

Freq band (MHz)	PPEAK (dBm)	POUT-AVG (dBm)	VDS (V)	Gain (dB)	Drain efficiency (%)	Type	Main transistor	Peak transistor
2300 - 2400	53	45	28	15	42.3	SYM	1/2 BLF7G24LS-160P	1/2 BLF7G24LS-160P
2300 - 2400	54.1	47	28	15.5	45	SYM	BLF7G24LS-100	BLF7G24LS-100
2300 - 2400	56.2	48.5	30	15	40	SYM	BLF7G24LS-140	BLF7G24LS-140
2300 - 2400	56.8	48.5	30	15	42	ASYM	BLF7G24LS-100	BLF7G24LS-100 X2
2300 - 2400	55	47.5	28	15.2	44	ASYM	BLF7G24LS-100	BLF7G24LS-140
2300 - 2400	50.6	42	28	15.4	38.4	SYM	1/2 BLF7G27LS-90P	1/2 BLF7G27LS-90P
2300 - 2400	51.1	41.5	30	15.7	34.4	SYM	1/2 BLF7G27LS-90P	1/2 BLF7G27LS-90P
2300 - 2400	51.1	42.5	31	15.5	36.8	SYM	1/2 BLF7G27LS-90P	1/2 BLF7G27LS-90P
2300 - 2401	56.8	49	28	15.5	42.1	SYM	BLF8G24LS-200P	BLF8G24LS-200P
<b>2500 - 2700 MHz (WiMAX/LTE)</b>								
2620 - 2690	46.9	39	28	14.6	46.2	ASYM	BLF6G27-10G	1/2 BLF6G27LS-40P
2580 - 2620	48.2	40	28	14.4	41	SYM	1/2 BLF6G27LS-40P	1/2 BLF6G27LS-40P
2620 - 2690	48.2	40	28	14.6	44	SYM	1/2 BLF6G27LS-40P	1/2 BLF6G27LS-40P
2570 - 2620	49.5	42	28	15	43	SYM	1/2 BLF7G27L(S)-75P	1/2 BLF7G27L(S)-75P
2570 - 2620	49.8	42	28	13.9	39	SYM	1/2 BLF7G27LS-90PG	1/2 BLF7G27LS-90PG
2500 - 2700	50	42	28	15	37.5	SYM	BLF6G27S-45	BLF6G27S-45
2500 - 2700	50.3	42.3	28	14.5	39	SYM	1/2 BLF7G27LS-90P	1/2 BLF7G27LS-90P
2500 - 2600	52	44	28	14	40	ASYM	BLF6G27-45	2x BLF6G27-45
2600 - 2700	52	44	28	14	40	ASYM	BLF6G27-45	2x BLF6G27-45
2600 - 2700	52	44	28	14	40	ASYM	BLF6G27-45	BLF6G27(LS)-100
2500 - 2700	52.5	44.5	28	14	38	SYM	1/2 BLF7G27LS-150P	1/2 BLF7G27LS-150P
2570 - 2620	54.1	47	28	15.2	43	SYM	BLF7G27LS-100	BLF7G27LS-100
2530 - 2630	53	45	28	14	43	ASYM	BLF8G27LS160AV_main	BLF8G27LS160AV_peak
2500 - 2700	54	46	28	13	44.5	ASYM	BLF8G27LS-200AV_main	BLF8G27LS-200AV_peak
2620 - 2690	55.2	47.2	30	15	41	ASYM	BLF7G27LS-100	BLF7G27LS-140
2620 - 2690	57.5	48	28	13	37	ASYM	BLF8G27LS-140G	BLF8G27LS-140G x2
2545 - 2660	54	46.5	28	15.2	45	SYM	BLF8G27LS-100V	BLF8G27LS-100V
2570 - 2620	51.1	43	28	14.2	44.5	SYM	1/2BLF8G27LS-100P	1/2BLF8G27LS-100P
2570 - 2620	55.4	47	28	15	40.4	ASYM	BLF7G27LS-100	BLF7G27LS-140
2545 - 2575	55.3	47.5	28	15.4	43.7	ASYM	BLF7G27LS-100	BLF7G27LS-140
2620 - 2690	54.9	47	28	15.2	41.9	ASYM	BLF7G27LS-100	BLF7G27LS-140
2620 - 2690	55	47.5	30	15.7	43.5	ASYM	BLF7G27LS-100	BLF7G27LS-140
2570 - 2620	55.9	48	32	15.6	41	ASYM	BLF7G27LS-100	BLF7G27LS-140
2620 - 2690	56	48	32	15.6	40	ASYM	BLF7G27LS-100	BLF7G27LS-140
2545 - 2630	53.8	44.9	28	14.1	34.4	SYM	1/2 BLF7G27L-200PB	1/2 BLF7G27L-200PB
2620 - 2690	54.8	45	32	17	19	SYM	1/2 BLF7G27L-200PB	1/2 BLF7G27L-200PB
2620 - 2690	56.17	47.6	32	15.2	33	SYM	BLF7G27L-135	BLF7G27L-135
2620 - 2690	56.2	48	32	15.2	39.1	SYM	BLF8G27LS-140V	BLF8G27LS-140V
2496 - 2690	55.3	47	28	13.6	41.5	ASYM	BLF8G27LS-100GV	BLF8G27LS-150GV
2620 - 2690	58.8	50.2	29	13.4	42.5	ASYM	BLF8G27LS-200PGV	BLF8G27LS-200GV (2X)
<b>3300 - 3800 MHz (WiMAX)</b>								
3500 - 3700	52	45	28	10	30	ASYM	BLF6G38LS-50	BLF6G38LS-100
3400 - 3600	51	43	28	11.5	32	SYM	BLF6G38-50	BLF6G38-50
3400 - 3600	46	39	28	12.3	36	SYM	BLF6G38S-10G	BLF6G38S-10G

Products by function

### 3.7.1.9 Single Package Asymmetric Doherty (PAD) power transistors

Type	Product	f <sub>min</sub> (MHz)	f <sub>max</sub> (MHz)	P1dB (W)	Matching	VDS (V)	P <sub>L</sub> (W)	η <sub>o</sub> (%)	G <sub>o</sub> (dB)	Test signal	Package
BLC8G10LS-310AV*	ACP PAD	800	1000	310	I/O	28	tbd	tbd	tbd	2-c WCDMA	SOT1251
BLC8G10LS-450AV*	ACP PAD	800	1000	450	I/O	28	tbd	tbd	tbd	2-c WCDMA	SOT1251
BLC8G22LS-100AV*	ACP PAD	2000	2200	100	I/O	28	tbd	tbd	tbd	2-c WCDMA	SOT1275
BLP8G1822S-100A(G)W*	OMP PAD	1800	2200	100	I/O	28	tbd	tbd	tbd	2-c WCDMA	SOT1221
BLC8G21LS-160AV*	ACP PAD	2000	2100	160	I/O	28	22	47	15	2-c WCDMA	SOT1275
BLP8G1822S-160A(G)W*	OMP PAD	1800	2200	160	I/O	28	tbd	tbd	tbd	2-c WCDMA	SOT1221
BLP8G1822S-210A(G)W*	OMP PAD	1800	2200	210	I/O	28	tbd	tbd	tbd	2-c WCDMA	SOT1221
BLF8G20LS-260A	Ceramic PAD	1800	1900	260	I/O	28	50	44	15.5	2-c WCDMA	SOT1121
BLC8G20LS-310AV*	ACP PAD	1800	1900	310	I/O	28	56	45	17	2-c WCDMA	SOT1251
BLC8G22LS-360AV*	ACP PAD	2100	2200	360	I/O	28	tbd	tbd	tbd	2-c WCDMA	SOT1251
BLC8G20LS-360AV*	ACP PAD	1800	1900	400	I/O	28	tbd	tbd	tbd	2-c WCDMA	SOT1251
BLC8G20LS-400AV*	ACP PAD	1800	1900	400	I/O	32	85	45	14.9	2-c WCDMA	SOT1258
BLC8G22LS-450AV*	ACP PAD	2100	2200	450	I/O	30	83	45	14.5	2-c WCDMA	SOT1258
BLC8G27LS-60AV*	ACP PAD	2500	2700	60	I/O	28	9	50	16	2-c WCDMA	SOT1275
BLC8G27LS-100AV*	ACP PAD	2500	2700	100	I/O	28	17	45	15.5	2-c WCDMA	SOT1275
BLC8G27LS-140AV*	ACP PAD	2500	2700	140	I/O	28	28	44	14.5	2-c WCDMA	SOT1275
BLC8G27LS-160AV	ACP PAD	2500	2700	160	I/O	28	30	29	18	2-c WCDMA	SOT1275
BLC9G27LS-150AV*	ACP PAD	2500	2700	160	I/O	28	28.2	45	14.5	2-c WCDMA	SOT1275
BLC8G27LS-180AV*	ACP PAD	2500	2700	180	I/O	28	32	43	14.3	2-c WCDMA	SOT1275
BLC8G27LS-200AV*	ACP PAD	2500	2700	200	I/O	28	40	43	13.5	2-c WCDMA	SOT1275
BLC8G24LS-240AV*	ACP PAD	2300	2400	240	I/O	28	63	29	18	2-c WCDMA	SOT1252
BLC8G27LS-240AV*	ACP PAD	2500	2700	240	I/O	28	56	45	15.5	2-c WCDMA	SOT1252

**Bold** = highly recommended product

\* Check status in section 3.1, as this type is not yet released for mass production