

AMPLEON



Short Form Catalog

RF Power Solutions for

Broadcast
Industrial, Scientific and Medical
Aerospace & Defense
Cooking and Defrosting



July 2020

The Leading Global Partner in **RF** Power

This catalog is designed to give you an updated overview of our wide range of multi-market RF Power amplifiers targeting broadcast, industrial, scientific, medical, heating, non-cellular communication as well as aerospace and defense applications.

With brand new products constantly emerging, we continue supporting customer needs for current and future applications and ensuring business continuity with successor products.

Highlights of this catalog include:

- The new UHF-TV LDMOS broadcast amplifiers BLF989 and BLF989E addressing the demands for higher efficiency and larger bandwidth coverage
- The new line of 65 and 50 Volts Advanced Rugged Transistors (ART) designed to unlock so far untapped levels of 200 Volts breakdown voltages in ceramic and plastic packages
- Next-generation discrete wideband LDMOS amplifiers and drivers such as the BLF978P and the BLF974P (successor to the BLF578 and BLF574) as well as the recently introduced 13.6 Volts BLP5LA55S and BLP9LA25S transistors
- Latest industry leading pallets and transistors tailored for plasma generation and heating applications at 915 MHz (BPF0910H9X600) and 2.4 GHz (BLP2425M10S250P)
- Latest UHF, Avionics, L-band and S-band LDMOS transistors for radar applications enabling best-in-class efficiency figures at a well optimized cost structure

All new products are based upon 9th generation technology and beyond, exploiting the highest quality and reliability standards from our own factories as well as qualified outside vendors.

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Discrete Wideband LDMOS Amplifiers

Frequency (MHz)	Type Number	Technology	Package Type	Package	$P_{L(1dB)}$ (W)	V_{DS} (V)	η_D (%)	G_B (dB)	Recommended Driver	Replacement for	Status
433	BLP05H9S500P	Gen9 - LDMOS	OMP	OMP-780-4F-1	500	50	75	25.3	BLP10H605		Production
1-700	BLF978P	Gen9 LDMOS	ACC	SOT539A	1200	50	80	25.5	BLP15H9S30	BLF578 BLF178P	Production
1-700	BLF974	Gen9 LDMOS	ACC	SOT539A	500	50	77	25.3	BLP15H9S10	BLF574	Production
1-1500	BLP15H9S10	Gen9 LDMOS	OMP	SOT1482-1	10	50	65	21		BLP10H610	Coming soon
1-1500	BLP15H9S10G	Gen9 LDMOS	OMP	SOT1483-1	10	50	65	21		BLP10H610	Coming soon
1-1500	BLP15H9S30	Gen9 LDMOS	OMP	SOT1482-1	30	50	65	21		BLP10H630P	Coming soon
1-1500	BLP15H9S30G	Gen9 LDMOS	OMP	SOT1483-1	30	50	65	21		BLP10H630PG	Production
1-1500	BLP15H9S100	Gen9 LDMOS	OMP	SOT1482-1	100	50	62	20		BLP10H690P BLP10H6120P	Coming soon
1-1500	BLP15H9S100G	Gen9 LDMOS	OMP	SOT1483-1	100	50	62	20		BLP10H690PG BLP10H6120P	Production
1-1500	BLP15M9S30	Gen9 LDMOS	OMP	SOT1482-1	30	32	72	19.3		BLF642	Production
1-1500	BLP15M9S30G	Gen9 LDMOS	OMP	SOT1483-1	30	32	72	19.3		BLF642	Production
1-2700	BLP0427M9S20	Gen9 LDMOS	OMP	SOT1482-1	20	28	63	19			Production
1-2700	BLP0427M9S20G	Gen9 LDMOS	OMP	SOT1483-1	20	28	63	19			Production
1-1500	BLP15M9S70	Gen9 LDMOS	OMP	SOT1482-1	70	32	70	17.6		BLF644P	Production
1-1500	BLP15M9S70G	Gen9 LDMOS	OMP	SOT1483-1	70	32	70	17.6		BLF644P	Production
1-1500	BLP15M9S100	Gen9 LDMOS	OMP	SOT1482-1	100	32	68	16		BLF645	Coming soon
1-1500	BLP15M9S100G	Gen9 LDMOS	OMP	SOT1483-1	100	32	68	16		BLF645	Coming soon
1-941	BLP5LA55S	Gen9 LDMOS	OMP	SOT1482-1	55	13.6	78.5	19.2			Coming soon
1-941	BLP9LA25S	Gen9 LDMOS	OMP	SOT1482-1	25	13.6	72	18.4			Production
1-941	BLP9LA25SG	Gen9 LDMOS	OMP	SOT1483-1	25	13.6	72	18.4			Production
1-2700	BLP27M810	Gen8 LDMOS	OMP	SOT1371-1	10	32	50.6	18.4			Production
1-3500	BLP35M805	Gen8 LDMOS	OMP	SOT1371-1	5	32	50	20			Production
1-1500	BLP15M7160P	Gen7 LDMOS	OMP	SOT1223-2	160	28	59.7	19.4	BLP27M810		Production
1-1500	BLF647P	Gen7 LDMOS	ACC	SOT1121A	200	32	70	18	BLP27M810		Production
1-1400	BLP10H603	Gen6 LDMOS	OMP	SOT1352-1	2.5	50	62	22.8			Production
1-1400	BLP10H605	Gen6 LDMOS	OMP	SOT1352-1	5	50	59.6	22.4			Production
1-1400	BLP10H610	Gen6 LDMOS	OMP	SOT1352-1	10	50	60	22			Production
1-500	BLF571	Gen6 LDMOS	ACC	SOT467C	20	50	70	27.5			Production
1-500	BLF573	Gen6 LDMOS	ACC	SOT502A	300	50	70	27.2	BLP10H603		Production
1-500	BLF573S	Gen6 LDMOS	ACC	SOT502B	300	50	70	27.2	BLP10H603		Production
1-1300	BLF644P	Gen6 LDMOS	ACC	SOT1228A	70	32	66	23.5	BLP27M810		Production
1-1400	BLF642	Gen6 LDMOS	ACC	SOT467C	35	32	63	19	BLP35M805		Production
1-1400	BLF645	Gen6 LDMOS	ACC	SOT540A	100	32	56	18	BLP27M810		Production

Bold = NEW

Discrete Wideband GaN Amplifiers*

Frequency (MHz)	Type Number	Technology	Package Type	Package	$P_{L(1dB)}$ (W)	V_{DS} (V)	η_D (%)	G_B (dB)	Recommended Driver	Replacement for	Status
1-3500	CLF1G0035-100P	Gen1 GaN	ACC	SOT1228A	100	50	54.4	14.4	CLF1G0060-10		Production
1-3500	CLF1G0035-200P	Gen1 GaN	ACC	SOT1228A	200	50	51	13	CLF1G0060-30		Production
1-3500	CLF1G0035S-100P	Gen1 GaN	ACC	SOT1228B	100	50	54	14.4	CLF1G0060-10		Production
1-3500	CLF1G0035S-200P	Gen1 GaN	ACC	SOT1228B	200	50	51	13	CLF1G0060-30		Production
1-6000	CLF1G0060S-10	Gen1 GaN	ACC	SOT1227B	10	50	33.2	17			Production
1-6000	CLF1G0060S-30	Gen1 GaN	ACC	SOT1227B	30	50	59	15.9			Production
1-6000	CLF1G0060-10	Gen1 GaN	ACC	SOT1227A	10	50	33.2	17			Production
1-6000	CLF1G0060-30	Gen1 GaN	ACC	SOT1227A	30	50	59	15.9			Production
1-3500	CLF1G0035-100	Gen1 GaN	ACC	SOT467C	100	50	59.5	13.9	CLF1G0060-10		Production
1-3500	CLF1G0035S-100	Gen1 GaN	ACC	SOT467B	100	50	59.5	13.9	CLF1G0060-10		Production
1-3500	CLF1G0035-50	Gen1 GaN	ACC	SOT467C	50	50	49	13	CLF1G0060-10		Production
1-3500	CLF1G0035S-50	Gen1 GaN	ACC	SOT467B	50	50	49	13	CLF1G0060-10		Production

* Gen3 GaN discrete amplifiers are currently sampling. Please check with your local sales representative for replacement of the Gen1 GaN series. Release is planned in the second half of 2020

Extremely Rugged LDMOS Amplifiers

Frequency (MHz)	Type Number	Technology	Package Type	Package	$P_{L(1dB)}$ (W)	V_{DS} (V)	η_D (%)	G_B (dB)	Recommended Driver	Replacement for	Status
1-600	ART1K6FH	ART LDMOS	ACC	SOT539A	1600	55	77	29	ART35FE BLP15H9S10	BLF188XR BLF189XRA	Coming soon
1-600	ART1K6PH	ART LDMOS	OMP	OMP-1230-4F-1	1600	55	77	29	ART35FE BLP15H9S10	BLF188XRS	Coming soon
1-600	ART1K6PHG	ART LDMOS	OMP	OMP-1230-4G-1	1600	55	77	29	ART35FE BLP15H9S10	BLF188XRG	Coming soon
1-600	ART2K0FE	ART LDMOS	ACC	SOT539AN	2000	65	78	27	ART35FE ART150FE		Production
1-600	ART2K0PE	ART LDMOS	OMP	OMP-1230-4F-1	2000	65	78	27	ART35FE ART150FE		Production
1-600	ART2K0PEG	ART LDMOS	OMP	OMP-1230-4G-1	2000	65	78	27	ART35FE ART150FE		Coming soon
1-600	ART150FE	ART LDMOS	ACC	SOT467C	150	65	74.6	30.6		BLF177	Coming soon
1-600	ART35FE	ART LDMOS	ACC	SOT467C	35	65	72	30.4			Coming soon
1-500	BLF189XRA	XR LDMOS	ACC	SOT539A	1700	50	74	26.2	BLP15H9S10		Production
1-500	BLF189XRAS	XR LDMOS	ACC	SOT539B	1700	50	74	26.2	BLP15H9S10		Production
1-150	BLF189XRB	XR LDMOS	ACC	SOT539A	1900	50	72.5	26	BLP15H9S10		Production
1-150	BLF189XRBS	XR LDMOS	ACC	SOT539B	1900	50	72.5	26	BLP15H9S10		Production
1-600	BLP05H6700XR	XR LDMOS	OMP	SOT1138-3	700	50	75	26	BLP10H605		Production
1-600	BLP05H6700XRG	XR LDMOS	OMP	SOT1204-3	700	50	75	26	BLP10H605		Production
1-600	BLP05H6350XR	XR LDMOS	OMP	SOT1223-2	350	50	75	27.5	BLP10H605		Production
1-600	BLP05H6350XRG	XR LDMOS	OMP	SOT1224-2	350	50	75	27.5	BLP10H605		Production
1-600	BLP05H6150XR	XR LDMOS	OMP	SOT1223-2	150	50	75	27	BLP10H603		Production

Bold = NEW

Extremely Rugged LDMOS Amplifiers (continued)

Frequency (MHz)	Type Number	Technology	Package Type	Package	$P_{L(1dB)}$ (W)	V_{DS} (V)	η_D (%)	G_B (dB)	Recommended Driver	Replacement for	Status
1-600	BLP05H6150XRG	XR LDMOS	OMP	SOT1224-2	150	50	75	27	BLP10H603		Production
1-600	BLP05H635XR	XR LDMOS	OMP	SOT1223-2	35	50	75	27			Production
1-600	BLP05H635XRG	XR LDMOS	OMP	SOT1224-2	35	50	75	27			Production
1-600	BLP05H675XR	XR LDMOS	OMP	SOT1223-2	75	50	75	27	BLP10H603		Production
1-600	BLF183XR	XR LDMOS	ACC	SOT1121A	350	50	75	28	BLP10H603		Production
1-600	BLF183XRS	XR LDMOS	ACC	SOT1121B	350	50	75	28	BLP10H603		Production
1-600	BLF184XR	XR LDMOS	ACC	SOT1214A	700	50	73.5	23.9	BLP10H605	BLF174XR BLF574XR	Production
1-600	BLF184XRS	XR LDMOS	ACC	SOT1214B	700	50	73.5	23.9	BLP10H605	BLF174XRS BLF574XRS	Production
1-600	BLF184XRG	XR LDMOS	ACC	SOT1214C	700	50	73.5	23.9	BLP10H605		Production
1-600	BLF188XR	XR LDMOS	ACC	SOT539A	1400	50	73	24.4	BLP15H9S10	BLF178XR BLF578XR	Production
1-600	BLF188XRS	XR LDMOS	ACC	SOT539B	1400	50	73	24.4	BLP15H9S10	BLF178XRS BLF578XRS	Production
1-600	BLF188XRG	XR LDMOS	ACC	SOT1248C	1400	50	73	24.4	BLP15H9S10		Production

UHF Broadcast Amplifiers

Frequency (MHz)	Type Number	Technology	Package Type	Package	$P_{L(1dB)}$ (W)	V_{DS} (V)	η_D (%)	G_B (dB)	Recommended Driver	Replacement for	Status
470-860	BLP0408H9S30	Gen9 - LDMOS	OMP	SOT1482-1	30 / 30*	50	32	20			Production
470-860	BLF989	Gen9 - LDMOS	ACC	SOT539A	900 / 200*	50	53	19	BLP0408H9S30	BLF888x BLF898	Production
470-860	BLF989S	Gen9 - LDMOS	ACC	SOT539B	900 / 200*	50	53	19	BLP0408H9S30	BLF888xS BLF898S	Production
470-860	BLF989E	Gen9 - LDMOS	ACC	SOT539A	1000 / 180*	50	52	18	BLP0408H9S30	BLF888E	Production
470-860	BLF989ES	Gen9 - LDMOS	ACC	SOT539B	1000 / 180*	50	52	18	BLP0408H9S30	BLF888ES	Production
470-860	BLF984PS	Gen9 - LDMOS	ACC	SOT1121B	450 / 80*	50	34	22	BLP15H9S10	BLF884PS	Production
470-860	BLF984P	Gen9 - LDMOS	ACC	SOT1121A	450 / 80*	50	34	22	BLP15H9S10	BLF884P	Production
470-860	BLF882	Gen6 - LDMOS	ACC	SOT502A	200 / 33*	50	63	20.6	BLP10H605		Production
470-860	BLF882S	Gen6 - LDMOS	ACC	SOT502B	200 / 33*	50	63	20.6	BLP10H605		Production
470-860	BLF881	Gen6 - LDMOS	ACC	SOT467C	140 / 33*	50	49	21	BLP10H605		Production
470-860	BLF881S	Gen6 - LDMOS	ACC	SOT467B	140 / 33*	50	49	21	BLP10H605		Production

* $P_{L(AV)}$ (W)

Amplifiers Matched for Industrial, Scientific, Medical and Heating Applications

Frequency (MHz)	Type Number	Technology	Package Type	Package	$P_{L(1dB)}$ (W)	V_{DS} (V)	η_D (%)	G_B (dB)	Recommended Driver	Replacement for	Status
433	BLP05H9S500P	Gen9 - LDMOS	OMP	OMP-780-4F-1	500	50	75	25.3	BLP10H605		Production
433	BLP05M7200	Gen7 - LDMOS	OMP	SOT1138-2	200	28	77	21	BLP35M805		Production
433	BLC10M6XS200	Gen6 - LDMOS	ACP	SOT1270-1	200	28	80	21	BLP35M805		Production
433	BPC10M6X2S200	Gen6 - LDMOS	50Ω I/O Pallet	125x33 mm ² PCB	200	28		38			Production

Bold = NEW

Amplifiers Matched for Industrial, Scientific, Medical and Heating Applications (continued)

Frequency (MHz)	Type Number	Technology	Package Type	Package	$P_{L(1dB)}$ (W)	V_{DS} (V)	η_D (%)	G_D (dB)	Recommended Driver	Replacement for	Status
915	BLF0910H9LS750P	Gen9 - LDMOS	ACC	SOT539B	750	50	72.5	21.5	BLP10H610		Production
915	BLF0910H9LS600	Gen9 - LDMOS	ACC	SOT502B	600	50	68.5	19.8	BLP10H610	BLF0910H6L500	Production
915	BPF0910H9X600	Gen9 - LDMOS	50Ω I/O Pallet	92x60 mm ² PCB	600	50	68	18	BLP15H9S10		Production
1300	BLF13H9L750P	Gen9 - LDMOS	ACC	SOT539A	750	50	62.5	17	BLP15H9S30		Production
1300	BLF13H9LS750P	Gen9 - LDMOS	ACC	SOT539B	750	50	62.5	17	BLP15H9S30		Production
2450	BLF2425M9L30	Gen9 - LDMOS	ACC	SOT1135A	30	32	61	18.5	BLP27M810		Production
2450	BLF2425M9LS30	Gen9 - LDMOS	ACC	SOT1135B	30	32	61	18.5	BLP25RFE001		Production
2450	BLF2425M9LS140	Gen9 - LDMOS	ACC	SOT502B	140	28	58	19	BLP35M805		Production
2450	BLM2425M7S60P	Gen7 - LDMOS	OMP	SOT1211-3	60	32	45	27.5	BLP25RFE001		Production
2450	BLC2425M10LS500P	Gen10 - LDMOS	ACP	SOT1250-1	500	32	67.5	15	BLM2425M7S60P		Production
2450	BLC2425M10LS250	Gen10 - LDMOS	ACP	SOT1270-1	250	32	68.5	15.2	BLM2425M9S20	BLC2425M8LS300P BLF2425M7LS250P	Production
2450	BLM2425M9S20	Gen9 - LDMOS	OMP	OMP-400-8G-1	20	32	50	27	BLP25RFE001		Coming soon
2450	BLP2425M10S250P	Gen10 - LDMOS	OMP	OMP-780-4F-1	250	32	67.5	15.2	BLM2425M9S20		Production
2450	BPC2425M9X2S250-1	Gen9 - LDMOS	50Ω I/O Pallet	72x34 mm ² PCB	250	32	61	32	BLP25RFE001		Production
2450	BPC2425M7X60	Gen7 - LDMOS	50Ω I/O Pallet	72x34 mm ² PCB	60	32	42	26.5	BLP25RFE001		Production
2450	BPC2425M9X250	Gen9 - LDMOS	50Ω I/O Pallet	52x34 mm ² PCB	280	32	63	17.5	BLM2425M9S20		Production
433-2450	BLP25RFE001	SiGe	OMP	SOT993-3		3.3					Production

UHF and Avionics Pulsed Radar Amplifiers

Frequency (MHz)	Type Number	Technology	Package Type	Package	$P_{L(1dB)}$ (W)	V_{DS} (V)	η_D (%)	G_D (dB)	Recommended Driver	Replacement for	Status
400-800	BLU9H0408L-800P	Gen9 LDMOS	ACC	SOT539A	800	50	70	22	BLP0408HS30P		Production
900-930	BLA8H0910L-500	Gen6 LDMOS	ACC	SOT502A	500	50	62.5	19.5	BLP15H9S10	BLA6H1011-600	Production
900-930	BLA8H0910LS-500	Gen6 LDMOS	ACC	SOT502B	500	50	62.5	19.5	BLP15H9S10		Production
960-1215	BLA9H0912L-250G	Gen9 LDMOS	ACC	SOT502F	250	50	60	22	BLP10H605		Production
960-1215	BLA9H0912LS-250	Gen9 LDMOS	ACC	SOT502B	250	50	60	22	BLP10H605		Production
960-1215	BLA9H0912LS-250G	Gen9 LDMOS	ACC	SOT502E	250	50	60	22	BLP10H605		Production
960-1215	BLA9H0912L-250	Gen9 LDMOS	ACC	SOT502A	250	50	60	22	BLP10H605		Production
960-1215	BLA9H0912L-700G	Gen9 LDMOS	ACC	SOT502F	700	50	62	20	BLP15H9S10		Production
960-1215	BLA9H0912LS-700	Gen9 LDMOS	ACC	SOT502B	700	50	62	20	BLP15H9S10		Production
960-1215	BLA9H0912LS-700G	Gen9 LDMOS	ACC	SOT502E	700	50	62	20	BLP15H9S10		Production
960-1215	BLA9H0912L-700	Gen9 LDMOS	ACC	SOT502A	700	50	62	20	BLP15H9S10	BLA6H0912-500	Production
960-1215	BLA9H0912L-1200P	Gen9 LDMOS	ACC	SOT539A	1200	50	60	19	BLP15H9S30	BLA6H0912L-1000	Production
960-1215	BLA9H0912LS-1200P	Gen9 LDMOS	ACC	SOT539B	1200	50	60	19	BLP15H9S30	BLA6H0912LS-1000	Production
960-1215	BLM9H0912S-60PG	Gen9 LDMOS	OMP	OMP-780-16G-1	50	50	40	30			Coming soon

Bold = NEW

UHF and Avionics Pulsed Radar Amplifiers (continued)

Frequency (MHz)	Type Number	Technology	Package Type	Package	$P_{L(1dB)}$ (W)	V_{DS} (V)	η_D (%)	G_B (dB)	Recommended Driver	Replacement for	Status
1030-1090	BLA9G1011L-300	Gen9 LDMOS	ACC	SOT502A	317	32	64.8	21.5	BLP0427M9S20	BLA8G1011L-300 BLA6G1011-200R	Production
1030-1090	BLA9G1011L-300G	Gen9 LDMOS	ACC	SOT502F	317	32	64.8	21.5	BLP0427M9S20G	BLA8G1011L-300G BLA6G1011L-200RG	Production
1030-1090	BLA9G1011LS-300	Gen9 LDMOS	ACC	SOT502B	317	32	64.8	21.5	BLP0427M9S20	BLA8G1011LS-300	Production
1030-1090	BLA9G1011LS-300G	Gen9 LDMOS	ACC	SOT502E	317	32	64.8	21.5	BLP0427M9S20G	BLA8G1011LS-300G BLA6G1011LS-200RG	Production

L-band and S-band Pulsed Radar Amplifiers

Frequency (MHz)	Type Number	Technology	Package Type	Package	$P_{L(1dB)}$ (W)	V_{DS} (V)	η_D (%)	G_B (dB)	Recommended Driver	Replacement for	Status
500-1400	BLL8H0514L-130	Gen6 LDMOS	ACC	SOT1135A	130	50	50	17	BLP10H610	BLL6H0514L-130	Production
500-1400	BLL8H0514LS-130	Gen6 LDMOS	ACC	SOT1135B	130	50	50	17	BLP10H610	BLL6H0514LS-130	Production
1200-1400	BLL9G1214L-600	Gen9 LDMOS	ACC	SOT502A	600	32	60	19	BLP0427M9S20		Production
1200-1400	BLL9G1214LS-600	Gen9 LDMOS	ACC	SOT502B	600	32	60	19	BLP0427M9S20		Production
1200-1400	BLL8H1214L-250	Gen6 LDMOS	ACC	SOT502A	250	50	55	17	BLP15H9S30	BLL6H1214L-250	Production
1200-1400	BLL8H1214L-500	Gen6 LDMOS	ACC	SOT539A	500	50	50	17	BLP15H9S30	BLL6H1214-500	Production
1200-1400	BLL8H1214LS-250	Gen6 LDMOS	ACC	SOT502B	250	50	55	17	BLP15H9S30	BLL6H1214LS-250	Production
1200-1400	BLL8H1214LS-500	Gen6 LDMOS	ACC	SOT539B	500	50	50	17	BLP15H9S30	BLL6H1214LS-500	Production
2700-3500	BLS9G2735L-50	Gen9 LDMOS	ACC	SOT1135A	45	32	48	12	BLP35M805	BLS6G2735L-30	Production
2700-3500	BLS9G2735LS-50	Gen9 LDMOS	ACC	SOT1135B	45	32	48	12	BLP35M805	BLS6G2735LS-30	Production
2700-3100	BLSC9G2731XS-200	Gen9 LDMOS	ACP	SOT1270-1	200	32	45	14		BLS7G2730LS-200P	Production
2700-3100	BLS9G2731L-400	Gen9 LDMOS	ACC	SOT502A	400	32	47	13	BLS9G2735L-50	BLS8G2731L-400P	Production
2700-3100	BLS9G2731LS-400	Gen9 LDMOS	ACC	SOT502B	400	32	47	13	BLS9G2735LS-50	BLS8G2731LS-400P	Production
2700-2900	BLS9G2729L-350	Gen9 LDMOS	ACC	SOT502A	350	28	50	14	BLS9G2735L-50	BLS7G2729L-350P	Production
2700-2900	BLS9G2729LS-350	Gen9 LDMOS	ACC	SOT502B	350	28	50	14	BLS9G2735LS-50	BLS7G2729LS-350P	Production
2900-3400	BLS9G2934L-400	Gen9 LDMOS	ACC	SOT502A	400	32	43	12	BLS9G2735L-50		Production
2900-3400	BLS9G2934LS-400	Gen9 LDMOS	ACC	SOT502B	400	32	43	12	BLS9G2735LS-50		Production
2900-3300	BPS9G2933X-450	Gen9 LDMOS	50Ω I/O Pallet	55x35 mm ² PCB	450	32	43	12			Production
2900-3400	BPS9G2934X-400	Gen9 LDMOS	50Ω I/O Pallet	55x35 mm ² PCB	400	32	43	12			Production
3100-3500	BLS9G3135L-115	Gen9 LDMOS	ACC	SOT1135A	115	32	49	14		BLS6G3135-120	Production
3100-3500	BLS9G3135LS-115	Gen9 LDMOS	ACC	SOT1135B	115	32	49	14		BLS6G3135S-120	Production
3100-3500	BLS9G3135L-400	Gen9 LDMOS	ACC	SOT502A	400	32	43	12	BLS9G2735L-50	BLS7G3135L-350P	Production
3100-3500	BLS9G3135LS-400	Gen9 LDMOS	ACC	SOT502B	400	32	43	12	BLS9G2735LS-50	BLS7G3135LS-350P	Production

Bold = NEW

Package Portfolio

Air-Cavity Ceramic (ACC) Packages*



SOT467B
(9.7 x 5.8 x max. 4.7 (mm))



SOT467C
(20.3 x 5.8 x max. 4.7 (mm))



SOT502A
(34.0 x 9.8 x max. 4.7 (mm))



SOT502B
(20.6 x 9.8 x max. 4.7 (mm))



SOT502E
(20.6 x 9.8 x max. 4.7 (mm))



SOT502F
(34.0 x 9.8 x max. 4.7 (mm))



SOT539A
(41.2 x 10.2 x max. 4.7 (mm))



SOT539B
(32.3 x 10.2 x max. 4.7 (mm))



SOT540A
(34.0 x 9.8 x max. 5.8 (mm))



SOT1121A
(34.0 x 9.8 x max. 4.7 (mm))



SOT1121B
(20.6 x 9.8 x max. 4.7 (mm))



SOT1135A
(20.3 x 9.8 x max. 4.7 (mm))



SOT1135B
(9.8 x 9.8 x max. 4.7 (mm))



SOT1214A
(34.0 x 9.8 x max. 4.7 (mm))



SOT1214B
(20.6 x 9.8 x max. 4.7 (mm))



SOT1214C
(34.0 x 9.8 x max. 4.7 (mm))



SOT1227A
(14.0 x 4.1 x max. 3.7 (mm))



SOT1227B
(5.1 x 4.1 x max. 3.7 (mm))



SOT1228A
(29.0 x 5.8 x max. 5.2 (mm))



SOT1228B
(17.3 x 5.8 x max. 5.2 (mm))



SOT1248C
(32.3 x 10.2 x max. 5.5 (mm))

Overmolded Plastic (OMP) Packages*



OMP-400-8G-1
(10.3 x 10.3 x max. 4.0 (mm))



OMP-780-4F-1
(20.75 x 9.96 x max. 4.0 (mm))



OMP-780-16G-1
(20.75 x 9.96 x max. 4.0 (mm))



OMP-1230-4F-1
(32.43 x 9.96 x max. 4.0 (mm))



OMP-1230-4G-1
(32.43 x 9.96 x max. 4.0 (mm))



SOT993-3
(5.0 x 5.0 x max. 1.0 (mm))

* Not drawn to scale

Overmolded Plastic (OMP) Packages* (continued)



SOT1138-2
(20.6 x 10 x max. 3.9 (mm))



SOT1138-3
(20.75 x 9.96 x max. 4.0 (mm))



SOT1204-3
(20.75 x 9.96 x max. 4.0 (mm))



SOT1211-3
(20.75 x 9.96 x max. 4.0 (mm))



SOT1223-2
(20.6 x 10 x max. 3.9 (mm))



SOT1224-2
(20.6 x 10 x max. 3.9 (mm))



SOT1352-1
(6 x 5 x max. 1 (mm))



SOT1371-1
(6 x 4 x max. 1 (mm))



SOT1482-1
(10.67 x 6.1 x max. 2.0 (mm))



SOT1483-1
(10.67 x 6.1 x max. 2.0 (mm))

Air-Cavity Plastic (ACP) Packages*



SOT1250-1
(32.2 x 10.1 x max. 4.5 (mm))



SOT1270-1
(20.6 x 9.8 x max. 3.7 (mm))

Pallets and Modules*



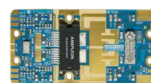
BPC10M6X2S200
125 x 33 mm² PCB



BPF0910H9X600
92 x 60 mm² PCB



BPC2425M9X2S250-1
72 x 34 mm² PCB



BPC2425M7X60
72 x 34 mm² PCB



BPC2425M9X250
52 x 34 mm² PCB



BPS9G2933X-450
55 x 35 mm² PCB



BPS9G2934X-400
55 x 35 mm² PCB

* Not drawn to scale

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