

4. SILICON PNP - LOW POWER TRANSISTORS

IN ORDER OF (1) MAX COLLECTOR DISSIPATION
(2) fab & (3) TYPE No.

| LINE No. | TYPE No. | 1 MAX. COLL. DISS. @25°C (W) | 2 DERATE IN FREE AIR W/°C (Hz) | T M A M P X | ABS MAX RATINGS @25°C | | | | TYPICAL h PARAMETERS | | | | | | | | | | Cob (F) | STRUC-TURE | DWG #/s/a TO200 Ser | # L C O A D E |
|----------|----------|------------------------------|--------------------------------|-------------|-----------------------|----------------|-----------|----------------|----------------------|----------------|--------|----------------|------------|----------------|--------------|------|----|----|---------|------------|---------------------|---------------|
| | | | | | BVcbo (V) | BVceo (V) | BVebo (V) | Ic (A) | Icbo @MAX Vcb (A) | Vcb (V) | Ie (A) | hfe | hoe (mhos) | hie (Ω) | hre (X.0001) | | | | | | | |
| | | | | | BIAS | COMMON EMITTER | BIAS | COMMON EMITTER | BIAS | COMMON EMITTER | BIAS | COMMON EMITTER | BIAS | COMMON EMITTER | | | | | | | | |
| 1# | BC178C | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 40n | 5.0 | 2.0m | 500 | 18u | 1.6kΔ | 1.5 | 4.5p | PE | PL | TO18 | A | | |
| 2# | BC178P | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 40n | 5.0 | 2.0m | 120 | 18u | 2.7k | 1.5 | 4.5p | PL | PL | TO18 | A | | |
| 3# | BC178PA | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 170 | 18u | 2.7k | 1.5 | 4.5p | PL | PL | B68 | A | | |
| 4# | BC178PAK | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 170 | 18u | 2.7k | 1.5 | 4.5p | PL | PL | B58 | A | | |
| 5# | BC178PAL | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 170 | 18u | 2.7k | 1.5 | 4.5p | PL | PL | B58 | A | | |
| 6# | BC178PAM | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 170 | 18u | 2.7k | 1.5 | 4.5p | PL | PL | B58 | A | | |
| 7# | BC178PB | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 35u | 4.5k | 2.0 | 4.5p | PL | PL | B58 | A | | |
| 8# | BC178PBK | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 35u | 4.5k | 2.0 | 4.5p | PL | PL | B58 | A | | |
| 9# | BC178PBL | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 35u | 4.5k | 2.0 | 4.5p | PL | PL | B58 | A | | |
| 10# | BC178PBM | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 35u | 4.5k | 2.0 | 4.5p | PL | PL | B58 | A | | |
| 11# | BC178PC | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 4.5p | PL | PL | B58 | A | | |
| 12# | BC178PCK | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 4.5p | PL | PL | B58 | A | | |
| 13# | BC178PCL | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 4.5p | PL | PL | B58 | A | | |
| 14# | BC178PCM | 300m | 130M | 2.0m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 4.5p | PL | PL | B58 | A | | |
| 15# | BC179B# | 300m | 130M | 2.0m | 30 | 20 | 5.0 | 50m | 100n | 5.0 | 2.0m | 530 | 30u | 4.5k | 2.0 | 4.5p | PL | PL | TO18 | A | | |
| 16# | BC179C | 300m | 130M | 2.0m | 30 | 20 | 5.0 | 50m | 40n | 5.0 | 2.0m | 500 | 35u | 4.5k | 2.0 | 4.5p | PL | PL | B58 | A | | |
| 17# | BC179PB | 300m | 130M | 2.0m | 30 | 20 | 5.0 | 50m | 100n | 5.0 | 2.0m | 290 | 35u | 4.5k | 2.0 | 4.5p | PL | PL | B58 | A | | |
| 18# | BC179PBK | 300m | 130M | 2.0m | 30 | 20 | 5.0 | 50m | 100n | 5.0 | 2.0m | 290 | 35u | 4.5k | 2.0 | 4.5p | PL | PL | B58 | A | | |
| 19# | BC179PBL | 300m | 130M | 2.0m | 30 | 20 | 5.0 | 50m | 100n | 5.0 | 2.0m | 290 | 35u | 4.5k | 2.0 | 4.5p | PL | PL | B58 | A | | |
| 20# | BC179PBM | 300m | 130M | 2.0m | 30 | 20 | 5.0 | 50m | 100n | 5.0 | 2.0m | 290 | 35u | 4.5k | 2.0 | 4.5p | PL | PL | B58 | A | | |
| 21# | BC179PC | 300m | 130M | 2.0m | 30 | 20 | 5.0 | 50m | 100n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 4.5p | PL | PL | B58 | A | | |
| 22# | BC179PCK | 300m | 130M | 2.0m | 30 | 20 | 5.0 | 50m | 100n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 4.5p | PL | PL | B58 | A | | |
| 23# | BC179PCL | 300m | 130M | 2.0m | 30 | 20 | 5.0 | 50m | 100n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 4.5p | PL | PL | B58 | A | | |
| 24# | BC179PCM | 300m | 130M | 2.0m | 30 | 20 | 5.0 | 50m | 100n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 4.5p | PL | PL | B58 | A | | |
| 25# | BC257 | 300m | 130M | 2.2m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 250 | 50u | 4.5k | 3.0p | 7.0p | PE | PL | TO92 | B | | |
| 26# | BC257A | 300m | 130M | 2.4m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 180 | 25u | 2.7k | 3.0 | 7.0p | PE | PL | TO92 | B | | |
| 27# | BC257B | 300m | 130M | 2.4m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 35u | 4.5k | 3.5 | 6.0p | PE | PL | TO92 | D | | |
| 28# | BC257VI | 300m | 130M | 2.4m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 100 | 20u | 1.2k | 2.5 | 7.0p | PE | PL | TO92 | B | | |
| 29# | BC258 | 300m | 130M | 2.2m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 180 | 25u | 2.7k | 3.0 | 7.0p | PE | PL | TO92 | B | | |
| 30# | BC258A | 300m | 130M | 2.4m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 180 | 25u | 2.7k | 3.0 | 7.0p | PE | PL | TO92 | B | | |
| 31# | BC258B | 300m | 130M | 2.4m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 300 | 35u | 4.5k | 3.5 | 7.0p | PE | PL | TO92 | B | | |
| 32# | BC258C | 300m | 130M | 2.4m | 30 | 25 | 5.0 | 100m | 40n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 7.0p | PE | PL | S1 | A | | |
| 33# | BC258VI | 300m | 130M | 2.4m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 100 | 20u | 1.2k | 2.5 | 7.0p | PE | PL | TO92 | B | | |
| 34# | BC259 | 300m | 130M | 2.2m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 500 | 70u | 8.0k | 3.5 | 7.0p | PE | PL | TO92 | B | | |
| 35# | BC259A | 300m | 130M | 2.4m | 30 | 25 | 5.0 | 50m | 100n | 5.0 | 2.0m | 180 | 25u | 2.7k | 3.0 | 7.0p | PE | PL | TO92 | B | | |
| 36# | BC259B | 300m | 130M | 2.4m | 30 | 25 | 5.0 | 50m | 100n | 5.0 | 2.0m | 300 | 35u | 4.5k | 3.5 | 7.0p | PE | PL | TO92 | B | | |
| 37# | BC262 | 300m | 130M | 2.0m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 125 | 25u | 2.7k | 3.0 | 7.0p | PE | PL | TO18 | A | | |
| 38# | BC307# | 300m | 130M | 2.2m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 222 | 25u | 2.7k | 1.5 | 7.0p | PE | PL | R204 | A | | |
| 39# | BC307A | 300m | 130M | 2.4m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 180 | 18u | 2.7k | 1.5 | 7.0p | PE | PL | R204 | A | | |
| 40# | BC307B | 300m | 130M | 2.4m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 30u | 4.5k | 2.0 | 6.0p | PE | PL | TO92 | A | | |
| 41# | BC307C | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 15n | 5.0 | 2.0m | 600 | 110u | 8.7k | 3.0 | 6.0p | PE | PL | TO92 | A | | |
| 42# | BC307PA | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 170 | 18u | 2.7k | 1.5 | 6.0p | PL | PL | B58 | A | | |
| 43# | BC307PAK | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 170 | 18u | 2.7k | 1.5 | 6.0p | PL | PL | B58 | A | | |
| 44# | BC307PAL | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 170 | 18u | 2.7k | 1.5 | 6.0p | PL | PL | B58 | A | | |
| 45# | BC307PAM | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 170 | 18u | 2.7k | 1.5 | 6.0p | PL | PL | B58 | A | | |
| 46# | BC307PB | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 30u | 4.5k | 2.0 | 6.0p | PL | PL | B58 | A | | |
| 47# | BC307PBK | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 30u | 4.5k | 2.0 | 6.0p | PL | PL | B58 | A | | |
| 48# | BC307PBL | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 30u | 4.5k | 2.0 | 6.0p | PL | PL | B58 | A | | |
| 49# | BC307PBM | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 30u | 4.5k | 2.0 | 6.0p | PL | PL | B58 | A | | |
| 50# | BC307PC | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 6.0p | PL | PL | B58 | A | | |
| 51# | BC307VI | 300m | 130M | 2.4m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 100 | 20u | 1.2k | 2.5 | 7.0p | PE | PL | R204 | A | | |
| 52# | BC308# | 300m | 130M | 2.2m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 222 | 25u | 2.7k | 3.0 | 7.0p | PE | PL | R204 | A | | |
| 53# | BC308A | 300m | 130M | 2.4m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 6.0p | PE | PL | TO92 | A | | |
| 54# | BC308PA | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 170 | 18u | 2.7k | 1.5 | 6.0p | PL | PL | B58 | A | | |
| 55# | BC308PB | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 30u | 4.5k | 2.0 | 6.0p | PL | PL | B58 | A | | |
| 56# | BC308PBK | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0m | 290 | 30u | 4.5k | 2.0 | 6.0p | PL | PL | B58 | A | | |
| 57# | BC308PCK | 300m | 130M | 2.3m | 30 | 45 | 5.0 | 100m | 100n | 5.0 | 2.0 | 500 | 60u | 8.7k | 3.0 | 6.0p | PL | PL | B58 | A | | |
| 58# | BC308PCL | 300m | 130M | 2.4m | 30 | 25 | 5.0 | 100m | 100n | 5.0 | 2.0m | 100 | 20u | 1.2k | 2.5 | 7.0p | PE | PL | R204 | A | | |
| 59# | BC308PCM | 300m | 130M | 2.2m | 30 | 25 | 5.0 | 50m | 100n | 5.0 | 2.0m | 222 | 25u | 2.7k | 3.0 | 7.0p | PE | PL | R204 | A | | |
| 60# | BC309# | 300m | 130M | 2.4m | 30 | 20 | 5.0 | 50m | 50n | 5.0 | 2.0m | 500 | 60u | 8.7k | 3.0 | 6.0p | PE | PL | TO92 | A | | |
| 61# | BC309PB | 300m | 130M | 2.3m | 30 | | | | | | | | | | | | | | | | | |