philips	2322 730 61513	40-45100-111			
R46	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R47	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R48	22k Ohm 5% 0,125W 12	Philips	2322 711 61223	40-42200-101			
R49	22k Ohm 5% 0,125W 12	Philips	2322 711 61223	40-42200-101			
R50	22k Ohm 5% 0,125W 12	Philips	2322 711 61223	40-42200-101			
R51	22k Ohm 5% 0,125W 12	Philips	2322 711 61223	40-42200-101			
R52	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R53	18k Ohm 5% 0,125W 12	Philips	2322 711 61183	40-41800-101			
R54	1,8k Ohm 5% 0,125W 12	Philips	2322 711 61182	40-31800-101			
R55	47k Ohm 5% 0,125W 12	Philips	2322 711 61473	40-44700-101			
R56	10k Ohm 5% 0,125W 12	Philips	2322 711 61103	40-41000-101			
R57	47k Ohm 5% 0,125W 12	Philips	2322 711 61473	40-44700-101			
R58	47k Ohm 5% 0,125W 12	Philips	2322 711 61473	40-44700-101			
R59	47k Ohm 5% 0,125W 12	Philips	2322 711 61473	40-44700-101			
R60	22k Ohm 5% 0,125W 12	Philips	2322 711 61223	40-42200-101			
R61	47k Ohm 5% 0,125W 12	Philips	2322 711 61473	40-44700-101			
R62	47k Ohm 5% 0,125W 12	Philips	2322 711 61473	40-44700-101			
R63	22k Ohm 5% 0,125W 12	Philips	2322 711 61223	40-42200-101			
R64	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R65	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R66	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R67	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R68	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R69	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R70	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R71	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R72	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R73	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R74	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R75	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R76	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R77	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R78	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R79	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R80	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R81	100 Ohm 5% 0,125W 12	Philips	2322 711 61101	40-21000-101			
R82	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R83	1M Ohm 5% 0,1W 08			40-61000-111			
R84	1k Ohm 5% 0,125W 12	Philips	2322 711 61102	40-31000-101			
R85	1M Ohm 5% 0,1W 08			40-61000-111			
R86	1M Ohm 5% 0,1W 08			40-61000-111			
T1	Txfr, Line isolation SMD	Etal	P2781TR	43-30002			
V1	Transistor, NPN Si	S Philips	BFR92A -215	BFR92A			
V2	Transistor, PNP Si	S Adilam	BC857/215	BC858			
V3	Transistor, PNP Si	S Adilam	BC857/215	BC858			
V4	Transistor, NPN Si	S Philips	BC847-215	BC848			
V5	Transistor, NPN Si	S Philips	BC847-215	BC848			
Z1	Crystal, 16000 kHz	uP Gra Hy-Q	QC49/SMD	65-90103			
1	PCB, Audio	Bolnar Taiwan	07-01825-07	07-01825-07	1.00	EA	

Branch Plant	AE	Assembly No.	08-05470-001
Issue	7	Title	Audio PCB
Notional WU	2030	Last CR	27359 13/11/02

<u>Ref.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Manufacturer's P/N</u>	<u>Codan P/N</u>	<u>Qty</u>	<u>UM</u>	<u>Remarks</u>
3	Jumper (S) 2way Open Top	Philips	2422-024-88003	60-90410-001	2.00	EA	
	Build Standard, 2030			01-01250	1.00	EA	
	PTP, 2030, Audio PCB			10-50043	.01	EA	PTP, 2030, Audio PCB
	Audio PCB			11-06074	.01	EA	Audio PCB

Codan Bill of Materials Report

Branch Plant	AE	Assembly No.	08-05511-001
Issue	8	Title	PA Assy c/w Heatsink
Notional WU	2010	Last CR	27359 13/11/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
	Heat, Transfer Compound	Electrolube	317-950 HTCl	71-31000-004	.01	EA	
10	Label, Serial/Barcode			06-02068	1.00	EA	
C200	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C201	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C202	100u 25V EL C	Philips	2222-035-56101	48-21002-551			
C203	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C204	22p 5% 50V NPO 1206 Ni	Philips	1206CG220J9BB-	46-12200-080			
C205	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C206	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C207	15p 5% 500V NPO 1206 Ni	Philips	2222-971-11525	46-11500-082			
C208	100u 25V EL C	Philips	2222-035-56101	48-21002-551			
C209	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C210	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C211	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C212	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C213	1n 5% 50V NPO 1206 Ni	Philips	2222-863-15102	46-31000-081			
C214	100u 25V EL C	Philips	2222-035-56101	48-21002-551			
C215	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C216	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C217	22p 5% 50V NPO 1206 Ni	Philips	1206CG220J9BB-	46-12200-080			
C218	22p 5% 50V NPO 1206 Ni	Philips	1206CG220J9BB-	46-12200-080			
C219	100p 5% 50V NPO 1206 Ni	Philips	1206CG101J9BB-	46-21000-080			
C220	10n 10% 100V X7R 1206 Ni	Philips	12062R103K0BB-	46-41000-280			
C221	10n 10% 100V X7R 1206 Ni	Philips	12062R103K0BB-	46-41000-280			
C222	100p 5% 50V NPO 1206 Ni	Philips	1206CG101J9BB-	46-21000-080			
C223	330p 5% 500V NPO 1210 Ni	Philips	2222-972-11543	46-23300-082			
C224	330p 5% 500V NPO 1210 Ni	Philips	2222-972-11543	46-23300-082			
C225	330p 5% 500V NPO 1210 Ni	Philips	2222-972-11543	46-23300-082			
C226	47p 5% 50V NPO 1206 Ni	Philips	1206CG470J9BB-	46-14700-081			
C227	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C228	100u 25V EL C	Philips	2222-035-56101	48-21002-551			
C229	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C230	100n 10% 50V X7R 1206 Ni	Philips	12062R104K9BB-	46-51000-281			
C231	470n 10% 63V PE C	Philips	2222 370 18474	46-54700-521			
C232	33n 10% 100V X7R 1206 Ni	Philips	12062R333K0BB-	46-43300-280			
C233	100p 5% 50V NPO 1206 Ni	Philips	1206CG101J9BB-	46-21000-080			
D200	Diode, Schottky S	HP	HSMS-2800	BAS70			
D201	Diode, Schottky S	Philips	BAT54	BAT54			
D202	Diode, Schottky S	HP	HSMS-2800	BAS70			
D203	Diode, Zener 15V 5% 0,2W SOT	Philips	BZX84C15-215	BZX84C15			
D204	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D205	Diode, Si 400V 1A	Rectron	1N4004	1N4004			
IC200	Reg, Voltage +5V 0,1A IC	Motorola	MC78L05ACD	XB-07805-700			
IC201	Amp, Operational Dual IC	Philips	LM358D-653	XA-00358-700			
IC202	Amp, Oper Dual CMOS IC	National	LMC662CMX	XA-00662-700			
J200	Socket, Coax Mini Low Prof Fix	Taiko Denki	TMP-J02X-A1	60-19390-002			
K200	Relay, 1C 12V 16A 340 O	EBERLE	042901 62 0100	64-31125-234			
L202	Ind, 1uH 10% 3028	Coilcraft	1008CS-102XKBC	43-80100-000			
L205	Ind, PA DC feed or/wh/or	Fetronics	44-70457	44-70457			
P200	Header (P) 16 way 2 row Boxed	Thomas & Bett	609-1627	60-00160-000			
R200	47 Ohm 5% 0,125W 12	Philips	2322 711 61479	40-14700-101			
R201	47 Ohm 5% 0,125W 12	Philips	2322 711 61479	40-14700-101			
R202	56 Ohm 5% 0,125W 12	Philips	2322 711 61569	40-15600-101			
R203	330 Ohm 5% 0,125W 12	Philips	2322 711 61331	40-23300-101			
R204	330 Ohm 5% 0,125W 12	Philips	2322 711 61331	40-23300-101			
R205	Pot,100 Lin MG Trim S	Bourns	3314 J-1-101E	42-21004-000			
R206	27 Ohm 5% 0,125W 12	Philips	2322 711 61279	40-12700-101			
R207	10 Ohm 5% 0,125W 12	Philips	2322 711 61109	40-11000-101			
R208	47k Ohm 5% 0,125W 12	Philips	2322 711 61473	40-44700-101			
R209	3,9k Ohm 5% 0,125W 12	Philips	2322 711 61392	40-33900-101			
R210	10k Ohm 1% 0,125W 12	Philips	2322-724-61003	40-41000-105			
R211	4,7k Ohm 1% 0,125W 12	Philips	2322 724 64702	40-34700-105			
R212	10k Ohm 1% 0,125W 12	Philips	2322-724-61003	40-41000-105			
R213	680 Ohm 5% 0,125W 12	Philips	2322 711 61681	40-26800-101			
R214	680 Ohm 5% 0,125W 12	Philips	2322 711 61681	40-26800-101			

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Branch Plant	AE	Assembly No.	08-05511-001
Issue	8	Title	PA Assy c/w Heatsink
Notional WU	2010	Last CR	27359 13/11/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R215	470 Ohm 1% 0,125W	Philips	2322 724 64701	40-24700-105			
R216	4,7 Ohm 5% 0,125W	Philips	2322 711 61478	40-04700-101			
R217	22 Ohm 5% 0,125W	Philips	2322 711 61229	40-12200-101			
R218	4,7 Ohm 5% 0,125W	Philips	2322 711 61478	40-04700-101			
R219	22 Ohm 5% 0,125W	Philips	2322 711 61229	40-12200-101			
R220	4,7k Ohm 1% 0,125W	Philips	2322 724 64702	40-34700-105			
R221	180 Ohm 5% 0,125W	Philips	2322 711 61181	40-21800-101			
R222	Pot,1k Lin MG Trim	S Bourns	3314 J-1-102E	42-31004-000			
R223	10 Ohm 5% 0,125W	Philips	2322 711 61109	40-11000-101			
R224	1k Ohm 5% 0,125W	Philips	2322 711 61102	40-31000-101			
R225	22 Ohm 5% 0,125W	Philips	2322 711 61229	40-12200-101			
R226	15 Ohm 5% 0,125W	Philips	2322 711 61159	40-11500-101			
R227	15 Ohm 5% 0,125W	Philips	2322 711 61159	40-11500-101			
R228	15 Ohm 5% 0,125W	Philips	2322 711 61159	40-11500-101			
R229	15 Ohm 5% 0,125W	Philips	2322 711 61159	40-11500-101			
R230	15 Ohm 5% 0,125W	Philips	2322 711 61159	40-11500-101			
R231	15 Ohm 5% 0,125W	Philips	2322 711 61159	40-11500-101			
R232	22 Ohm 5% 0,125W	Philips	2322 711 61229	40-12200-101			
R233	2,2k Ohm 2% 0,125W	Philips	2322 711 41222	40-32200-102			
R234	100k Ohm 2% 0,125W	Philips	2322-711-41104	40-51000-102			
R235	1k Ohm 5% 0,125W	Philips	2322 711 61102	40-31000-101			
R236	270k Ohm 2% 0,125W	Philips	2322 711 41274	40-52700-102			
R237	1k Ohm 5% 0,125W	Philips	2322 711 61102	40-31000-101			
R238	4,7k Ohm 1% 0,125W	Philips	2322 724 64702	40-34700-105			
R239	5,6k Ohm 2% 0,125W	Philips	2322-711-41562	40-35600-102			
R240	Pot,10k Lin MG Trim	S Bourns	3314 J-1-103E	42-41004-000			
R241	5,6k Ohm 2% 0,125W	Philips	2322-711-41562	40-35600-102			
R242	100 Ohm 5% 0,125W	Philips	2322 711 61101	40-21000-101			
R243	39k Ohm 2% 0,125W	Philips	2322-711-41393	40-43900-102			
R244	Pot,100k Lin MG Trim	S Bourns	3314 J-1-104E	42-51060-001			
R245	27k Ohm 5% 0,125W	Philips	2322 711 61273	40-42700-101			
R246	47 Ohm 5% 0,125W	Philips	2322 711 61479	40-14700-101			
R247	47 Ohm 5% 0,125W	Philips	2322 711 61479	40-14700-101			
R248	47 Ohm 5% 0,125W	Philips	2322 711 61479	40-14700-101			
R249	47 Ohm 5% 0,125W	Philips	2322 711 61479	40-14700-101			
R250	330 Ohm 5% 0,125W	Philips	2322 711 61331	40-23300-101			
R251	330 Ohm 5% 0,125W	Philips	2322 711 61331	40-23300-101			
R252	4,7k Ohm 1% 0,125W	Philips	2322 724 64702	40-34700-105			
R253	Pot,10k Lin MG Trim	S Bourns	3314 J-1-103E	42-41004-000			
R254	4,7k Ohm 1% 0,125W	Philips	2322 724 64702	40-34700-105			
R255	470 Ohm 1% 0,125W	Philips	2322 724 64701	40-24700-105			
R256	270k Ohm 2% 0,125W	Philips	2322 711 41274	40-52700-102			
R257	270k Ohm 2% 0,125W	Philips	2322 711 41274	40-52700-102			
R258	4,7k Ohm 1% 0,125W	Philips	2322 724 64702	40-34700-105			
R259	4,7 Ohm 5% 0,125W	Philips	2322 711 61478	40-04700-101			
R260	10k Ohm 1% 0,125W	Philips	2322-724-61003	40-41000-105			
R261	Res, Voltage Dependent	Philips	2322-592-52506	41-22506-592			
R263	2,7k Ohm 2% 0,125W	Philips	2322 712 20272	40-32700-102			
R264	22k Ohm 5% 0,125W	Philips	2322 711 61223	40-42200-101			

T200	Input Txfr	Protran	44-80270	44-80270
T201	Pre-Driver I/P Txfr	Protran	2010	44-80271
T202	Pre-Driver O/P Txfr	Protran	44-80272	44-80272
T203	Driver O/P Txfr	Protran	44-80273	44-80273
T204	Output Txfr			44-80274

V200	Transistor, NPN Si	S	Philips	BFQ17/115	BFQ17
V201	Transistor, NPN Si	S	Philips	BFQ17/115	BFQ17
V202	JFET, N Channel	S	Philips	PMBFT310	MMBFJ310LT1
V203	JFET, N Channel	S	Philips	PMBFT310	MMBFJ310LT1
V204	Transistor, NPN Si	S	Philips	BFQ17/115	BFQ17
V205	Transistor, NPN Si	S	Philips	BFQ17/115	BFQ17
V206	Transistor, PNP Si	S	Philips	BC869/115	BC869
V207	Transistor, NPN Si	S	Philips	BFQ17/115	BFQ17
V208	Transistor, NPN Si	S	Philips	BFQ17/115	BFQ17
V209	Transistor, NPN Si	S	Philips	BFQ17/115	BFQ17
V210	Transistor, NPN Si	S	Philips	BFQ17/115	BFQ17
V211	Transistor, NPN Si	S	Philips	BFQ17/115	BFQ17
V212	Transistor, NPN Si	S	Philips	BFQ17/115	BFQ17
V213	Transistor, PNP Curr Mirror	S	Philips	BCV62B/215	BCV62B
V214	Transistor, NPN Curr Mirror	S	Philips	BCV61B/215	BCV61B
V217	Transistor, PNP Si	S		BC856-215	BC856
V218	Transistor, PNP Si	S		BC856-215	BC856
V219	Transistor, PNP Si	S	Philips	BC869/115	BC869

Branch Plant	AE	Assembly No.	08-05511-001
Issue	8	Title	PA Assy c/w Heatsink
Notional WU	2010	Last CR	27359 13/11/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
V220	Transistor, NPN Si	S Philips	BC847-215	BC848			
1	PCB, PA	IMP	C119-626	07-01799-06	1.00	EA	
3	Cable, CIB	Intertech	08-05483-001 (1215	08-05483-001	1.00	EA	
5	Cable, DC	Cablex	08-05485-001(12154	08-05485-001	1.00	EA	
6	Cable, Ant control	Cablex	08-05486-001 (1215	08-05486-001	1.00	EA	
7	FET, RF Power, HF MRF255 Grade			23-20010	2.00	EA	
8	Screw, M3x6 "TAPTITE 2" P/Po	Thomas Warbrt		31-03006-580	8.00	EA	
9	Screw, M3x8 "TAPTITE 2" P/Po	Ajax Fastener	304 Stainless	31-03008-580	4.00	EA	
12	50 Ohm 80'C PTC Thermist	Philips	2322-660-91008	41-11500-660	1.00	EA	
13	Lug, Solder 3,5mm	Cliford W Lt	G410 Code 330	61-30200-025	4.00	EA	
14	Tubing, Heatshrink 4,8x0,2	Bowthorpe	FP5 BK	71-80502-400	.01	MT	
15	Spacer, Swaged	Routley & W	Various	05-05569	2.00	EA	
16	Stake, Terminal	Autosplice	7-22461-5	61-40300-004	6.00	EA	
	Build Standard, 2010			01-01252	1.00	EA	
	PA & Filter			04-03169	.01	EA	PA & Filter
	Heatsink	Diometrics	05-07059	05-07059	1.00	EA	
	TP, NGT PA Alignment			10-00816	1.00	EA	
	NGT PA Heatsink Assy			11-06036	1.00	EA	

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Branch Plant	AE	Assembly No.	08-05513-001
Issue	7	Title	Handset Assy
Notional WU	2020	Last CR	27355 26/3/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
4	Label, Serial/Barcode			06-02068	1.00	EA	
1	Numeric Keypad, NGT	Tatt Shing	06-02104	06-02104	1.00	EA	
2	NGT Handset Upper & Lower	Inztep	06-02138	06-02138	1.00	EA	
5	Handset PCB			08-05300-001	1.00	EA	
6	Handset Key-matrix PCB			08-05522-001	1.00	EA	
7	Handset PTT Button PCB			08-05523-001	1.00	EA	
8	Handset Power/Emgcy Key PCB			08-05524-001	1.00	EA	
9	Cable, Handset curly cord	Cablex	08-05592-001(12198	08-05592-001	1.00	EA	
10	Screw, 2,5x16 "PT" S/S Pan Po	PSM	WN1412-KB25x16-ST5	31-02516-580	5.00	EA	
11	Power/Emerg Keypad, NGT	Tatt Shing	06-02105	06-02105	1.00	EA	
	Build Standard, 2020			01-01251	1.00	EA	
	Assy Procedure for 08-05513			11-05513	1.00	EA	

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Branch Plant	AE	Assembly No.	08-05514-001
Issue	6	Title	Junction Box Assy
Notional WU	2030	Last CR	27407 7/1/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
3	Label, Serial/Barcode			06-02068	1.00	EA	
20	Heat, Transfer Compound	Electrolube	317-950	HTC1 71-31000-004	.01	EA	
1	Junction Box	Diometrics	05-07066	05-07066	1.00	EA	
2	Junction Box, Base Plate	Diometrics	05-07067	05-07067	1.00	EA	
4	MicroP PCB			08-05317-001	1.00	EA	
5	Audio PCB			08-05986-001	1.00	EA	
6	Loom, CIB	Auto Assy	2030	08-05517-001	2.00	EA	
7	Loom, Handset	Auto Assy	2030	08-05518-001	1.00	EA	
8	Loom, Serial	Auto Assembl	08-05519-001	08-05519-001	1.00	EA	
9	Loom, GPIO	Auto Assy	2030	08-05520-001	1.00	EA	
10	Speaker Filter PCB			08-05724-001	1.00	EA	
11	Bush, Transistor	TO-2 Motorola	B51547F019	30-03801-001	1.00	EA	
12	Washer, Mica (1kV)	TO-2 Philips	020628	30-45002-002	1.00	EA	
13	Screw, M3x6 "TAPTITE 2"	P/Po Thomas Warbrt		31-03006-580	8.00	EA	
17	Washer, Insulating	Stepp Micro Plastic	12SWS1014 Black	32-90000-002	1.00	EA	
18	Screw lock assy, 'D' 5,0mm	Stu ACD	1-024	60-91563-001	4.00	EA	
19	Screw, M3x8 "TAPTITE 2"	P/Po Ajax Fastener	304 Stainless	31-03008-580	1.00	EA	
	Build Standard, 2030			01-01250	1.00	EA	

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Branch Plant	AE	Assembly No.	08-05522-001
Issue	3	Title	Handset Key-matrix PCB
Notional WU	2020	Last CR	27190 5/4/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
	Handset			04-03125	.01	EA	Handset
H101	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
H102	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
H103	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
H104	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
H105	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
H106	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
H107	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
H108	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
J2	Socket, 5way 1row 2mm Fix	Comoss Electr	SP-A05S-001	60-00053-000			
J3	Socket, 5way 1row 2mm Fix	Comoss Electr	SP-A05S-001	60-00053-000			
J4	Socket, 4way 1row 2mm Fix	Comoss Electr	SP-A04S-001	60-00043-000			
J5	Socket, 4way 1row 2mm Fix	Comoss Electr	SP-A04S-001	60-00043-000			
1	PCB, Keypad	IMP	C119-361	07-01784-04	1.00	EA	
	Handset Key-Matrix PCB			11-06076	.01	EA	Handset Key-Matrix

Branch Plant	AE	Assembly No.	08-05523-001
Issue	4	Title	Handset PTT Button PCB
Notional WU	2020	Last CR	27190 5/4/02

<u>Ref.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Manufacturer's P/N</u>	<u>Codan P/N</u>	<u>Qty</u>	<u>UM</u>	<u>Remarks</u>
1	PCB, PTT Switch	IMP	C119-563	07-01795-05	1.00	EA	
2	Button, Push to talk (PTT)	Tatt Shing	06-01961	06-01961	1.00	EA	
3	Loom, PTT Button	Auto Assy	2020	08-05758-001	1.00	EA	
	Handset			04-03125	.01	EA	Handset
	Oven Hi-stab for HC18 Xtal PCB			11-06077	.01	EA	Oven Hi-stab for HC

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Branch Plant	AE	Assembly No.	08-05524-001
Issue	3	Title	Handset Power/Emgcy Key PCB
Notional WU	2020	Last CR	27190 5/4/02

<u>Ref.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Manufacturer's P/N</u>	<u>Codan P/N</u>	<u>Qty</u>	<u>UM</u>	<u>Remarks</u>
	Handset			04-03125	.01	EA	Handset
B201	Insert, Mic electret	Hosiden	KUC2123-030232	65-31510			
H201	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
H202	LED, Red PLCC SMD Non Diffus	Siemens	LHT674-L	65-61110-216			
J1	Socket, 4way 1row 2mm	Fix	Comoss Electr	SP-A04S-001	60-00043-000		
J7	Socket, 4way 1row 2mm	Fix	Comoss Electr	SP-A04S-001	60-00043-000		
1	PCB, Pwr/Emgcy Keypad	IMP	C119-362	07-01796-04	1.00	EA	
	Handset Pwr/Emgcy Key PCB			11-06070	.01	EA	Handset Pwr/Emgcy K

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Branch Plant	AE	Assembly No.	08-05628-000
Issue	5	Title	RF Unit, NGT Common Parts
Notional WU	2010	Last CR	27474 17/2/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
1	Chassis	Diometrics	05-07057	05-07057	1.00	EA	
2	Cover	Diometrics	05-07058	05-07058	2.00	EA	
3	Screen, Audio I/F	x	2010	05-07102	1.00	EA	
4	Screen, Application Processor	x	2010	05-07103	1.00	EA	
5	Screen, Rx/Exciter	x	2010	05-07104	1.00	EA	
6	Card, Voltage Warning	PMP	100A	06-00380	1.00	EA	
7	Gasket, RF Unit	Inztep	2010	06-02015	2.00	EA	
8	Label, Serial/Barcode			06-02068	1.00	EA	
9	Cable, Ribbon, Audio - DSP	Auto Assy	08-05490-001	08-05490-001	1.00	EA	
10	Cable, Rx coax	Auto Assy	2010	08-05491-001	1.00	EA	
11	Cable, Tx coax	Auto Assy	2010	08-05492-001	1.00	EA	
12	PA Assy c/w Heatsink			08-05869-001	1.00	EA	
13	RF/IF PCB			08-05889-001	1.00	EA	
14	Filter & Control PCB			08-05910-001	1.00	EA	
15	Screw, M3x6 "TAPTITE 2" P/Po	Thomas Warbrt		31-03006-580	26.00	EA	
16	Screw, M3x8 "TAPTITE 2" Csk Po	Thomas Warbrt		31-03008-782	4.00	EA	
17	Screw, M3x10 "TAPTITE 2" P/Po	Thomas Warbrt		31-03010-582	14.00	EA	
	Build Standard, 2010			01-01252	.01	EA	Build Standard, 2010
	Customising Reference Booklet			11-90350	.01	EA	Customising Reference

Branch Plant	AE	Assembly No.	08-05628-001
Issue	7	Title	RF Unit, NGT SR
Notional WU	** 2010 SR **	Last CR	27491 07/03/03

<u>Ref.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Manufacturer's P/N</u>	<u>Codan P/N</u>	<u>Qty</u>	<u>UM</u>	<u>Remarks</u>
1	RF Unit, NGT Common Parts			08-05628-000	1.00	EA	
101	Escutcheon, 2010 RF-Unit SR	Entech	2010 SR	06-01929-001	1.00	EA	
102	Label, Serial No. 2010	x	2010	06-01959	1.00	EA	
103	Application Processor PCB			08-05265-001	1.00	EA	
104	Audio I/F PCB			08-05266-001	1.00	EA	
105	Cable, CIB	Intertech	08-05483-001 (1215	08-05483-001	1.00	EA	
	Opt SR			15-10489	.01	EA	Opt SR

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Branch Plant	AE	Assembly No.	08-05628-002
Issue	7	Title	RF Unit, NGT VR
Notional WU	** 2010 VR **	Last CR	27491 07/03/03

<u>Ref.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Manufacturer's P/N</u>	<u>Codan P/N</u>	<u>Qty</u>	<u>UM</u>	<u>Remarks</u>
1	RF Unit, NGT Common Parts			08-05628-000	1.00	EA	
101	Escutcheon, 2010 RF-Unit VR	Entech	2010 OVERLANDER	06-01929-002	1.00	EA	
102	Label, Serial No. 2010	x	2010	06-01959	1.00	EA	
103	Application Processor PCB			08-05265-001	1.00	EA	
104	Audio I/F PCB			08-05266-001	1.00	EA	
105	Cable, CIB	Intertech	08-05483-001 (1215	08-05483-001	1.00	EA	
	Opt VR			15-10490	1.00	EA	

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Branch Plant	AE	Assembly No.	08-05628-003
Issue	7	Title	RF Unit, NGT AR
Notional WU	** 2010 AR **	Last CR	27491 07/03/03

<u>Ref.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Manufacturer's P/N</u>	<u>Codan P/N</u>	<u>Qty</u>	<u>UM</u>	<u>Remarks</u>
1	RF Unit, NGT Common Parts			08-05628-000	1.00	EA	
101	Escutcheon, 2010 RF-Unit AR	Entech	2010 AR	06-01929-003	1.00	EA	
102	Label, Serial No. 2010	x	2010	06-01959	1.00	EA	
103	Application Processor PCB			08-05265-001	1.00	EA	
104	Audio I/F PCB			08-05266-001	1.00	EA	
105	Cable, CIB	Intertech	08-05483-001 (1215	08-05483-001	1.00	EA	
	Opt AR			15-10487	.01	EA	Opt AR

Branch Plant	AE	Assembly No.	08-05628-007
Issue	1	Title	RF Unit, NGT ASR
Notional WU	** 2010 ASR **	Last CR	6/11/03

<u>Ref.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Manufacturer's P/N</u>	<u>Codan P/N</u>	<u>Qty</u>	<u>UM</u>	<u>Remarks</u>
102	Label, Serial No. 2010	x	2010	06-01959	1.00	EA	
101	Escutcheon, 2010 RF-Unit ASR	Entech	06-01929-004	06-01929-004	1.00	EA	
103	Application Processor PCB			08-05265-001	1.00	EA	
104	Audio I/F PCB			08-05266-001	1.00	EA	
105	Cable, CIB	Intertech	08-05483-001 (1215)	08-05483-001	1.00	EA	
	RF Unit, NGT Common Parts			08-05628-000	1.00	EA	
	Opt ASR			15-10517	1.00	EA	

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Branch Plant	AE	Assembly No.	08-05869-001
Issue	5	Title	PA Assy c/w Heatsink
Notional WU		Last CR	27542 30/5/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
	Heat, Transfer Compound	Electrolube	317-950 HTCl	71-31000-004	.01	EA	
5	Label, Serial/Barcode			06-02068	1.00	EA	
C200	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C201	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C202	100u 25V EL C	Philips	2222-035-56101	48-21002-551			
C203	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C204	22p 5% 50V NPO 0805 Ni	Philips	0805CG220J9B200	46-12200-081			
C205	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C206	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C207	39p 5% 50V NPO 0805 Ni	Philips	0805CG390J9B200	46-13900-081			
C208	100u 25V EL C	Philips	2222-035-56101	48-21002-551			
C209	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C210	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C211	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C212	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C213	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C214	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C215	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C216	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C217	330p 5% 50V NPO 0805 Ni	Philips	0805CG331J9B200	46-23300-081			
C218	22p 5% 50V NPO 0805 Ni	Philips	0805CG220J9B200	46-12200-081			
C219	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C220	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C221	470p 5% 500V NPO 1210 Ni	Philips	2222-972-11545	46-24700-082			
C222	470p 5% 500V NPO 1210 Ni	Philips	2222-972-11545	46-24700-082			
C223	470p 5% 500V NPO 1210 Ni	Philips	2222-972-11545	46-24700-082			
C225	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C226	47p 5% 50V NPO 0805 Ni	Philips	0805CG470J9B200	46-14700-080			
C227	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C228	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C229	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C230	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C231	470n 10% 63V PE C	Philips	2222 370 18474	46-54700-521			
C232	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C233	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C234	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C235	22p 5% 500V NPO 1206 Ni	Philips	2238-971-11527	46-12200-082			
C236	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C237	100u 25V EL C	Philips	2222-035-56101	48-21002-551			
C238	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C239	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
D202	Diode, Schottky S	HP	HSMS-2800	BAS70			
D203	Diode, Zener 15V 5% 0,2W SOT	Philips	BZX84C15-215	BZX84C15			
D204	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D205	Diode, 400V 1A S	On-Semiconduc	MRA4007T3	MRA4004T3			
D206	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D207	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D208	Diode, Schottky S	HP	HSMS-2800	BAS70			
IC200	Reg, Voltage +5V 0,1A IC	Motorola	MC78L05ACD	XB-07805-700			
IC201	Amp, Operational Dual IC	Philips	LM358D-653	XA-00358-700			
J200	Socket, Coax Mini Low Prof Fix	Taiko Denki	TMP-J02X-A1	60-19390-002			
K200	Relay, 1C 12V 16A 340 O	EBERLE	042901 62 0100	64-31125-234			
L200	Choke, EMI/EMC 0A DC >10MHZ	Taiyo Yuden	BK 2125 HS 330-T	43-90004			
L201	Choke, EMI/EMC 0A DC >10MHZ	Taiyo Yuden	BK 2125 HS 330-T	43-90004			
L202	Ind, 1uH 10% 3225	TDK	NL322522T-1R0-J (O	43-80100-001			
L203	Ind, 100nH 20% 3225	TDK	NL322522T-R10-J	43-80010-000			
L204	Choke, EMI/EMC 0A DC >10MHZ	Taiyo Yuden	BK 2125 HS 330-T	43-90004			
L205	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L206	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L207	Ind, PA DC feed or/wh/or	Fetronics	44-70457	44-70457			
L208	Choke, EMI/EMC 0A DC >10MHZ	Taiyo Yuden	BK 2125 HS 330-T	43-90004			
P200	Header (P) 16way 2row Boxed SM	Neltron	2316S-MD-16G	60-00160-003			
R200	47 Ohm 5% 0,1W 08			40-14700-111			
R201	47 Ohm 5% 0,1W 08			40-14700-111			
R202	56 Ohm 5% 0,1W 08			40-15600-111			

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Branch Plant	AE	Assembly No.	08-05869-001
Issue	5	Title	PA Assy c/w Heatsink
Notional WU		Last CR	27542 30/5/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R203	330 Ohm 5% 0,1W			40-23300-111			
R204	330 Ohm 5% 0,1W			40-23300-111			
R205	Pot,100 Lin MG Trim	Bourns	3314 J-1-101E	42-21004-000			
R206	27 Ohm 5% 0,1W			40-12700-111			
R207	10 Ohm 5% 0,1W			40-11000-111			
R208	47k Ohm 5% 0,1W			40-44700-111			
R209	3,9k Ohm 5% 0,1W			40-33900-111			
R210	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R211	4,7k Ohm 5% 0,1W			40-34700-111			
R212	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R213	680 Ohm 5% 0,1W			40-26800-111			
R214	680 Ohm 5% 0,1W			40-26800-111			
R215	470 Ohm 5% 0,1W			40-24700-111			
R216	4,7 Ohm 5% 0,1W	Phycomp	2322 734 64708	40-04700-111			
R217	22 Ohm 5% 0,1W		D1202RFCS	40-12200-111			
R218	4,7 Ohm 5% 0,1W	Phycomp	2322 734 64708	40-04700-111			
R219	22 Ohm 5% 0,1W		D1202RFCS	40-12200-111			
R220	4,7k Ohm 5% 0,1W			40-34700-111			
R222	Pot,1k Lin MG Trim	Bourns	3314 J-1-102E	42-31004-000			
R224	2,2k Ohm 5% 0,1W	Philips	2322 730 61222	40-32200-111			
R225	3,9k Ohm 5% 0,1W			40-33900-111			
R226	56 Ohm 5% 0,1W			40-15600-111			
R227	220 Ohm 5% 0,1W			40-22200-111			
R228	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			
R229	150 Ohm 5% 0,125W	Philips	2322 711 61151	40-21500-101			
R230	120 Ohm 5% 0,125W	Philips	2322 711 61121	40-21200-101			
R231	1 Ohm 1% 0,1W	Phycomp	2322 734 61008	40-01000-115			
R232	1 Ohm 1% 0,1W	Phycomp	2322 734 61008	40-01000-115			
R233	1 Ohm 1% 0,1W	Phycomp	2322 734 61008	40-01000-115			
R234	1 Ohm 1% 0,1W	Phycomp	2322 734 61008	40-01000-115			
R235	120 Ohm 5% 0,125W	Philips	2322 711 61121	40-21200-101			
R236	120 Ohm 5% 0,125W	Philips	2322 711 61121	40-21200-101			
R238	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			
R239	Pot,1k Lin MG Trim	Bourns	3314 J-1-102E	42-31004-000			
R240	820 Ohm 5% 0,1W			40-28200-111			
R241	Pot,10k Lin MG Trim	Bourns	3314 J-1-103E	42-41004-000			
R243	330 Ohm 5% 0,1W			40-23300-111			
R244	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			
R245	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R246	820 Ohm 5% 0,1W			40-28200-111			
R247	15 Ohm 5% 0,1W	Vishay	D12015RJBS	40-11500-111			
R248	47 Ohm 5% 0,1W			40-14700-111			
R249	2,2 Ohm 5% 1,0W MELF	IRC	CPH1-100-2R20-J-7	40-02200-135			
R250	2,2 Ohm 5% 1,0W MELF	IRC	CPH1-100-2R20-J-7	40-02200-135			
R251	2,2 Ohm 5% 1,0W MELF	IRC	CPH1-100-2R20-J-7	40-02200-135			
R252	2,2 Ohm 5% 1,0W MELF	IRC	CPH1-100-2R20-J-7	40-02200-135			
R253	470 Ohm 5% 0,1W			40-24700-111			
R254	4,7 Ohm 5% 1,0W MELF	IRC	CHP1-100-4R70-J-7	40-04700-135			
R255	470 Ohm 5% 0,1W			40-24700-111			
R256	180k Ohm 1% 0,1W	Philips	2322 734 61804	40-51800-115			
R258	4,7k Ohm 5% 0,1W			40-34700-111			
R259	4,7 Ohm 5% 0,1W	Phycomp	2322 734 64708	40-04700-111			
R260	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R261	Res, Voltage Dependent	Philips	2322-592-52506	41-22506-592			
R262	50 Ohm 80'C PTC Thermist	Philips	2322-660-91008	41-11500-660			
R263	4,7 Ohm 5% 1,0W MELF	IRC	CHP1-100-4R70-J-7	40-04700-135			
R264	4,7 Ohm 5% 1,0W MELF	IRC	CHP1-100-4R70-J-7	40-04700-135			
R265	4,7 Ohm 5% 1,0W MELF	IRC	CHP1-100-4R70-J-7	40-04700-135			
R266	4,7 Ohm 5% 1,0W MELF	IRC	CHP1-100-4R70-J-7	40-04700-135			
R267	4,7 Ohm 5% 1,0W MELF	IRC	CHP1-100-4R70-J-7	40-04700-135			
R268	4,7 Ohm 5% 1,0W MELF	IRC	CHP1-100-4R70-J-7	40-04700-135			
R269	4,7 Ohm 5% 1,0W MELF	IRC	CHP1-100-4R70-J-7	40-04700-135			
R270	47 Ohm 5% 0,1W			40-14700-111			
R271	68 Ohm 5% 0,1W			40-16800-111			
R272	100 Ohm 5% 0,125W	Philips	2322 711 61101	40-21000-101			
R273	Pot,100 Lin MG Trim	Bourns	3314 J-1-101E	42-21004-000			
R274	220 Ohm 5% 0,1W			40-22200-111			
R275	2,2k Ohm 5% 0,1W	Philips	2322 730 61222	40-32200-111			
R276	Not Fitted			**00000-001			Not Fitted
T200	Transformer, Input	Protran	44-80283	44-80283			
T201	Transformer, Pre-driver I/P	Protran	44-80284	44-80284			
T202	Pre-Driver Transformer	Protran	44-80278	44-80278			
T203	Driver Transformer	Protran	44-80279	44-80279			

Branch Plant	AE	Assembly No.	08-05869-001
Issue	5	Title	PA Assy c/w Heatsink
Notional WU		Last CR	27542 30/5/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
T204	Output Transformer	Protran	44-80277	44-80277			
V200	Transistor, NPN Si	Philips	BFQ17/115	BFQ17			
V201	Transistor, NPN Si	Philips	BFQ17/115	BFQ17			
V202	JFET, N Channel	Philips	PMBFJ309-215	PMBFJ309			
V203	JFET, N Channel	Philips	PMBFJ309-215	PMBFJ309			
V204	Transistor, NPN Si	Philips	BFQ17/115	BFQ17			
V205	Transistor, NPN Si	Philips	BFQ17/115	BFQ17			
V206	Transistor, NPN Si		BC847C-215	BC847			
V207	Transistor, NPN Si	Mitsubishi	2SC1971	2SC1971			
V208	Transistor, NPN Si	Mitsubishi	2SC1971	2SC1971			
V209	Transistor, NPN Si		BC847C-215	BC847			
V210	Transistor, NPN Si		BC847C-215	BC847			
V211	Transistor, RF Power HF	ST Microelect	SD1446-02	MS1253-CDN			
V212	Transistor, RF Power HF	ST Microelect	SD1446-02	MS1253-CDN			
V213	Transistor, Darlington NPN Si		BD675	BD675			
V214	MOSFET, N Channel Enhance	Philips	BSP126	BSP126			
V215	Transistor, PNP Si		BC856-215	BC856			
V216	Transistor, PNP Si		BC856-215	BC856			
V217	Transistor, PNP Si	Philips	BC869/115	BC869			
1	PCB, Power Amplifier	IMP	07-01948-02	07-01948-02	1.00	EA	
2	Rivet, Tinned Brass Chobert 4,	Avdel	01143-00516	33-40340-095	2.00	EA	
3	Stake, Terminal	Autosplice	7-22461-5	61-40300-004	8.00	EA	
4	Heatsink, RF Unit	Diometrics	05-07243	05-07243	1.00	EA	
7	Cable, Ant control	Cablex	08-05486-001 (1215)	08-05486-001	1.00	EA	
8	Cable, PA O/P Coax	Comoss	08-05964-001	08-05964-001	1.00	EA	
9	Cable, Battery	Cablex	08-05969-001	08-05969-001	1.00	EA	
10	Screw, M3x6 "TAPTITE 2" P/Po	Thomas Warbrt		31-03006-580	7.00	EA	
11	Screw, M3x8 "TAPTITE 2" P/Po	Ajax Fastener	304 Stainless	31-03008-580	6.00	EA	
12	Lug, Solder 3,5mm	Cliford W Lt	G410 Code 330	61-30200-025	4.00	EA	
13	Washer, Mica (1kV) TO-2	Philips	020628	30-45002-002	3.00	EA	
14	Bush, Transistor TO-2	Motorola	B51547F019	30-03801-001	2.00	EA	
15	Tubing, Heatshrink 4,8x0,2	Bowthorpe	FP5 BK	71-80502-400	.01	MT	
17	Screw, M3x10 "TAPTITE 2" P/Po	Thomas Warbrt		31-03010-582	1.00	EA	
	Build Standard, 2010			01-01252	1.00	EA	
	PA Filter & Control			04-03369	.01	EA	PA Filter & Control
	Matching Proc for 23-20011			10-00895	.01	EA	Matching Proc for 2
	Assy Proc, NGT PA			11-06068	.01	EA	Assy Proc, NGT PA

Branch Plant **AE** Assembly No. **08-05889-001**
 Issue **8** Title **RF/IF PCB**
 Notional WU Last CR **27619/27665 10/9/03**

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C101	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C102	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C103	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C104	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C105	820p 5% 50V NPO 0805 Ni	Philips	0805CG821J9B200	46-28200-081			
C106	820p 5% 50V NPO 0805 Ni	Philips	0805CG821J9B200	46-28200-081			
C107	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C108	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C109	820p 5% 50V NPO 0805 Ni	Philips	0805CG821J9B200	46-28200-081			
C110	820p 5% 50V NPO 0805 Ni	Philips	0805CG821J9B200	46-28200-081			
C111	10n 10% 100V X7R 0805 Ni	Philips	08052R103K0B200	46-41000-281			
C112	150p 5% 50V NPO 0805 Ni	Philips	2222-861-15151	46-21500-081			
C113	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C114	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C115	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C116	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C117	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C118	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C119	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C120	22p 5% 50V NPO 0805 Ni	Philips	0805CG220J9B200	46-12200-081			
C121	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C122	150p 5% 50V NPO 0805 Ni	Philips	2222-861-15151	46-21500-081			
C123	150p 5% 50V NPO 0805 Ni	Philips	2222-861-15151	46-21500-081			
C124	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C125	Not Fitted			** -00000-001			Not Fitted
C126	Not Fitted			** -00000-001			Not Fitted
C127	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C128	10p 5% 50V NPO 0805 Ni	Philips	0805CG100J9B200	46-11000-081			
C129	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C130	10p 5% 50V NPO 0805 Ni	Philips	0805CG100J9B200	46-11000-081			
C131	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C132	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C133	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C134	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C135	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C136	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C137	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C138	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C139	47p 5% 50V NPO 0805 Ni	Philips	0805CG470J9B200	46-14700-080			
C140	47p 5% 50V NPO 0805 Ni	Philips	0805CG470J9B200	46-14700-080			
C141	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C142	Not Fitted			** -00000-001			Not Fitted
C143	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C144	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C145	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C146	820p 5% 50V NPO 0805 Ni	Philips	0805CG821J9B200	46-28200-081			
C147	820p 5% 50V NPO 0805 Ni	Philips	0805CG821J9B200	46-28200-081			
C148	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C149	68p 5% 50V NPO 0805 Ni	Philips	0805CG680J9B200	46-16800-081			
C150	68p 5% 50V NPO 0805 Ni	Philips	0805CG680J9B200	46-16800-081			
C151	82p 5% 50V NPO 0805 Ni	BC Components	2252-043-41829	46-18200-081			
C152	82p 5% 50V NPO 0805 Ni	BC Components	2252-043-41829	46-18200-081			
C153	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C154	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C155	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C156	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C157	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C158	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C159	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C160	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C161	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C162	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C163	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C164	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C165	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C166	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C167	Not Fitted			** -00000-001			Not Fitted
C201	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C202	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C203	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C204	820p 5% 50V NPO 0805 Ni	Philips	0805CG821J9B200	46-28200-081			
C205	820p 5% 50V NPO 0805 Ni	Philips	0805CG821J9B200	46-28200-081			
C206	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C207	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C208	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C209	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			

Branch Plant **AE** Assembly No. **08-05889-001**
 Issue **8** Title **RF/IF PCB**
 Notional WU Last CR **27619/27665 10/9/03**

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C210	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C211	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C212	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C213	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C214	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C215	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C216	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C217	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C218	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C219	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C222	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C223	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C224	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C225	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C226	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C227	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C228	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C229	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C230	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C231	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C232	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C233	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C234	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C235	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C236	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C237	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C238	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C239	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C240	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C241	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C242	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C243	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C244	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C245	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C246	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C247	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C248	10n 10% 100V X7R 0805 Ni	Philips	08052R103K0B200	46-41000-281			
C249	10n 10% 100V X7R 0805 Ni	Philips	08052R103K0B200	46-41000-281			
C250	10p 5% 50V NPO 0805 Ni	Philips	0805CG100J9B200	46-11000-081			
C251	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C252	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C253	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C254	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C255	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C256	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C257	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C258	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C259	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C260	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C261	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C262	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C263	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C266	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C271	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C272	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C273	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C274	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C275	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C276	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C277	47p 5% 50V NPO 0805 Ni	Philips	0805CG470J9B200	46-14700-080			
C278	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C279	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C401	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C402	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C403	1p 0,25 50V NPO 0805 Ni	AVX	08055A1R0CAT2A	46-01000-082			
C404	4,7p 0,25p 50V NPO 0805 Ni	Philips	2222-861-15478	46-04700-081			
C405	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C406	1p 0,25 50V NPO 0805 Ni	AVX	08055A1R0CAT2A	46-01000-082			
C407	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C408	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C409	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C410	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C411	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C412	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C413	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C414	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			

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Notional WU		Last CR	27619/27665 10/9/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C415	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C416	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C417	10u 20% 35V 7343 TA C	AVX	TAJD106M035RNJ	47-11003-521			
C418	1u 10% 63V PE C	Philips	2222 370 11105	46-61000-521			
C419	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C420	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C421	15p 5% 50V NPO 0805 Ni	Philips	0805CG150J9B200	46-11500-081			
C422	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C423	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C424	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C425	15p 5% 50V NPO 0805 Ni	Philips	0805CG150J9B200	46-11500-081			
C426	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C427	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C428	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C429	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C430	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C431	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C432	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C433	22p 5% 50V NPO 0805 Ni	Philips	0805CG220J9B200	46-12200-081			
C434	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C435	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C436	10u 20% 35V 7343 TA C	AVX	TAJD106M035RNJ	47-11003-521			
C437	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C438	10u 20% 35V 7343 TA C	AVX	TAJD106M035RNJ	47-11003-521			
C439	10u 20% 35V 7343 TA C	AVX	TAJD106M035RNJ	47-11003-521			
C440	10u 20% 35V 7343 TA C	AVX	TAJD106M035RNJ	47-11003-521			
C441	10u 20% 35V 7343 TA C	AVX	TAJD106M035RNJ	47-11003-521			
C442	10u 20% 35V 7343 TA C	AVX	TAJD106M035RNJ	47-11003-521			
C443	10n 10% 100V X7R 0805 Ni	Philips	08052R103K0B200	46-41000-281			
C444	180p 5% 50V NPO 0805 Ni	Philips	0805CG181J9B200	46-21800-081			
C445	220p 5% 50V NPO 0805 Ni	Philips	0805CG221J9BB	46-22200-081			
C446	10n 10% 100V X7R 0805 Ni	Philips	08052R103K0B200	46-41000-281			
C447	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C448	10n 10% 100V X7R 0805 Ni	Philips	08052R103K0B200	46-41000-281			
C449	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C450	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C451	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C452	15p 5% 50V NPO 0805 Ni	Philips	0805CG150J9B200	46-11500-081			
C453	330p 5% 50V NPO 0805 Ni	Philips	0805CG331J9B200	46-23300-081			
C454	330p 5% 50V NPO 0805 Ni	Philips	0805CG331J9B200	46-23300-081			
C455	12p 5% 50V NPO 0805 Ni	Philips	0805CG120J9B200	46-11200-081			
C456	5,6p 0,25p 50V NPO 0805 Ni	Philips	0805CG569C9B200	46-05600-081			
C457	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C458	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C459	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C460	10n 10% 100V X7R 0805 Ni	Philips	08052R103K0B200	46-41000-281			
C461	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C462	10n 10% 100V X7R 0805 Ni	Philips	08052R103K0B200	46-41000-281			
C463	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C464	1,8n 5% 50V NPO 0805 Ni	Phycomp	2238-861-15182	46-31800-080			
C465	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			
C466	150p 5% 50V NPO 0805 Ni	Philips	2222-861-15151	46-21500-081			
C467	150p 5% 50V NPO 0805 Ni	Philips	2222-861-15151	46-21500-081			
C468	150p 5% 50V NPO 0805 Ni	Philips	2222-861-15151	46-21500-081			
C469	150p 5% 50V NPO 0805 Ni	Philips	2222-861-15151	46-21500-081			
C470	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C471	47p 5% 50V NPO 0805 Ni	Philips	0805CG470J9B200	46-14700-080			
C472	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C473	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C474	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C475	22p 5% 50V NPO 0805 Ni	Philips	0805CG220J9B200	46-12200-081			
C476	1n 5% 50V NPO 0805 Ni	Philips	0805CG102J9BB-	46-31000-082			

D101	Diode, Band Switch Si	S	Philips	BA242AL		BA423L	
D102	Diode, Si High speed 75V	S	Philips	BAS16/215		BAS16	
D103	Diode, Si High speed 75V	S	Philips	BAS16/215		BAS16	
D104	Diode, Pin atten, dual com K	S	Agilent	HSMP-3814-TR1		HSMP-3814	
D201	Diode, Si High speed 75V	S	Philips	BAS16/215		BAS16	
D205	Diode, Si High speed 75V	S	Philips	BAS16/215		BAS16	
D206	Diode, Schottky	S	HP	HSMS-2800		BAS70	
D207	Diode, Si High speed 75V	S	Philips	BAS16/215		BAS16	
D208	Diode, Si High speed 75V	S	Philips	BAS16/215		BAS16	
D209	Diode, Si High speed 75V	S	Philips	BAS16/215		BAS16	
D210	Diode, Si High speed 75V	S	Philips	BAS16/215		BAS16	
D212	Diode, Si High speed 75V	S	Philips	BAS16/215		BAS16	
D401	Diode, Tuner Si	S	Infineon	BB639CE7904		BB639	

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Ref.	Description		Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
D402	Diode, Tuner Si	S	Infineon	BB639CE7904	BB639			
D403	Diode, Tuner Si	S	Infineon	BB639CE7904	BB639			
D404	Diode, Tuner Si	S	Infineon	BB639CE7904	BB639			
D405	Diode, Schottky	S	HP	HSMS-2800	BAS70			
D406	Diode, Si High speed 75V	S	Philips	BAS16/215	BAS16			
D407	Diode, Si High speed 75V	S	Philips	BAS16/215	BAS16			
D408	Diode, Si High speed 75V	S	Philips	BAS16/215	BAS16			
D409	Diode, Si High speed 75V	S	Philips	BAS16/215	BAS16			
D410	Diode, Si High speed 75V	S	Philips	BAS16/215	BAS16			
IC101	Mixer, High level		Philips	OM1899PH1	23-30012			
IC102	Mixer, High level		Philips	OM1899PH1	23-30012			
IC103	Mixer, High level		Philips	OM1899PH1	23-30012			
IC201	Array, Transistor	SOIC14	Intersil	CA3054M96	XT-03054-700			
IC202	Gate, NAND 2 Input Quad		Philips	HEF4011BT	YG-40011-700			
IC203	Array, Transistor		Intersil	CA3046M96	XT-03346-700			
IC204	Modulator, Balanced		Motorola	MC1496DR2	XA-01496-700			
IC205	Amp, Operational Dual	IC	Philips	LM358D-653	XA-00358-700			
IC206	Diode, Ref 2,5V 2%	IC	National	LM336M-2,5	XB-00336-700			
IC207	Array, Transistor		Intersil	CA3046M96	XT-03346-700			
IC208	Modulator, Balanced		Motorola	MC1496DR2	XA-01496-700			
IC209	Amp, Operational Dual	IC	Philips	LM358D-653	XA-00358-700			
IC210	Reg, Voltage +5V 1A SMD	IC	On-Semiconduc	MC7805CD2T	XB-07805-701			
IC211	Amp, Rail to Rail I/O SOT23-5		National	LMC7101BIM5X	XA-07101-700			
IC401	Synthesiser, Freq SMD	IC	Motorola	MC145170D2R2	MC145170D1			
IC402	Buffer, Hex Inverting Schmitt		Philips	HEF40106BT	YG-40106-700			
IC403	Direct Digital Synthesiser		Analog Device	AD9832BRU-REEL7	YL-09832-700			
IC404	Inverter, Single Unbuffered		Toshiba	TC7SHU04F	YZ-74004-700			
IC405	Direct Digital Synthesiser		Analog Device	AD9832BRU-REEL7	YL-09832-700			
IC406	Inverter, Single Unbuffered		Toshiba	TC7SHU04F	YZ-74004-700			
IC407	Flip Flop, D Dual		On-Semiconduc	MC74HC74ADR2	YH-74074-700			
IC408	Micro prgmd, RFU RF/IF I/O				90-20612-001			
J1	Socket, Coax Mini Low Prof Fix		Taiko Denki	TMP-J02X-A1	60-19390-002			
J2	Socket, Coax Mini Low Prof Fix		Taiko Denki	TMP-J02X-A1	60-19390-002			
K101	Relay, 2C 12V 2A SMD	1028 O	Matsushita	TQ2SL-12V	64-21225-310			
L101	Ind, 4,7uH 10%	4532	Bourns	CM453232-4R7K	43-80470-000			
L102	Ind, 10uH 10%	3225	TDK	NL322522T-100J	43-81100-001			
L103	Ind, 100uH 10%	4532	Bourns	CM453232-101K	43-82100-134			
L104	Ind, 100uH 10%	4532	Bourns	CM453232-101K	43-82100-134			
L105	Ind, 220nH 20%	4532	Bourns	CM453232-R22M	43-80022-000			
L106	Ind		Koilkraft	KS2080NC	44-70490			
L107	Ind, 470nH 20%	4532	Bourns	CM453232-R47M	43-80047-001			
L108	Ind, 220nH 20%	4532	Bourns	CM453232-R22M	43-80022-000			
L109	Ind, 4,7uH 10%	4532	Bourns	CM453232-4R7K	43-80470-000			
L110	Ind, 45MHz roofing filter		Sumida		44-70452			
L111	Ind, 45MHz roofing filter		Sumida		44-70452			
L112	Ind, 4,7uH 10%	4532	Bourns	CM453232-4R7K	43-80470-000			
L113	Ind, 330nH 20%	4532	Bourns	CM453232-R33M	43-80033-000			
L114	Ind		Koilkraft	KS2080NC	44-70490			
L115	Ind, 390nH 20%	4532	Bourns	CM453232-R39M	43-80039-001			
L116	Ind, 100uH 10%	4532	Bourns	CM453232-101K	43-82100-134			
L117	Ind, 45MHz roofing filter		Sumida		44-70452			
L118	Ind, 4,7uH 10%	4532	Bourns	CM453232-4R7K	43-80470-000			
L119	Ind, 100nH 20%	3225	TDK	NL322522T-R10-J	43-80010-000			
L201	Ind, 1mH 10%	1812	Coilcraft	1812LS-105XKBC	43-83100-000			
L202	Ind, 1mH 10%	1812	Coilcraft	1812LS-105XKBC	43-83100-000			
L203	Ind, 1mH 10%	1812	Coilcraft	1812LS-105XKBC	43-83100-000			
L204	Ind, 1mH 10%	1812	Coilcraft	1812LS-105XKBC	43-83100-000			
L205	Choke, EMI/EMC 0A DC >1MHz		Taiyo Yuden	FBM4516 HS111-T	43-90003			
L206	Choke, EMI/EMC 0A DC >1MHz		Taiyo Yuden	FBM4516 HS111-T	43-90003			
L207	Choke, EMI/EMC 0A DC >1MHz		Taiyo Yuden	FBM4516 HS111-T	43-90003			
L401	Ind, 10uH 10%	3225	TDK	NL322522T-100J	43-81100-001			
L402	Ind, Common Mode 1.5A		Taiyo Yuden	CM05RA06	43-80000			
L403	Ind, VCO		Protran	44-70488	44-70488			
L404	Ind, 10uH 10%	3225	TDK	NL322522T-100J	43-81100-001			
L405	Ind, Common Mode 1.5A		Taiyo Yuden	CM05RA06	43-80000			
L406	Ind, Common Mode 1.5A		Taiyo Yuden	CM05RA06	43-80000			
L407	Ind, 100uH 10%	4532	Bourns	CM453232-101K	43-82100-134			
L409	Ind		Koilkraft	KS2081N	44-70492			
L410	Ind		Koilkraft	KS2081N	44-70492			
L411	Ind, 100uH 10%	4532	Bourns	CM453232-101K	43-82100-134			
L412	Ind, 10uH 5%	3225	TDK	NL322522T-100J	43-81100-003			
L413	Choke, EMI/EMC 0A DC >1MHz		Taiyo Yuden	FBM4516 HS111-T	43-90003			

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Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
L414	Ind, 680nH 5%	3225 TDK	NL322522T-R68J	43-80068-001			
L415	Ind, 180nH 5%	3225 TDK	NL322522T-R18J	43-80018-001			
L416	Ind, 680nH 5%	3225 TDK	NL322522T-R68J	43-80068-001			
L417	Ind, 47uH 5%	3225 TDK	NL322522T-470J	43-81470-001			
P1	Header (P) 16 way 2 row Boxed	Thomas & Bett	609-1627	60-00160-000			
P201	Header (P) 4way 1row	Berg	78511-404	60-00041-100			
R101	4,7k Ohm 5% 0,1W			40-34700-111			
R102	4,7k Ohm 5% 0,1W			40-34700-111			
R103	3,3k Ohm 5% 0,1W			40-33300-111			
R104	8,2k Ohm 5% 0,1W	Philips	2322 730 61822	40-38200-111			
R105	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			
R106	68 Ohm 5% 0,1W		D12068RFCS	40-16800-111			
R107	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			
R108	220 Ohm 5% 0,1W			40-22200-111			
R109	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R110	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			
R111	150 Ohm 5% 0,1W			40-21500-111			
R112	150 Ohm 5% 0,1W			40-21500-111			
R113	180 Ohm 5% 0,1W			40-21800-111			
R114	22 Ohm 5% 0,1W		D1202RFCS	40-12200-111			
R115	22 Ohm 5% 0,1W		D1202RFCS	40-12200-111			
R116	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			
R117	220 Ohm 5% 0,1W			40-22200-111			
R118	68k Ohm 5% 0,1W	Vishay	D12068KJBS	40-46800-111			
R119	82k Ohm 5% 0,1W			40-48200-111			
R120	82k Ohm 5% 0,1W			40-48200-111			
R121	3,9k Ohm 5% 0,1W			40-33900-111			
R122	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			
R123	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			
R124	82k Ohm 5% 0,1W			40-48200-111			
R125	330 Ohm 5% 0,1W			40-23300-111			
R126	150 Ohm 5% 0,1W			40-21500-111			
R127	3,9k Ohm 5% 0,1W			40-33900-111			
R128	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R129	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			
R130	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			
R131	270 Ohm 5% 0,1W			40-22700-111			
R132	220 Ohm 5% 0,1W			40-22200-111			
R133	180 Ohm 5% 0,1W			40-21800-111			
R134	150 Ohm 5% 0,1W			40-21500-111			
R135	180 Ohm 5% 0,1W			40-21800-111			
R136	180 Ohm 5% 0,1W			40-21800-111			
R137	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R138	Pot,100k Lin MG Trim	S Bourns	3314 J-1-104E	42-51060-001			
R139	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R140	10 Ohm 5% 0,06W	Philips	2322 702 60109	40-11000-121			
R141	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			
R142	220 Ohm 5% 0,1W			40-22200-111			
R143	270 Ohm 5% 0,1W			40-22700-111			
R144	470 Ohm 5% 0,1W			40-24700-111			
R145	470 Ohm 5% 0,1W			40-24700-111			
R146	470 Ohm 5% 0,1W			40-24700-111			
R201	5,6k Ohm 5% 0,1W			40-35600-111			
R202	3,9k Ohm 5% 0,1W			40-33900-111			
R203	22k Ohm 5% 0,1W	Vishay	D12022KJBS	40-42200-111			
R204	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R205	100k Ohm 5% 0,1W	Vishay	D12100KJBS	40-51000-111			
R206	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			
R207	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			
R208	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R209	47k Ohm 5% 0,1W			40-44700-111			
R210	22k Ohm 5% 0,1W	Vishay	D12022KJBS	40-42200-111			
R211	100k Ohm 5% 0,1W	Vishay	D12100KJBS	40-51000-111			
R212	22k Ohm 5% 0,1W	Vishay	D12022KJBS	40-42200-111			
R213	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			
R214	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			
R215	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			
R216	10 Ohm 5% 0,06W	Philips	2322 702 60109	40-11000-121			
R217	Pot,10k Lin MG Trim	S Bourns	3314 J-1-103E	42-41004-000			
R218	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			
R219	1M Ohm 5% 0,1W			40-61000-111			
R220	68k Ohm 5% 0,1W	Vishay	D12068KJBS	40-46800-111			
R221	100k Ohm 5% 0,1W	Vishay	D12100KJBS	40-51000-111			
R222	0 Ohm Jumper	Philips	2322 730 91002	40-00001-111			

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Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R223	0 Ohm Jumper	Philips	2322 730 91002	40-00001-111			08
R224	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			08
R225	3,3k Ohm 5% 0,1W			40-33300-111			08
R226	3,3k Ohm 5% 0,1W			40-33300-111			08
R227	3,3k Ohm 5% 0,1W			40-33300-111			08
R228	4,7k Ohm 5% 0,1W			40-34700-111			08
R229	2,2k Ohm 5% 0,1W	Philips	2322 730 61222	40-32200-111			08
R230	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			08
R231	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			08
R232	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			08
R233	6,8k Ohm 5% 0,1W	05	2322 730 61682	40-36800-111			08
R234	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			08
R235	47k Ohm 5% 0,1W			40-44700-111			08
R236	5,6k Ohm 5% 0,1W			40-35600-111			08
R237	2,2k Ohm 5% 0,1W	Philips	2322 730 61222	40-32200-111			08
R238	150 Ohm 5% 0,1W			40-21500-111			08
R239	22k Ohm 5% 0,1W	Vishay	D12022KJBS	40-42200-111			08
R240	2,2k Ohm 5% 0,1W	Philips	2322 730 61222	40-32200-111			08
R241	1M Ohm 5% 0,1W			40-61000-111			08
R242	220 Ohm 5% 0,1W			40-22200-111			08
R243	3,3k Ohm 5% 0,1W			40-33300-111			08
R244	220 Ohm 5% 0,1W			40-22200-111			08
R245	3,3k Ohm 5% 0,1W			40-33300-111			08
R246	220 Ohm 5% 0,1W			40-22200-111			08
R247	33k Ohm 5% 0,1W	Philips	2322 730 61333	40-43300-111			08
R248	6,8k Ohm 5% 0,1W	05	2322 730 61682	40-36800-111			08
R249	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			08
R250	330 Ohm 5% 0,1W			40-23300-111			08
R252	680 Ohm 10% NTC Thermist	Philips	2322 640 63681	41-02684-642			08
R253	470 Ohm 5% 0,1W			40-24700-111			08
R254	5,6k Ohm 5% 0,1W			40-35600-111			08
R255	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			08
R256	Pot,10k Lin MG Trim	Bourns	3314 J-1-103E	42-41004-000			S
R257	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			08
R258	8,2k Ohm 5% 0,1W	Philips	2322 730 61822	40-38200-111			08
R259	3,3k Ohm 5% 0,1W			40-33300-111			08
R260	10 Ohm 5% 0,06W	Philips	2322 702 60109	40-11000-121			06
R261	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			08
R262	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			08
R263	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			08
R264	82k Ohm 5% 0,1W			40-48200-111			08
R265	10 Ohm 5% 0,1W			40-11000-111			08
R266	100k Ohm 5% 0,1W	Vishay	D12100KJBS	40-51000-111			08
R267	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			08
R268	100k Ohm 5% 0,1W	Vishay	D12100KJBS	40-51000-111			08
R269	100k Ohm 5% 0,1W	Vishay	D12100KJBS	40-51000-111			08
R270	4,7k Ohm 5% 0,1W			40-34700-111			08
R271	3,3k Ohm 5% 0,1W			40-33300-111			08
R272	22k Ohm 5% 0,1W	Vishay	D12022KJBS	40-42200-111			08
R273	18k Ohm 5% 0,1W			40-41800-111			08
R274	18k Ohm 5% 0,1W			40-41800-111			08
R275	0 Ohm Jumper	Philips	2322 730 91002	40-00001-111			08
R276	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			08
R277	1k Ohm 5% 0,1W	Philips	2322 730 61102	40-31000-111			08
R278	0 Ohm Jumper	Philips	2322 730 91002	40-00001-111			08
R279	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			08
R280	220k Ohm 5% 0,1W			40-52200-111			08
R281	22k Ohm 5% 0,1W	Vishay	D12022KJBS	40-42200-111			08
R282	100k Ohm 5% 0,1W	Vishay	D12100KJBS	40-51000-111			08
R283	1M Ohm 5% 0,1W			40-61000-111			08
R284	100k Ohm 5% 0,1W	Vishay	D12100KJBS	40-51000-111			08
R285	47k Ohm 5% 0,1W			40-44700-111			08
R286	1M Ohm 5% 0,1W			40-61000-111			08
R287	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			08
R288	100k Ohm 5% 0,1W	Vishay	D12100KJBS	40-51000-111			08
R289	8,2k Ohm 5% 0,1W	Philips	2322 730 61822	40-38200-111			08
R290	18k Ohm 5% 0,1W			40-41800-111			08
R291	1,2k Ohm 5% 0,1W			40-31200-111			08
R292	1,8k Ohm 5% 0,1W			40-31800-111			08
R293	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			08
R294	18k Ohm 5% 0,1W			40-41800-111			08
R295	100k Ohm 5% 0,1W	Vishay	D12100KJBS	40-51000-111			08
R296	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			08
R297	10k Ohm 5% 0,1W	Philips	2322-730-61103	40-41000-111			08
R298	4,7k Ohm 5% 0,1W			40-34700-111			08
R299	100 Ohm 5% 0,1W	Philips	2322 730 61101	40-21000-111			08

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Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R300	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R301	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R302	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R303	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R304	1M Ohm 5% 0,1W	08		40-61000-111			
R305	2,2k Ohm 5% 0,1W	08 Philips	2322 730 61222	40-32200-111			
R306	3,3k Ohm 5% 0,1W	08		40-33300-111			
R307	560 Ohm 5% 0,1W	08		40-25600-111			
R308	3,3k Ohm 5% 0,1W	08		40-33300-111			
R309	3,9k Ohm 5% 0,1W	08		40-33900-111			
R310	6,8k Ohm 5% 0,1W	08 05	2322 730 61682	40-36800-111			
R311	470 Ohm 5% 0,1W	08		40-24700-111			
R312	1k Ohm 5% 0,1W	08 Philips	2322 730 61102	40-31000-111			
R313	560k Ohm 5% 0,1W	08	D12560KFCS	40-55600-111			
R401	220 Ohm 5% 0,1W	08		40-22200-111			
R402	1M Ohm 5% 0,1W	08		40-61000-111			
R403	22k Ohm 5% 0,1W	08 Vishay	D12022KJBS	40-42200-111			
R404	470 Ohm 5% 0,1W	08		40-24700-111			
R405	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R406	22k Ohm 5% 0,1W	08 Vishay	D12022KJBS	40-42200-111			
R407	470 Ohm 5% 0,1W	08		40-24700-111			
R408	2,2k Ohm 5% 0,1W	08 Philips	2322 730 61222	40-32200-111			
R409	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R410	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R411	10 Ohm 5% 0,06W	06 Philips	2322 702 60109	40-11000-121			
R412	470 Ohm 5% 0,1W	08		40-24700-111			
R413	10 Ohm 5% 0,06W	06 Philips	2322 702 60109	40-11000-121			
R414	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R415	10 Ohm 5% 0,06W	06 Philips	2322 702 60109	40-11000-121			
R416	10 Ohm 5% 0,06W	06 Philips	2322 702 60109	40-11000-121			
R417	330 Ohm 5% 0,1W	08		40-23300-111			
R418	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R419	470 Ohm 5% 0,1W	08		40-24700-111			
R420	820 Ohm 5% 0,1W	08		40-28200-111			
R421	1k Ohm 5% 0,1W	08 Philips	2322 730 61102	40-31000-111			
R422	470 Ohm 5% 0,1W	08		40-24700-111			
R423	390 Ohm 5% 0,1W	08		40-23900-111			
R424	390 Ohm 5% 0,1W	08		40-23900-111			
R425	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R426	3,9k Ohm 5% 0,1W	08		40-33900-111			
R427	3,9k Ohm 5% 0,1W	08		40-33900-111			
R428	5,6k Ohm 5% 0,1W	08		40-35600-111			
R429	3,9k Ohm 5% 0,1W	08		40-33900-111			
R430	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R431	4,7k Ohm 5% 0,1W	08		40-34700-111			
R432	6,8k Ohm 5% 0,1W	08 05	2322 730 61682	40-36800-111			
R433	4,7k Ohm 5% 0,1W	08		40-34700-111			
R434	1M Ohm 5% 0,1W	08		40-61000-111			
R435	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R436	330 Ohm 5% 0,1W	08		40-23300-111			
R437	220 Ohm 5% 0,1W	08		40-22200-111			
R438	4,7k Ohm 5% 0,1W	08		40-34700-111			
R439	18k Ohm 5% 0,1W	08		40-41800-111			
R440	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R441	10 Ohm 5% 0,06W	06 Philips	2322 702 60109	40-11000-121			
R442	100k Ohm 5% 0,1W	08 Vishay	D12100KJBS	40-51000-111			
R443	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R444	330 Ohm 5% 0,1W	08		40-23300-111			
R445	22 Ohm 5% 0,1W	08	D1202RFCS	40-12200-111			
R446	3,9k Ohm 5% 0,1W	08		40-33900-111			
R447	22 Ohm 5% 0,1W	08	D1202RFCS	40-12200-111			
R448	Not Fitted			**--00000-001			Not Fitted
R449	56 Ohm 5% 0,1W	08		40-15600-111			
R450	4,7k Ohm 5% 0,1W	08		40-34700-111			
R451	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R452	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R453	1k Ohm 5% 0,1W	08 Philips	2322 730 61102	40-31000-111			
R454	22 Ohm 5% 0,1W	08	D1202RFCS	40-12200-111			
R455	22 Ohm 5% 0,1W	08	D1202RFCS	40-12200-111			
R456	3,9k Ohm 5% 0,1W	08		40-33900-111			
R458	330 Ohm 5% 0,1W	08		40-23300-111			
R459	10 Ohm 5% 0,06W	06 Philips	2322 702 60109	40-11000-121			
R460	10 Ohm 5% 0,06W	06 Philips	2322 702 60109	40-11000-121			
R461	10 Ohm 5% 0,06W	06 Philips	2322 702 60109	40-11000-121			
R462	10 Ohm 5% 0,06W	06 Philips	2322 702 60109	40-11000-121			
R463	1M Ohm 5% 0,1W	08		40-61000-111			

Branch Plant	AE	Assembly No.	08-05889-001
Issue	8	Title	RF/IF PCB
Notional WU		Last CR	27619/27665 10/9/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R464	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R465	470 Ohm 5% 0,1W	08		40-24700-111			
R466	100 Ohm 5% 0,1W	08 Philips	2322 730 61101	40-21000-111			
R467	470 Ohm 5% 0,1W	08		40-24700-111			
R468	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R469	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R470	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R471	100k Ohm 5% 0,1W	08 Vishay	D12100KJBS	40-51000-111			
R472	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R473	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R474	5,6k Ohm 5% 0,1W	08		40-35600-111			
R475	3,3k Ohm 5% 0,1W	08		40-33300-111			
R476	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R477	47k Ohm 5% 0,1W	08		40-44700-111			
R478	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R479	3,3k Ohm 5% 0,1W	08		40-33300-111			
R480	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
R481	47k Ohm 5% 0,1W	08		40-44700-111			
R482	1k Ohm 5% 0,1W	08 Philips	2322 730 61102	40-31000-111			
R483	1k Ohm 5% 0,1W	08 Philips	2322 730 61102	40-31000-111			
R484	10k Ohm 5% 0,1W	08 Philips	2322-730-61103	40-41000-111			
T101	Txfr, RF Amp	Protran	44-80263	44-80263			
T102	Txfr, Mixer 1 Input	Protran	44-80261	44-80261			
T103	Ind, Mixer 1 L.O. Buffer	Sumida	SP-011-335	44-70491			
T104	45MHz Roofing Filter Txfr	Sumida	9323/9360/9105/201	44-70493			
T105	Txfr, Mixer 2 Input	KoilKraft	KS2079NC	44-70486			
T106	Txfr, Mixer 2 Tx Output	Protran	44-80260	44-80260			
T107	Txfr, 45MHz roofing filtr	Sumida		44-70451			
T108	Txfr, 45MHz roofing filtr	Sumida		44-70451			
T201	Ind, Buffer Output	KoilKraft	7M1A1494N	44-70487			
T202	Ind, Buffer Output	KoilKraft	7M1A1494N	44-70487			
T401	Balun	Protran	44-80262	44-80262			
V101	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V102	Transistor, NPN Si	S Philips	BC847-215	BC848			
V103	JFET, Selected J310 01-01031	Avnet	PST00-3289	PST00-3289			
V104	JFET, Selected J310 01-01031	Avnet	PST00-3289	PST00-3289			
V105	JFET, Selected J310 01-01031	Avnet	PST00-3289	PST00-3289			
V106	JFET, Selected J310 01-01031	Avnet	PST00-3289	PST00-3289			
V107	Transistor, PNP Si	S Philips	BFT92	BFT92			
V108	Transistor, PNP Si	S Philips	BFT92	BFT92			
V109	MOSFET, N Channel Dual Gate	S Philips	BF991	BF991			
V201	Transistor, PNP Si	S Adilam	BC857/215	BC858			
V202	Transistor, NPN Si	S Philips	BC847-215	BC848			
V203	Transistor, NPN Si	S Philips	BC847-215	BC848			
V204	MOSFET, N Channel Enhance	S Philips	BSS83	BSS83			
V205	MOSFET, N Channel Enhance	S Philips	BSS83	BSS83			
V206	Transistor, NPN Si	S Philips	BC847-215	BC848			
V207	Transistor, NPN Si	S Philips	BC847-215	BC848			
V208	Transistor, PNP Si	S Adilam	BC857/215	BC858			
V209	Transistor, PNP Si	S Adilam	BC857/215	BC858			
V210	JFET, N Channel	S Philips	BF545B	BF545B			
V211	JFET, N Channel	S Philips	BF545B	BF545B			
V212	JFET, N Channel	S Philips	BF545B	BF545B			
V213	Transistor, PNP Si	S Philips	BFT92	BFT92			
V214	Transistor, NPN Si	S Philips	BC847-215	BC848			
V215	Transistor, NPN Si	S Philips	BC847-215	BC848			
V216	Transistor, NPN Si	S Philips	BC847-215	BC848			
V217	Transistor, NPN Si	S Philips	BC847-215	BC848			
V218	Diode, Zener 6,8V 5% 0,2W	SOT Philips	BZX84C6V8-215	BZX84C6V8			
V219	Transistor, NPN Si	S Philips	BC847-215	BC848			
V220	Transistor, NPN Si	S Philips	BC847-215	BC848			
V221	Diode, Zener 3,3V 5% 0,2W	SOT Philips	BZX84C3V3-215	BZX84C3V3			
V401	JFET, N Channel	S Philips	BF556B	BF556B			
V402	Transistor, NPN Si	S Philips	BFR92A -215	BFR92A			
V403	Transistor, NPN Si	S Philips	BFR92A -215	BFR92A			
V404	Transistor, NPN Si	S Philips	BC846-215	BC846			
V405	Transistor, NPN Si	S Philips	BFR92A -215	BFR92A			
V406	Transistor, PNP Si	S Philips	BC856-215	BC856			
V407	Transistor, NPN Si	S Philips	BC846-215	BC846			
V408	Transistor, PNP Si	S Philips	BFT92	BFT92			
V409	Transistor, NPN Si	S Philips	BC846-215	BC846			
V410	Transistor, NPN Si	S Philips	BC846-215	BC846			
V411	Transistor, NPN Si	S Philips	BFR92A -215	BFR92A			
V412	Transistor, NPN Si	S Philips	BFR92A -215	BFR92A			

Branch Plant	AE	Assembly No.	08-05889-001
Issue	8	Title	RF/IF PCB
Notional WU		Last CR	27619/27665 10/9/03

Ref.	Description		Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
V413	Transistor, NPN Si	S	Philips	BC847-215	BC848			
V414	Transistor, PNP Si	S	Adilam	BC857/215	BC858			
V415	Transistor, PNP Si	S	Philips	BC869/115	BC869			
V416	Transistor, NPN Si	S	Philips	BC847-215	BC848			
V417	Transistor, PNP Si	S	Philips	BC869/115	BC869			
V418	Transistor, NPN Si	S	Philips	BC847-215	BC848			
Z101	Composite Item				** -00000-003			Refer to item 10
Z102	Composite Item				** -00000-003			Refer to item 10
Z103	Composite Item				** -00000-003			Refer to item 10
Z104	Composite Item				** -00000-003			Refer to item 10
Z201	Filter, 455 kHz	2,4 kHz	Murata	CFJ455K14	65-91116-000			
1	PCB, IF/RF		Victory	07-01961-05	07-01961-05	1.00	EA	
2	Screen, VCO1 & Mixer		Metalcraft	05-06518	05-06518	1.00	EA	
3	Screen, VCO		Metalcraft	05-07079	05-07079	1.00	EA	
4	Screen, DDS		Metalcraft	05-07080	05-07080	1.00	EA	
5	Insulator, Oven		Rmax	SCODAN	06-02045	1.00	EA	
6	Jumper (S) 2way Open Top		Philips	2422-024-88003	60-90410-001	1.00	EA	
7	Label, Serial/Barcode				06-02068	1.00	EA	
8	Crystal Oven Assembly				08-05963-001	1.00	EA	
9	Cable, Ribbon, Audio - RF		Auto Assy	2010	08-05489-001	1.00	EA	
10	Filter, 45- MHz 4Pole	15 kHz	Uniden	UMF-7241	65-91115-000	2.00	PR	
	Build Standard, 2010				01-01252	.01	EA	Build Standard, 20
	RF/IF				04-03378	.01	EA	RF/IF

Codan Bill of Materials Report

Branch Plant	AE	Assembly No.	08-05910-001
Issue	3	Title	Filter & Control PCB
Notional WU		Last CR	27542 30/5/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
2	Label, Serial/Barcode			06-02068	1.00	EA	
B1	Temp Sensor 10mV/degree C	S National	LM50BIM3X	LM50CIM3X			
C1	3,3n 10% 100V X7R 0805 Ni	Philips	08052R332K0B200	46-33300-281			
C2	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C3	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C4	39p 5% 500V NPO 1206 Ni	Philips	2238-971-11531	46-13900-082			
C5	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C6	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C7	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C8	100p 5% 500V NPO 1210 Ni	Philips	2222-972-11536	46-21000-082			
C9	100p 5% 500V NPO 1210 Ni	Philips	2222-972-11536	46-21000-082			
C10	270p 5% 500V NPO 1210 Ni	Philips	2222-972-11542	46-22700-082			
C11	330p 5% 500V NPO 1210 Ni	Philips	2222-972-11543	46-23300-082			
C12	330p 5% 500V NPO 1210 Ni	Philips	2222-972-11543	46-23300-082			
C13	330p 5% 500V NPO 1210 Ni	Philips	2222-972-11543	46-23300-082			
C14	470p 5% 500V NPO 1210 Ni	Philips	2222-972-11545	46-24700-082			
C15	390p 5% 500V NPO 1210 Ni	Philips	1210CG391JDB-	46-23900-082			
C16	330p 5% 500V NPO 1210 Ni	Philips	2222-972-11543	46-23300-082			
C17	470p 5% 500V NPO 1210 Ni	Philips	2222-972-11545	46-24700-082			
C18	390p 5% 500V NPO 1210 Ni	Philips	1210CG391JDB-	46-23900-082			
C19	390p 5% 500V NPO 1210 Ni	Philips	1210CG391JDB-	46-23900-082			
C21	150p 5% 500V NPO 1210 Ni	Philips	1210CG151JDB-	46-21500-082			
C22	330p 5% 500V NPO 1210 Ni	Philips	2222-972-11543	46-23300-082			
C23	390p 5% 500V NPO 1210 Ni	Philips	1210CG391JDB-	46-23900-082			
C24	68p 5% 500V NPO 1210 Ni	Philips	2222-972-11534	46-16800-082			
C25	56p 5% 500V NPO 1210 Ni	Philips	2222-972-11533	46-15600-082			
C26	180p 5% 500V NPO 1210 Ni	Philips	2222-972-11539	46-21800-082			
C27	180p 5% 500V NPO 1210 Ni	Philips	2222-972-11539	46-21800-082			
C28	220p 5% 500V NPO 1210 Ni	Philips	2222-972-11541	46-22200-082			
C29	220p 5% 500V NPO 1210 Ni	Philips	2222-972-11541	46-22200-082			
C30	270p 5% 500V NPO 1210 Ni	Philips	2222-972-11542	46-22700-082			
C31	270p 5% 500V NPO 1210 Ni	Philips	2222-972-11542	46-22700-082			
C32	270p 5% 500V NPO 1210 Ni	Philips	2222-972-11542	46-22700-082			
C33	270p 5% 500V NPO 1210 Ni	Philips	2222-972-11542	46-22700-082			
C34	330p 5% 500V NPO 1210 Ni	Philips	2222-972-11543	46-23300-082			
C35	270p 5% 500V NPO 1210 Ni	Philips	2222-972-11542	46-22700-082			
C36	270p 5% 500V NPO 1210 Ni	Philips	2222-972-11542	46-22700-082			
C37	47p 5% 500V NPO 1206 Ni	Philips	2238-971-11532	46-14700-082			
C38	56p 5% 500V NPO 1210 Ni	Philips	2222-972-11533	46-15600-082			
C39	220p 5% 500V NPO 1210 Ni	Philips	2222-972-11541	46-22200-082			
C40	270p 5% 500V NPO 1210 Ni	Philips	2222-972-11542	46-22700-082			
C41	47p 5% 500V NPO 1206 Ni	Philips	2238-971-11532	46-14700-082			
C42	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C43	100p 5% 500V NPO 1210 Ni	Philips	2222-972-11536	46-21000-082			
C44	150p 5% 500V NPO 1210 Ni	Philips	1210CG151JDB-	46-21500-082			
C45	150p 5% 500V NPO 1210 Ni	Philips	1210CG151JDB-	46-21500-082			
C46	180p 5% 500V NPO 1210 Ni	Philips	2222-972-11539	46-21800-082			
C47	180p 5% 500V NPO 1210 Ni	Philips	2222-972-11539	46-21800-082			
C48	180p 5% 500V NPO 1210 Ni	Philips	2222-972-11539	46-21800-082			
C49	150p 5% 500V NPO 1210 Ni	Philips	1210CG151JDB-	46-21500-082			
C50	150p 5% 500V NPO 1210 Ni	Philips	1210CG151JDB-	46-21500-082			
C51	180p 5% 500V NPO 1210 Ni	Philips	2222-972-11539	46-21800-082			
C52	220p 5% 500V NPO 1210 Ni	Philips	2222-972-11541	46-22200-082			
C53	68p 5% 500V NPO 1210 Ni	Philips	2222-972-11534	46-16800-082			
C54	150p 5% 500V NPO 1210 Ni	Philips	1210CG151JDB-	46-21500-082			
C55	150p 5% 500V NPO 1210 Ni	Philips	1210CG151JDB-	46-21500-082			
C56	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C57	82p 5% 500V NPO 1210 Ni	Philips	2222-972-11535	46-18200-082			
C58	100p 5% 500V NPO 1210 Ni	Philips	2222-972-11536	46-21000-082			
C59	100p 5% 500V NPO 1210 Ni	Philips	2222-972-11536	46-21000-082			
C60	100p 5% 500V NPO 1210 Ni	Philips	2222-972-11536	46-21000-082			
C61	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C62	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C63	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C64	150p 5% 500V NPO 1210 Ni	Philips	1210CG151JDB-	46-21500-082			
C65	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C66	100p 5% 500V NPO 1210 Ni	Philips	2222-972-11536	46-21000-082			
C67	22p 5% 500V NPO 1206 Ni	Philips	2238-971-11527	46-12200-082			
C68	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C69	120p 5% 500V NPO 1210 Ni	Philips	2222-972-11537	46-21200-082			
C70	56p 5% 500V NPO 1210 Ni	Philips	2222-972-11533	46-15600-082			
C71	47p 5% 500V NPO 1206 Ni	Philips	2238-971-11532	46-14700-082			

Codan Bill of Materials Report

Branch Plant **AE** Assembly No. **08-05910-001**
 Issue **3** Title **Filter & Control PCB**
 Notional WU Last CR **27542 30/5/03**

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C72	27p 5% 500V NPO 1206 Ni	Philips	2238-971-11528	46-12700-082			
C73	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C74	82p 5% 500V NPO 1210 Ni	Philips	2222-972-11535	46-18200-082			
C75	82p 5% 500V NPO 1210 Ni	Philips	2222-972-11535	46-18200-082			
C76	82p 5% 500V NPO 1210 Ni	Philips	2222-972-11535	46-18200-082			
C77	56p 5% 500V NPO 1210 Ni	Philips	2222-972-11533	46-15600-082			
C78	56p 5% 500V NPO 1210 Ni	Philips	2222-972-11533	46-15600-082			
C79	47p 5% 500V NPO 1206 Ni	Philips	2238-971-11532	46-14700-082			
C80	82p 5% 500V NPO 1210 Ni	Philips	2222-972-11535	46-18200-082			
C81	68p 5% 500V NPO 1210 Ni	Philips	2222-972-11534	46-16800-082			
C82	68p 5% 500V NPO 1210 Ni	Philips	2222-972-11534	46-16800-082			
C83	22p 5% 500V NPO 1206 Ni	Philips	2238-971-11527	46-12200-082			
C84	22p 5% 500V NPO 1206 Ni	Philips	2238-971-11527	46-12200-082			
C85	22p 5% 500V NPO 1206 Ni	Philips	2238-971-11527	46-12200-082			
C86	10p 5% 500V NPO 1206 Ni	Philips	2238-971-11523	46-11000-082			
C87	15p 5% 500V NPO 1206 Ni	Philips	2222-971-11525	46-11500-082			
C88	68p 5% 500V NPO 1210 Ni	Philips	2222-972-11534	46-16800-082			
C89	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C90	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C91	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C92	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C93	47p 5% 500V NPO 1206 Ni	Philips	2238-971-11532	46-14700-082			
C94	47p 5% 500V NPO 1206 Ni	Philips	2238-971-11532	46-14700-082			
C95	56p 5% 500V NPO 1210 Ni	Philips	2222-972-11533	46-15600-082			
C96	39p 5% 500V NPO 1206 Ni	Philips	2238-971-11531	46-13900-082			
C97	39p 5% 500V NPO 1206 Ni	Philips	2238-971-11531	46-13900-082			
C98	39p 5% 500V NPO 1206 Ni	Philips	2238-971-11531	46-13900-082			
C99	39p 5% 500V NPO 1206 Ni	Philips	2238-971-11531	46-13900-082			
C100	18p 5% 500V NPO 1206 Ni	Philips	2238-971-11526	46-11800-082			
C101	68p 5% 500V NPO 1210 Ni	Philips	2222-972-11534	46-16800-082			
C102	68p 5% 500V NPO 1210 Ni	Philips	2222-972-11534	46-16800-082			
C103	18p 5% 500V NPO 1206 Ni	Philips	2238-971-11526	46-11800-082			
C104	22p 5% 500V NPO 1206 Ni	Philips	2238-971-11527	46-12200-082			
C105	27p 5% 500V NPO 1206 Ni	Philips	2238-971-11528	46-12700-082			
C106	27p 5% 500V NPO 1206 Ni	Philips	2238-971-11528	46-12700-082			
C107	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C108	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C109	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C110	27p 5% 500V NPO 1206 Ni	Philips	2238-971-11528	46-12700-082			
C111	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C112	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C113	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C114	10p 5% 500V NPO 1206 Ni	Philips	2238-971-11523	46-11000-082			
C115	33p 5% 500V NPO 1206 Ni	Philips	2238-971-11529	46-13300-082			
C116	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C117	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C118	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C119	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C120	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C121	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C122	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C123	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C124	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C125	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C126	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C127	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C129	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C130	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C131	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C132	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C133	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C134	22p 5% 50V NPO 0805 Ni	Philips	0805CG220J9B200	46-12200-081			
C135	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C136	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C137	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C138	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C139	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C140	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C141	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C142	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C143	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C144	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C145	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C146	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			

Codan Bill of Materials Report

Branch Plant	AE	Assembly No.	08-05910-001
Issue	3	Title	Filter & Control PCB
Notional WU		Last CR	27542 30/5/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C147	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C148	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C149	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C150	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C151	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C153	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C154	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C155	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C156	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C157	100p 5% 50V NPO 0805 Ni	Philips	0805CG101J9B200	46-21000-081			
C158	47p 5% 500V NPO 1206 Ni	Philips	2238-971-11532	46-14700-082			
C159	27p 5% 500V NPO 1206 Ni	Philips	2238-971-11528	46-12700-082			
C160	68p 5% 500V NPO 1210 Ni	Philips	2222-972-11534	46-16800-082			
C161	22p 5% 500V NPO 1206 Ni	Philips	2238-971-11527	46-12200-082			
C162	27p 5% 500V NPO 1206 Ni	Philips	2238-971-11528	46-12700-082			
C163	22p 5% 500V NPO 1206 Ni	Philips	2238-971-11527	46-12200-082			
C164	220p 5% 500V NPO 1210 Ni	Philips	2222-972-11541	46-22200-082			
D1	Diode, Schottky S	HP	HSMS-2800	BAS70			
D2	Diode, Schottky S	HP	HSMS-2800	BAS70			
D3	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D4	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D5	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D6	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D7	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D8	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D9	Diode, Band Switch Si S	Philips	BA242AL	BA423L			
D10	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
D11	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D12	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D14	Diode, Schottky S	HP	HSMS-2800	BAS70			
D15	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
IC1	Reg, Voltage +10V IC	National	LM2940T-10	XB-02940-402			
IC2	Micro prgmd, RFU Filter I/O			90-20608-001			
IC3	Array, Transistor	On-Semiconduc	MC1413DR2	XT-01413-700			
IC4	Reg, Voltage +5V 0,1A IC	Motorola	MC78L05ACD	XB-07805-700			
IC5	Amp, Oper Dual CMOS IC	National	LMC662CMX	XA-00662-700			
IC6	Amp, Operational Dual IC	Philips	LM358D-653	XA-00358-700			
J1	Socket, Coax Mini Low Prof Fix	Taiko Denki	TMP-J02X-A1	60-19390-002			
J2	Socket, MCX Straight P	Chin Nan	27-05-TGN	60-19300			
J3	Terminal Block 2 way PCB	ECE	ETB1502	61-10200-202			
K1	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K2	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K3	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K4	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K5	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K6	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K7	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K8	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
L2	Ind, 1mH 10% 1812	Coilcraft	1812LS-105XKBC	43-83100-000			
L3	Ind, 2,1uH vi/gn/bn/rd	Fetronics	44-70512	44-70512			
L4	Ind, 1,8uH gn/sl/gn	Fetronics	9323/9360/2010	44-70466			
L5	Ind, 3u36 vi/gn/bk/ye			44-70504			
L6	Ind, 1,5uH sl/sl/vi	Fe-tronic		44-70370			
L7	Ind, 1u21 vi/gn/bk/rd			44-70502			
L8	Ind, 2u28 bl/bl/bl/bk	Fetronics	44-70476	44-70476			
L9	Ind, 1,0uH sl/sl/or			44-70368			
L10	Ind, 837nH bl/bl/bl/gn	Fetronics	9360/2010	44-70477			
L11	Ind, 1,5uH sl/sl/vi	Fe-tronic		44-70370			
L12	Ind, 620nH vi/vi/wh	Fe-tronic		44-70393			
L13	Ind, 530nH bl/bl/bl/bn	Fetronics	9360/2010	44-70478			
L14	Ind, 1,0uH sl/sl/or			44-70368			
L15	Ind, 620nH vi/vi/wh	Fe-tronic		44-70393			
L16	Ind, 499nH vi/gn/bk/bn			44-70501			
L17	Ind, 530nH bl/bl/bl/bn	Fetronics	9360/2010	44-70478			
L18	Ind, 267nH vi/ye/wh/wh			44-70499			
L19	Ind, 244nH vi/gn/bn/bn	Fetronics	44-70511	44-70511			
L20	Ind, 422nH bl/bl/bl/or	Fetronics	9360/2010	44-70479			
L22	Ind, 176nH bl/bl/bl/rd	Fetronics	9360	44-70482			
L23	Ind, 152nH vi/gn/bn/bk	Fetronics	44-70510	44-70510			

Codan Bill of Materials Report

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Branch Plant	AE	Assembly No.	08-05910-001
Issue	3	Title	Filter & Control PCB
Notional WU		Last CR	27542 30/5/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
L24	Ind, 291nH vi/gn/bk/bk			44-70500			
L25	Ind, Common Mode 1.5A	Taiyo Yuden	CM05RA06	43-80000			
L26	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L27	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L28	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L29	Choke, EMI/EMC 0A DC >1MHZ	Taiyo Yuden	FBM4516 HS111-T	43-90003			
P1	Not Fitted			**--00000-001			Not Fitted
P2	Header (P) 16way 2row Boxed SM	Neltron	2316S-MD-16G	60-00160-003			
P3	Header (P) 2way 1row Latch	JAE	IL-2P-S3EN2	60-00020-260			
P4	Header (P) 16way 2row Boxed SM	Neltron	2316S-MD-16G	60-00160-003			
R1	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R2	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R3	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R4	100 Ohm 2% 0,1W Melf 2512	Vishay	SMM0207 50 100R1%B	40-21000-135			
R5	100 Ohm 2% 0,1W Melf 2512	Vishay	SMM0207 50 100R1%B	40-21000-135			
R6	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R7	4,7k Ohm 5% 0,1W 08			40-34700-111			
R8	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R9	100k Ohm 5% 0,1W 08	Vishay	D12100KJBS	40-51000-111			
R10	4,7k Ohm 5% 0,1W 08			40-34700-111			
R11	100k Ohm 5% 0,1W 08	Vishay	D12100KJBS	40-51000-111			
R12	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R13	22k Ohm 5% 0,1W 08	Vishay	D12022KJBS	40-42200-111			
R14	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R15	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R16	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R17	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R18	1k Ohm 5% 0,1W 08	Philips	2322 730 61102	40-31000-111			
R19	20k Ohm 1% 0,06W 0603	Phycomp	2322 704 62003	40-42000-125			
R20	3,3k Ohm 5% 0,1W 08			40-33300-111			
R21	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R22	1k Ohm 5% 0,1W 08	Philips	2322 730 61102	40-31000-111			
R23	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R26	4,7k Ohm 5% 0,1W 08			40-34700-111			
R27	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R28	18k Ohm 5% 0,1W 08			40-41800-111			
R29	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R30	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R32	Pot,10k Lin MG Trim S	Bourns	3314 J-1-103E	42-41004-000			
R33	1,5k Ohm 5% 0,1W 08			40-31500-111			
R34	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R35	Pot,100k Lin MG Trim S	Bourns	3314 J-1-104E	42-51060-001			
R36	220 Ohm 5% 0,1W 08			40-22200-111			
R37	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R38	6,8k Ohm 5% 0,1W 08	05	2322 730 61682	40-36800-111			
R39	82k Ohm 5% 0,1W 08			40-48200-111			
R40	270k Ohm 5% 0,1W 08	AVX	CR21-2703F-T	40-52700-111			
R41	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R42	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R43	1,8k Ohm 5% 0,1W 08			40-31800-111			
R44	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R45	100k Ohm 5% 0,1W 08	Vishay	D12100KJBS	40-51000-111			
R46	20k Ohm 1% 0,1W 08	Philips	2322 734 62003	40-42000-115			
R47	100k Ohm 5% 0,1W 08	Vishay	D12100KJBS	40-51000-111			
R48	560k Ohm 5% 0,1W 08			40-55600-111			
R49	390k Ohm 5% 0,1W 08	Draloric	D12390KJBS	40-53900-111			
R50	1k Ohm 5% 0,1W 08	Philips	2322 730 61102	40-31000-111			
R51	68k Ohm 5% 0,1W 08	Vishay	D12068KJBS	40-46800-111			
R52	2,7k Ohm 5% 0,1W 08			40-32700-111			
R53	3,3k Ohm 5% 0,1W 08			40-33300-111			
R54	4,7k Ohm 5% 0,1W 08			40-34700-111			
R55	3,9k Ohm 5% 0,1W 08			40-33900-111			
R56	15k Ohm 5% 0,1W 08			40-41500-111			
R57	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R58	22 Ohm 5% 0,1W 08			40-12200-111			
R59	120k Ohm 5% 0,1W 08			40-51200-111			
R60	22k Ohm 5% 0,1W 08	Vishay	D12022KJBS	40-42200-111			
R61	82 Ohm 5% 0,1W 08			40-18200-111			
R62	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R63	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R64	470k Ohm 5% 0,1W 08	Vishay	D12470KJBS	40-54700-111			
R65	1k Ohm 5% 0,1W 08	Philips	2322 730 61102	40-31000-111			

Branch Plant **AE** Assembly No. **08-05910-001**
 Issue **3** Title **Filter & Control PCB**
 Notional WU Last CR **27542 30/5/03**

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R66	1k Ohm 5% 0,1W 08	Philips	2322 730 61102	40-31000-111			
R67	39k Ohm 5% 0,1W 08			40-43900-111			
R68	5,6k Ohm 5% 0,1W 08			40-35600-111			
R69	1 Ohm 5% 0,1W 08	Philips	2322 730 61108	40-01000-111			
R70	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R71	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R72	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R73	1k Ohm 5% 0,1W 08	Philips	2322 730 61102	40-31000-111			
R74	10k Ohm 1% 0,06W 0603	Phycomp	2322 704 61003	40-41000-125			
R75	20k Ohm 1% 0,06W 0603	Phycomp	2322 704 62003	40-42000-125			
R76	10k Ohm 1% 0,06W 0603	Phycomp	2322 704 61003	40-41000-125			
R77	20k Ohm 1% 0,06W 0603	Phycomp	2322 704 62003	40-42000-125			
R78	10k Ohm 1% 0,06W 0603	Phycomp	2322 704 61003	40-41000-125			
R79	20k Ohm 1% 0,06W 0603	Phycomp	2322 704 62003	40-42000-125			
R80	10k Ohm 1% 0,06W 0603	Phycomp	2322 704 61003	40-41000-125			
R81	20k Ohm 1% 0,06W 0603	Phycomp	2322 704 62003	40-42000-125			
R82	10k Ohm 1% 0,06W 0603	Phycomp	2322 704 61003	40-41000-125			
R83	20k Ohm 1% 0,06W 0603	Phycomp	2322 704 62003	40-42000-125			
R84	20k Ohm 1% 0,06W 0603	Phycomp	2322 704 62003	40-42000-125			
R85	47k Ohm 5% 0,1W 08			40-44700-111			
T1	Txfr, RF or Fetronics	Various		44-80021			
V1	Transistor, NPN Si S		BC847C-215	BC847			
V2	Transistor, PNP Si S	On-Semiconduc	MJD32CT4	MJD32C			
V3	Transistor, NPN Si S	Philips	BC817	BC817			
V4	Transistor, NPN Si S		BC847C-215	BC847			
V5	Transistor, PNP Si S	Adilam	BC857/215	BC858			
V6	MOSFET, N Channel Enhance. S	Philips	BST82	BST82			
V7	Transistor, NPN Si S		BC847C-215	BC847			
V8	Transistor, NPN Si S		BC847C-215	BC847			
V9	Transistor, NPN Si S		BC847C-215	BC847			
V10	Transistor, NPN Si S		BC847C-215	BC847			
V11	MOSFET, N Channel Enhance. S	Philips	BST82	BST82			
V12	Transistor, NPN Si S		BC847C-215	BC847			
V13	Transistor, NPN Si S		BC847C-215	BC847			
V14	MOSFET, N Channel Enhance. S	Philips	BST82	BST82			
V15	Transistor, NPN Si S		BC847C-215	BC847			
V16	Transistor, NPN Si S		BC847C-215	BC847			
V17	MOSFET, N Channel Enhance. S	Philips	BST82	BST82			
V18	Transistor, NPN Si S		BC847C-215	BC847			
1	PCB, Filter & Control	IMP	07-01967-02	07-01967-02	1.00	EA	
3	Cable, Coax	Intertech	08-05484-001 (1215)	08-05484-001	1.00	EA	
4	Cable, Ribbon, PA - Filter	Auto Assy	08-05487-001	08-05487-001	1.00	EA	
5	Cable, Ribbon, Filter - Audio	Auto Assy	2010	08-05488-001	1.00	EA	
	Build Standard, 2010			01-01252	1.00	EA	
	PA Filter & Control			04-03369	.01	EA	PA Filter & Control
	Assy Proc, NGT Filter			11-06069	.01	EA	Assy Proc, NGT Filt

Branch Plant **AE** Assembly No. **08-05962-001**
 Issue **5** Title **Fundamental Xtal Osc PCB**
 Notional WU Last CR **27676 18/11/03**

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C1	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C2	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C3	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C4	22p 1% 50V NPO 0805 Ni	Phycomp	2238-861-18229	46-12200-084			
C5	47p 5% 50V NPO 0805 Ni	Philips	0805CG470J9B200	46-14700-080			
C6	15p 5% 50V NPO 0603 Ni	Philips	2238-867-15159	46-11500-083			
C7	2 - 10p Ceramic Trim Cap S	Voltronics	JZ100	49-51100			
C8	4,7p 0,25p 50V NPO 0603 Ni	Philips	2238-867-15478	46-04700-084			
C9	2,2p 0,25p 50V NPO 0603 Ni	AVX	06035A2R2CAT2A	46-02200-082			
C10	4,7p 0,25p 50V NPO 0603 Ni	Philips	2238-867-15478	46-04700-084			
C11	8,2p 0,25p 50V NPO 0603 Ni	Philips	2238-867-25828	46-08200-082			
IC1	Inverter, Single Unbuffered	Toshiba	TC7SHU04F	YZ-74004-700			
IC2	Inverter, Single Unbuffered	Toshiba	TC7SHU04F	YZ-74004-700			
IC3	Reg, Voltage +5V 0,1A IC	Motorola	MC78L05ACD	XB-07805-700			
R1	1M Ohm 5% 0,06W 06	Philips	2322 702 60105	40-61000-121			
R2	3,3k Ohm 5% 0,1W 08			40-33300-111			
1	PCB, Fundamental Xtal Osc	IMP	07-01980-03	07-01980-03	1.00	EA	
	Fundamental Xtal Oscillator			04-03410	.01	EA	Fundamental Xtal C

Branch Plant	AE	Assembly No.	08-05963-001
Issue	1	Title	Crystal Oven Assembly
Notional WU		Last CR	12/08/02

<u>Ref.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Manufacturer's P/N</u>	<u>Codan P/N</u>	<u>Qty</u>	<u>UM</u>	<u>Remarks</u>
6	Heat, Transfer Compound	Electrolube	317-950 HTC1	71-31000-004	.01	EA	
V2	MOSFET, Power N Channel	Harris	RFD12N06RLE	MTD3055EL1			
Z1	Crystal, 14848,33 kHz Fundamen	Hy-Q	TW07C QC49 14848.3	65-90111			
1	Heatsink, Shell, Bottom	Metalcraft	05-07188	05-07188	1.00	EA	
2	Heatsink, Shell, Spacer	Metalcraft	05-07189	05-07189	1.00	EA	
3	Heatsink, Shell, Top	Metalcraft	05-07190	05-07190	1.00	EA	
4	Fundamental Xtal Osc PCB			08-05962-001	1.00	EA	
5	Controller, Crystal Oven PCB			08-05973-001	1.00	EA	

Branch Plant	AE	Assembly No.	08-05986-001
Issue	3	Title	Audio PCB
Notional WU	2030	Last CR	27547 27/05/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C1	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C2	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C3	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C4	100p 5% 50V NPO 0603 Ni	Philips	2238-867-15101	46-21000-083			
C5	100p 5% 50V NPO 0603 Ni	Philips	2238-867-15101	46-21000-083			
C6	100p 5% 50V NPO 0603 Ni	Philips	2238-867-15101	46-21000-083			
C7	100p 5% 50V NPO 0603 Ni	Philips	2238-867-15101	46-21000-083			
C8	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C9	Not Fitted			** - 00000-001			Not Fitted
C10	1000u 16V EL C	Jamicon	SKR102T1CJ21	48-31001-651			
C11	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C12	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C15	100u 25V 105°C Sw SMD EL C	Sanyo	25CV100AX	48-21002-502			
C16	470u 16V EL C	Jamicon	SKR470T1CG18	48-24701-651			
C17	2,2n 5% 50V NPO 1206 Ni	Philips	1206CG222J9BB-	46-32200-081			
C18	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C19	2,2n 5% 50V NPO 1206 Ni	Philips	1206CG222J9BB-	46-32200-081			
C20	3,9n 5% 50V NPO 1206 Ni	Philips	2222-891-10557	46-33900-080			
C21	330p 5% 50V NPO 0603 Ni	Phycomp	2238-867-15331	46-23300-083			
C22	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C23	4,7n 5% 25V NPO 0805 Ni	Phycomp	2222-910-11558	46-34700-081			
C24	4,7n 5% 25V NPO 0805 Ni	Phycomp	2222-910-11558	46-34700-081			
C25	220p 5% 50V NPO 0603 Ni	Philips	2238-867-15221	46-22200-083			
C26	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C27	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C28	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C29	2,2n 5% 50V NPO 1206 Ni	Philips	1206CG222J9BB-	46-32200-081			
C30	2,2n 5% 50V NPO 1206 Ni	Philips	1206CG222J9BB-	46-32200-081			
C31	3,9n 5% 50V NPO 1206 Ni	Philips	2222-891-10557	46-33900-080			
C32	330p 5% 50V NPO 0603 Ni	Phycomp	2238-867-15331	46-23300-083			
C33	4,7n 5% 25V NPO 0805 Ni	Phycomp	2222-910-11558	46-34700-081			
C34	4,7n 5% 25V NPO 0805 Ni	Phycomp	2222-910-11558	46-34700-081			
C35	220p 5% 50V NPO 0603 Ni	Philips	2238-867-15221	46-22200-083			
C36	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C37	470p 5% 50V NPO 0805 Ni	Philips	0805CG471J9B200	46-24700-081			
C38	470p 5% 50V NPO 0805 Ni	Philips	0805CG471J9B200	46-24700-081			
C39	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C40	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C41	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C42	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C43	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C44	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C45	33n 10% 50V X7R 0805 Ni	Philips	08052R333K9BB00	46-43300-281			
C46	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C47	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C48	470p 5% 50V NPO 0805 Ni	Philips	0805CG471J9B200	46-24700-081			
C49	470p 5% 50V NPO 0805 Ni	Philips	0805CG471J9B200	46-24700-081			
C50	470p 5% 50V NPO 0805 Ni	Philips	0805CG471J9B200	46-24700-081			
C51	470p 5% 50V NPO 0805 Ni	Philips	0805CG471J9B200	46-24700-081			
C52	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C53	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C54	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C55	470u 16V EL C	Jamicon	SKR470T1CG18	48-24701-651			
C56	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C57	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C58	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C59	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C60	100n 10% 50V X7R 0805 Ni	Philips	08052R104K9BB	46-51000-282			
C61	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C62	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C63	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C64	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C65	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C66	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C67	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C68	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C69	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C70	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C71	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C72	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C73	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C74	3,3n 10% 100V X7R 0603 Ni	AVX	06031C332KAT2A	46-33300-282			
C75	220p 5% 50V NPO 0603 Ni	Philips	2238-867-15221	46-22200-083			
C76	220p 5% 50V NPO 0603 Ni	Philips	2238-867-15221	46-22200-083			

Codan Bill of Materials Report

Branch Plant	AE	Assembly No.	08-05986-001
Issue	3	Title	Audio PCB
Notional WU	2030	Last CR	27547 27/05/03

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
C77	22p 5% 100V NPO 0603 Ni	Philips	2238-606-11527	46-12200-083			
C78	22p 5% 100V NPO 0603 Ni	Philips	2238-606-11527	46-12200-083			
C79	100p 5% 50V NPO 0603 Ni	Philips	2238-867-15101	46-21000-083			
C80	1u 10% 16V X7R 1206 Ni	Philips	12062R105K7BB00	46-61000-280			
C81	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
D1	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D2	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D3	Diode, 400V 1A S	On-Semiconduc	MRA4007T3	MRA4004T3			
H1	LED, Tricolour T-1 3/4 Diffus	Lite-on	LTL-30EFJ	65-61110-901			
H2	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
H3	LED, Green PLCC SMD Non Diffus	Osram	LGT-670-L1M2-1	65-61110-507			
IC1	EPLD prgmd, JB Audio 3V			90-20622-001			
IC2	Pot, 50k Digital Quad	Xicor	X9241US	YN-09241-701			
IC3	Amp, Audio Power 2x11w	Philips	TDA1519C	TDA1519C			
IC4	Amp, Operational Dual IC	Texas Instrum	TL082CDR	XA-00082-700			
IC5	Amp, Operational Dual IC	Texas Instrum	TL082CDR	XA-00082-700			
IC6	Amp, Op Dual Fast IC	Texas Inst	TLE2082CDR	XA-02082-700			
IC7	Amp, Operational Dual IC	Texas Instrum	TL082CDR	XA-00082-700			
IC8	Amp, Op Dual Fast IC	Texas Inst	TLE2082CDR	XA-02082-700			
IC9	Switch, Analog Quad Fast	Harris	DG445DY	YI-00445-700			
IC10	Amp, Op Dual Fast IC	Texas Inst	TLE2082CDR	XA-02082-700			
IC11	Amp, Operational Dual IC	Texas Instrum	TL082CDR	XA-00082-700			
IC12	Reg, Voltage +10V IC	National	LM2940T-10	XB-02940-402			
IC13	Reg, Voltage +5V 0,1A IC	Motorola	MC78L05ACD	XB-07805-700			
IC14	Reg, Voltage +3,3V 150mA LDO	Texas Instrum	TPS76333DBVT	XB-76333-700			
K1	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
L1	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L2	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L3	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L4	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L5	Choke, Common Mode (Data) SMD	Taiyo Yuden	CM04RC04	43-82470-000			
L6	Choke, Common Mode (Data) SMD	Taiyo Yuden	CM04RC04	43-82470-000			
L7	Choke, Common Mode (Data) SMD	Taiyo Yuden	CM04RC04	43-82470-000			
L8	Choke, Common Mode (Data) SMD	Taiyo Yuden	CM04RC04	43-82470-000			
L9	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L10	Ind, Common Mode 5.5A	Taiyo Yuden	CM08RA20	43-80001			
P1	Header (P) 34way 2row boxed f	Thomas & Bett	609-3427	60-00340-001			
P2	Header (P) 10way 2mm Latch Fix	AMP	1-173981-0	60-00100-351			
P3	Header (P) 10way 2mm Latch Fix	AMP	1-173981-0	60-00100-351			
P4	Not Fitted			** -00000-001			Not Fitted
P5	Header (P) 10way 2row thin ins	Berg	67997-410H	60-00100-002			
P6	Header (P) 4way 2mm Latch Fix	AMP	173981-4	60-00040-352			
P7	Header (P) 8way 2mm Latch Fix	AMP	173981-8	60-00080-001			
P8	Header (P) 3way 1row	Berg	78511-403	60-00031-100			
P9	Header (P) 3way 1row	Berg	78511-403	60-00031-100			
P10	Header (P) 16way 2row Boxed SM	Neltron	2316S-MD-16G	60-00160-003			
P11	Header (P) 10way 2row thin ins	Berg	67997-410H	60-00100-002			
R1	4,7k Ohm 5% 0,06W 06	Philips	2322 702 60472	40-34700-121			
R2	2,2k Ohm 5% 0,06W 06	Philips	2322 702 60222	40-32200-121			
R7	2,2k Ohm 5% 0,06W 06	Philips	2322 702 60222	40-32200-121			
R8	33 Ohm 5% 0,06W 06	Philips	2322 702 60339	40-13300-121			
R9	2,2k Ohm 5% 0,06W 06	Philips	2322 702 60222	40-32200-121			
R10	270 Ohm 5% 0,06W 06	Philips	2322 702 60271	40-22700-121			
R11	2,2k Ohm 5% 0,06W 06	Philips	2322 702 60222	40-32200-121			
R12	2,2k Ohm 5% 0,06W 06	Philips	2322 702 60222	40-32200-121			
R13	2,2k Ohm 5% 0,06W 06	Philips	2322 702 60222	40-32200-121			
R14	100 Ohm 5% 0,06W 06	Philips	2322 702 60101	40-21000-121			
R15	100 Ohm 5% 0,06W 06	Philips	2322 702 60101	40-21000-121			
R16	100 Ohm 5% 0,06W 06	Philips	2322 702 60101	40-21000-121			
R17	1k Ohm 5% 0,06W 06	Philips	2322 702 60102	40-31000-121			
R18	100 Ohm 5% 0,06W 06	Philips	2322 702 60101	40-21000-121			
R19	10k Ohm 5% 0,06W 06	Philips	2322 702 60103	40-41000-121			
R20	18k Ohm 1% 0,06W 06	Philips	2322 704 61803	40-41800-125			
R21	33 Ohm 5% 0,06W 06	Philips	2322 702 60339	40-13300-121			
R22	4,7k Ohm 5% 0,06W 06	Philips	2322 702 60472	40-34700-121			
R23	51k Ohm 5% 0,1W 08	Philips	2322 730 61513	40-45100-111			
R24	33 Ohm 5% 0,06W 06	Philips	2322 702 60339	40-13300-121			

Branch Plant **AE** Assembly No. **08-05986-001**
 Issue **3** Title **Audio PCB**
 Notional WU **2030** Last CR **27547 27/05/03**

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R25	51k Ohm 5% 0,1W	Philips	2322 730 61513	40-45100-111			
R27	51k Ohm 5% 0,1W	Philips	2322 730 61513	40-45100-111			
R28	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R29	33k Ohm 5% 0,06W	Philips	2322 702 60333	40-43300-121			
R30	33k Ohm 5% 0,06W	Philips	2322 702 60333	40-43300-121			
R31	18k Ohm 1% 0,06W	Philips	2322 704 61803	40-41800-125			
R32	1,5k Ohm 5% 0,06W	Philips	2322 702 60152	40-31500-121			
R33	1,5k Ohm 5% 0,06W	Philips	2322 702 60152	40-31500-121			
R34	18k Ohm 1% 0,06W	Philips	2322 704 61803	40-41800-125			
R35	4,7k Ohm 5% 0,06W	Philips	2322 702 60472	40-34700-121			
R36	10k Ohm 5% 0,06W	Philips	2322 702 60103	40-41000-121			
R37	22k Ohm 5% 0,06W	Philips	2322 702 60223	40-42200-121			
R38	22k Ohm 5% 0,06W	Philips	2322 702 60223	40-42200-121			
R39	10k Ohm 5% 0,06W	Philips	2322 702 60103	40-41000-121			
R40	51k Ohm 5% 0,1W	Philips	2322 730 61513	40-45100-111			
R42	51k Ohm 5% 0,1W	Philips	2322 730 61513	40-45100-111			
R44	51k Ohm 5% 0,1W	Philips	2322 730 61513	40-45100-111			
R46	33k Ohm 5% 0,06W	Philips	2322 702 60333	40-43300-121			
R47	33k Ohm 5% 0,06W	Philips	2322 702 60333	40-43300-121			
R48	22k Ohm 5% 0,06W	Philips	2322 702 60223	40-42200-121			
R49	22k Ohm 5% 0,06W	Philips	2322 702 60223	40-42200-121			
R50	22k Ohm 5% 0,06W	Philips	2322 702 60223	40-42200-121			
R51	22k Ohm 5% 0,06W	Philips	2322 702 60223	40-42200-121			
R52	10k Ohm 5% 0,06W	Philips	2322 702 60103	40-41000-121			
R53	18k Ohm 1% 0,06W	Philips	2322 704 61803	40-41800-125			
R54	1,8k Ohm 5% 0,06W	Philips	2322 704 61802	40-31800-121			
R55	47k Ohm 5% 0,06W	Philips	2322 704 64703	40-44700-121			
R56	10k Ohm 1% 0,06W	0603 Phycomp	2322 704 61003	40-41000-125			
R57	47k Ohm 5% 0,06W	Philips	2322 704 64703	40-44700-121			
R58	47k Ohm 5% 0,06W	Philips	2322 704 64703	40-44700-121			
R59	47k Ohm 5% 0,06W	Philips	2322 704 64703	40-44700-121			
R60	22k Ohm 5% 0,06W	Philips	2322 702 60223	40-42200-121			
R61	47k Ohm 5% 0,06W	Philips	2322 704 64703	40-44700-121			
R62	47k Ohm 5% 0,06W	Philips	2322 704 64703	40-44700-121			
R63	22k Ohm 5% 0,06W	Philips	2322 702 60223	40-42200-121			
R65	33k Ohm 5% 0,06W	Philips	2322 702 60333	40-43300-121			
R66	33k Ohm 5% 0,06W	Philips	2322 702 60333	40-43300-121			
R67	33k Ohm 5% 0,06W	Philips	2322 702 60333	40-43300-121			
R68	1k Ohm 5% 0,06W	Philips	2322 702 60102	40-31000-121			
R69	1k Ohm 5% 0,06W	Philips	2322 702 60102	40-31000-121			
R70	1k Ohm 5% 0,06W	Philips	2322 702 60102	40-31000-121			
R71	1k Ohm 5% 0,06W	Philips	2322 702 60102	40-31000-121			
R72	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R73	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R74	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R75	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R76	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R77	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R78	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R79	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R80	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R81	100 Ohm 5% 0,06W	Philips	2322 702 60101	40-21000-121			
R82	33k Ohm 5% 0,06W	Philips	2322 702 60333	40-43300-121			
R83	1M Ohm 5% 0,06W	Philips	2322 702 60105	40-61000-121			
R84	1k Ohm 5% 0,06W	06 Philips	2322 702 60102	40-31000-121			
R85	1M Ohm 5% 0,06W	Philips	2322 702 60105	40-61000-121			
R86	1M Ohm 5% 0,06W	Philips	2322 702 60105	40-61000-121			
T1	Txfr, Line isolation SMD	Etal	P2781TR	43-30002			
V1	Transistor, NPN Si	S Philips	BFR92A -215	BFR92A			
V2	Transistor, PNP Si	S Adilam	BC857/215	BC858			
V3	Transistor, PNP Si	S Adilam	BC857/215	BC858			
V4	Transistor, NPN Si	S Philips	BC847-215	BC848			
V5	Transistor, NPN Si	S Philips	BC847-215	BC848			
Z1	Crystal, 16000 kHz	uP Gra Hy-Q	QC49/SMD	65-90103			
1	PCB, Audio			07-01992-02	1.00	EA	
2	Label, Serial/Barcode			06-02068	1.00	EA	
3	Jumper (S) 2way Open Top	Philips	2422-024-88003	60-90410-001	2.00	EA	
	Spec, Audio (JB) PCB Board Lev			01-01051	.01	EA	Spec, Audio (JB) PCB
	Audio, Junction Box			04-03423	.01	EA	Audio, Junction Box

Branch Plant	AE	Assembly No.	08-05986-001
Issue	3	Title	Audio PCB
Notional WU	2030	Last CR	27547 27/05/03

<u>Ref.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Manufacturer's P/N</u>	<u>Codan P/N</u>	<u>Qty</u>	<u>UM</u>	<u>Remarks</u>
	PTP, 2030, Audio PCB			10-50043	.01	EA	PTP, 2030, Audio PCB
	NGT JBox Audio PCB			11-06093	.01	EA	NGT JBox Audio PCB

Assembly Number
Title
Issue
Date Valid On

08-06461-001
 PA c/w Heatsink PCB
 01.12.2005

Ref	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty
	PA Filter & Control			04-03542	1
	Heat, Transfer Compound			71-31000-004	0.01
*	PA c/w Heatsink PCB	Gensil	GENSIL 13 45gm Tube	08-06461	1
1	PCB, Power Amplifier	Codan	07-02111-01	07-02111-01	1
2	Rivet, Tinned Brass Chobert 4,0dx9,5	Avdel	01143-00516	33-40340-095	2
3	Stake, Terminal	Autosplice	7-22461-5	61-40300-004	8
4	Heatsink, RF Unit	Diometrics	05-07243	05-07243	1
5	Label, Serial/Barcode	Codan	06-02068	06-02068	1
7	Cable, Ant control	Intertech	08-05486-001	08-05486-001	1
8	Cable, PA O/P Coax	COMOSS	08-05964-001	08-05964-001	1
9	Cable, Battery	Cablex	08-05969-001	08-05969-001	1
11	Screw, M3x8 TAPTITE 2 P/Pozi	Ajax Fasteners	31-03008-580	31-03008-580	13
12	Lug, Solder 3,5mm	Cliford W Ltd	G410 CODE 330	61-30200-025	4
13	Washer, Mica (1kV) TO-220	Philips	56359B	30-45002-002	3
14	Bush, Transistor TO-220	Motorola	B51547F019	30-03801-001	2
15	Tubing, Heatshrink 4,8x0,2 Bk	3M	FP-301 3/16" Black	71-80502-400	0.01
17	Screw, M3x10 TAPTITE 2 P/Pozi	Ajax Fasteners	31-03010-582	31-03010-582	1
C200	1u 20% 35V 3528 TA Cap	AVX	TAJB105M035R	47-01003-520	1
C201	1u 20% 35V 3528 TA Cap	AVX	TAJB105M035R	47-01003-520	1
C202	100u 25V EL Cap	Elna	48-21002-551	48-21002-551	1
C203	33n 10% 50V X7R 0805 NiSn	Philips	08052R333K9BB00	46-43300-281	1
C204	22p 5% 50V NPO 0805 NiSn	Philips	0805CG220J9B200	46-12200-081	1
C205	33n 10% 50V X7R 0805 NiSn	Philips	08052R333K9BB00	46-43300-281	1
C206	33n 10% 50V X7R 0805 NiSn	Philips	08052R333K9BB00	46-43300-281	1
C207	82p 5% 50V NPO 0805 NiSn	Philips	0805CG820J9B200	46-18200-081	1
C208	100u 25V EL Cap	Elna	48-21002-551	48-21002-551	1
C209	33n 10% 50V X7R 0805 NiSn	Philips	08052R333K9BB00	46-43300-281	1
C210	33n 10% 50V X7R 0805 NiSn	Philips	08052R333K9BB00	46-43300-281	1
C211	33n 10% 50V X7R 0805 NiSn	Philips	08052R333K9BB00	46-43300-281	1
C212	100n 10% 50V X7R 0805 Nisn	Philips	08052R104K9BB	46-51000-282	1
C213	1n 5% 50V NPO 0805 NiSn	Philips	0805CG102J9BB-	46-31000-082	1
C214	100n 10% 50V X7R 0805 Nisn	Philips	08052R104K9BB	46-51000-282	1
C215	100n 10% 50V X7R 0805 Nisn	Philips	08052R104K9BB	46-51000-282	1
C216	1n 5% 50V NPO 0805 NiSn	Philips	0805CG102J9BB-	46-31000-082	1
C217	330p 5% 50V NPO 0805 NiSn	Philips	0805CG331J9B200	46-23300-081	1
C218	22p 5% 50V NPO 0805 NiSn	Philips	0805CG220J9B200	46-12200-081	1
C219	1n 5% 50V NPO 0805 NiSn	Philips	0805CG102J9BB-	46-31000-082	1
C220	33n 10% 50V X7R 0805 NiSn	Philips	08052R333K9BB00	46-43300-281	1
C221	470p 5% 500V NPO 1210 NiSn	Philips	1210CG471GBB-	46-24700-082	1
C222	470p 5% 500V NPO 1210 NiSn	Philips	1210CG471GBB-	46-24700-082	1
C223	470p 5% 500V NPO 1210 NiSn	Philips	1210CG471GBB-	46-24700-082	1
C225	100n 10% 50V X7R 0805 Nisn	Philips	08052R104K9BB	46-51000-282	1
C226	47p 5% 50V NPO 0805 NiSn	Philips	0805CG470J9B200	46-14700-080	1
C227	10u 20% 25V 6032 TA Cap	AVX	TAJC106M025R	47-11002-520	1
C228	100n 10% 50V X7R 0805 Nisn	Philips	08052R104K9BB	46-51000-282	1
C229	33n 10% 50V X7R 0805 NiSn	Philips	08052R333K9BB00	46-43300-281	1
C230	100n 10% 50V X7R 0805 Nisn	Philips	08052R104K9BB	46-51000-282	1
C231	470n 10% 63V PE Cap	Philips	2222 370 18474	46-54700-521	1
C232	33n 10% 50V X7R 0805 NiSn	Philips	08052R333K9BB00	46-43300-281	1
C233	100p 5% 50V NPO 0805 NiSn	Philips	0805CG101J9B200	46-21000-081	1
C234	100n 10% 50V X7R 0805 Nisn	Philips	08052R104K9BB	46-51000-282	1
C235	22p 5% 500V NPO 1206 NiSn	Philips	1206CG220GBB-	46-12200-082	1
C236	100n 10% 50V X7R 0805 Nisn	Philips	08052R104K9BB	46-51000-282	1
C237	100u 25V EL Cap	Elna	48-21002-551	48-21002-551	1
C239	33n 10% 50V X7R 0805 NiSn	Philips	08052R333K9BB00	46-43300-281	1
D202	Diode, Schottky 70V 70mA SOT23	Siemens	BAS70	BAS70	1
D203	Diode, Zener 15V 5% 0,2W SOT23	Philips	BZX84-C15	BZX84C15	1
D204	Diode, Si High speed 75V SOT23	Philips	BAS16	BAS16	1
D205	Diode, 400V 1A SMA	On Semiconductor	MRA4004T3	MRA4004T3	1
D206	Diode, Si High speed 75V SOT23	Philips	BAS16	BAS16	1
D207	Diode, Si High speed 75V SOT23	Philips	BAS16	BAS16	1
D208	Diode, Schottky 70V 70mA SOT23	Siemens	BAS70	BAS70	1

Assembly Number 08-06461-001
Title PA c/w Heatsink PCB
Issue
Date Valid On 01.12.2005

Ref	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty
R247	15 Ohm 5% 0,1W 0805	Philips	2322 730 61159	40-11500-111	1
R248	47 Ohm 5% 0,1W 0805	Philips	2322 730 61479	40-14700-111	1
R249	2,2 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-2R20-J-7	40-02200-135	1
R250	2,2 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-2R20-J-7	40-02200-135	1
R251	2,2 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-2R20-J-7	40-02200-135	1
R252	2,2 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-2R20-J-7	40-02200-135	1
R253	1k Ohm 5% 0,1W 0805	Philips	2322-730-61102	40-31000-111	1
R254	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135	1
R255	470 Ohm 5% 0,1W 0805	Philips	2322 730 61471	40-24700-111	1
R256	180k Ohm 1% 0,1W 0805	Philips	2322 734 61804	40-51800-115	1
R258	4,7k Ohm 5% 0,1W 0805	Philips	2322 730 61472	40-34700-111	1
R259	3,3 Ohm 5% 0,1W 0805	Philips	2322 730 61338	40-03300-111	1
R260	10k Ohm 5% 0,1W 0805	Philips	2322-730-61103	40-41000-111	1
R261	Res, Voltage Dependent	Philips	2322-592-52506	41-22506-592	1
R262	50 Ohm 80°C PTC Thermistor	Philips	2322-660-91008	41-11500-660	1
R263	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135	1
R264	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135	1
R265	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135	1
R266	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135	1
R267	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135	1
R268	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135	1
R269	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135	1
R270	220 Ohm 5% 0,1W 0805	Philips	2322 730 61221	40-22200-111	1
R271	82 Ohm 5% 0,1W 0805	Philips	2322 730 61829	40-18200-111	1
R272	560 Ohm 5% 0,1W 0805	Philips	2322 730 61561	40-25600-111	1
R273	Pot,10k Lin MG Trim SMD	Bourns	3314 J-1-103	42-41004-000	1
R274	100 Ohm 5% 0,1W 0805	Philips	2322 730 61101	40-21000-111	1
R275	100 Ohm 5% 0,1W 0805	Philips	2322 730 61101	40-21000-111	1
R276	Not Fitted	Codan	**--00000-001	99-00000-001	1
R277	3,3 Ohm 5% 0,1W 0805	Philips	2322 730 61338	40-03300-111	1
R278	Not Fitted	Codan	**--00000-001	99-00000-001	1
R279	Not Fitted	Codan	**--00000-001	99-00000-001	1
R280	100 Ohm 5% 0,1W 0805	Philips	2322 730 61101	40-21000-111	1
R281	1k Ohm 5% 0,1W 0805	Philips	2322-730-61102	40-31000-111	1
R282	Not Fitted	Codan	**--00000-001	99-00000-001	1
T200	Transformer, Input	Protran	44-80283	44-80283	1
T201	Transformer, Pre-driver I/P	Protran	44-80284	44-80284	1
T202	Transformer, Pre-Driver	Codan	44-80318	44-80318	1
T203	Driver Transformer	Protran	44-80279	44-80279	1
T204	Output Transformer	Protran	44-80277	44-80277	1
V200	Transistor, NPN Si 18V 0,15A 4GHz SOT89	Philips	BFQ18A	BFQ18A	1
V201	Transistor, NPN Si 18V 0,15A 4GHz SOT89	Philips	BFQ18A	BFQ18A	1
V202	JFET, N Channel SOT23	Philips	PMBFJ309-215	PMBFJ309	1
V203	JFET, N Channel SOT23	Philips	PMBFJ309-215	PMBFJ309	1
V204	Transistor, NPN Si 40V 100mA 1,2W SOT89	Philips	PXT3904	PXT3904	1
V205	Transistor, NPN Si 40V 100mA 1,2W SOT89	Philips	PXT3904	PXT3904	1
V207	FET, RF Power, 6W	Mitsubishi	RD06HVF1-101	RD06HVF1	1
V208	FET, RF Power, 6W	Mitsubishi	RD06HVF1-101	RD06HVF1	1
V209	Transistor, NPN Si SOT23	Philips	BC847	BC847	1
V210	Transistor, NPN Si SOT23	Philips	BC847	BC847	1
V211	Transistor, RF Power HF	Microsemi	MS1253-CDN	MS1253-CDN	1
V212	Transistor, RF Power HF	Microsemi	MS1253-CDN	MS1253-CDN	1
V213	Transistor, Darlington NPN Si	Philips	BD675	BD675	1
V215	Transistor, PNP Si SOT23	Philips	BC856	BC856	1
V216	Transistor, PNP Si SOT23	Philips	BC856	BC856	1
V217	Transistor, PNP Si SOT89	Philips	BC869	BC869	1