

| 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 |
| 2500 - 2700 MHz (WiMAX/LTE) | | | | | | | | |
| 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) |
| 3300 - 3800 MHz (WiMAX) | | | | | | | | |
| 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 _{min} (MHz) | f _{max} (MHz) | P1dB (W) | Matching | VDS (V) | P _L (W) | η _o (%) | G _o (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