

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 | ABS MAX RATINGS @ 25°C | | | | MAX. I _{cb} @ MAX V _{cb} (A) | TYPICAL h' PARAMETERS | | | Cob (F) | STRUC-TURE | DWG # Y200 s/a TO200 Ser. | # L E O D E | |
|----------|-----------|---------------------------------|-----------------------------|------------------------|----------------------|----------------------|---------------------|--|-----------------------|-----------------|------------------------|---------|------------|---------------------------|-------------|---------------------|
| | | | | BV _{cb} (V) | BV _{ce} (V) | BV _{eb} (V) | I _c (A) | | BIAS | | | | | | | |
| | | | | h _{FE} | h _{FE} | h _{FE} | V _{cb} (V) | | I _e (A) | h _{FE} | h _{oe} (mhos) | | | | | h _{ie} (Ω) |
| 1 | A5T3638† | 625m | 100mSΔ | 5.0m | 25 | 25 | 4.0 | 500m | 35nS | 100 | 10m | 25 | Δ | PE | R203 | A |
| 2 | A5T4026† | 625m | 100mSΔ | 5.0m | 60 | 60 | 5.0 | 1.0 | 50nS | 5.0 | 100m | 40 | Δ | PE | R203 | A |
| 3 | A5T4027† | 625m | 100mSΔ | 5.0m | 80 | 80 | 5.0 | 1.0 | 50nS | 5.0 | 100m | 40 | Δ | PE | R203 | A |
| 4 | A5T5221 | 625m | 100mSΔ | 5.0m | 15 | 15 | 3.0 | 500m | 100nS | 100 | 50m | 30 | Δ | PE | R203 | A |
| 5 | A5T5227 | 625m | 100mSΔ | 5.0m | 30 | 30 | 3.0 | 50m | 100nS | 100 | 2.0m | 50 | Δ | PE | R203 | A |
| 6 | A5T5400 | 625m | 100mSΔ | 5.0m | 130 | 120 | 5.0 | 600m | 100nS | 100 | 1.0m | 30 | Δ | PE | R203 | A |
| 7 | A5T5401 | 625m | 100mSΔ | 5.0m | 160 | 150 | 5.0 | 600m | 50nS | 100 | 1.0m | 40 | Δ | PE | R203 | A |
| 8 | A8T3702 | 625m | 100mSΔ | 5.0m | 40 | 25 | 5.0 | 200m | 100nS | 5.0 | 50m | 60 | Δ | PE | T092 | A |
| 9 | A8T3703 | 625m | 100mSΔ | 5.0m | 50 | 30 | 5.0 | 200m | 100nS | 5.0 | 50m | 30 | Δ | PE | T092 | A |
| 10 | A8T4026† | 625m | 100mSΔ | 5.0m | 60 | 60 | 5.0 | 1.0 | 50nS | 5.0 | 100m | 40 | Δ | PE | T092 | A |
| 11 | A8T4027† | 625m | 100mSΔ | 5.0m | 80 | 80 | 5.0 | 1.0 | 50nS | 5.0 | 100m | 40 | Δ | PE | T092 | A |
| 12 | BC231 | 625m | 100mSΔ | | | | | 400m | | -5 | -50m | 100 | Δ | | | B |
| 13 | BC327AP | 625m | 100mS | 5.0m | 45 | 45 | 5.0 | 800m | 100nS | 1.0 | 100m | 160 | † | PL1 | B58 | A |
| 14 | BC327BP | 625m | 100mS | 5.0m | 45 | 45 | 5.0 | 800m | 100nS | 1.0 | 100m | 250 | † | PL1 | B58 | A |
| 15 | BC327CP | 625m | 100mS | 5.0m | 45 | 45 | 5.0 | 800m | 100nS | 1.0 | 100m | 400 | † | PL1 | B58 | A |
| 16 | BC328AP | 625m | 100mS | 5.0m | 25 | 5.0 | 800m | 100nS | 1.0 | 100m | 160 | † | PL1 | B58 | A | |
| 17 | BC328BP | 625m | 100mS | 5.0m | 25 | 5.0 | 800m | 100nS | 1.0 | 100m | 250 | † | PL1 | B58 | A | |
| 18 | BC328CP | 625m | 100mS | 5.0m | 25 | 5.0 | 800m | 100nS | 1.0 | 100m | 400 | † | PL1 | B58 | A | |
| 19 | BC337-16# | 625m | 100mSΔ | | 45 | 45 | 5.0 | | 1.0 | 100m | 250 | † | | | F | |
| 20 | BC337-25# | 625m | 100mSΔ | | 45 | 45 | 5.0 | | 1.0 | 100m | 400 | † | | | F | |
| 21 | BC337-40# | 625m | 100mSΔ | | 45 | 45 | 5.0 | | 1.0 | 100m | 630 | † | | | F | |
| 22# | BC381 | 625m | 100mSΔ | | 25 | ♦ | | 200m | | 5.0 | 2.5m | 60 | Δ | | | F |
| 23# | BC432 | 625m | 100mS | | 60 | ♦ | | 800m | | 1.0 | 100m | 63 | Δ | | | F |
| 24# | BC446 | 625m | 100mSΔ | | 60 | ♦ | | 300m | | 5.0 | 2.0m | 50 | Δ* | | | F |
| 25 | BC526 | 625m | 100mSΔ | | -50 | | | 200m | | -5 | -2m | 60 | Δ | | | F |
| 26 | BC527 | 625m | 100mSΔ | | 60 | 60 | 6.0 | 1.0 | 100nS | 1.0 | 100m | 400 | † | | | F |
| 27# | BC528 | 625m | 100mSΔ | 5.0m | 80 | 80 | 6.0 | 1.0 | 100nS | 1.0 | 100m | 50 | † | PE | T092 | A |
| 28# | BCX75 | 625m | 100mSΔ | | 32 | ♦ | | 800m | | 1.0 | 100m | 100 | Δ* | | | F |
| 29# | BCX75-16† | 625m | 100mSΔ | 5.0m | 32 | ♦ | 5.0 | 800m | 20nS | 1.0 | 100m | 100 | Δ | PE1 | R204d | A |
| 30# | BCX75-25† | 625m | 100mSΔ | 5.0m | 32 | ♦ | 5.0 | 800m | 20nS | 1.0 | 100m | 160 | Δ | PE1 | R204d | A |
| 31# | BCX75-40† | 625m | 100mSΔ | 5.0m | 32 | ♦ | 5.0 | 800m | 20nS | 1.0 | 100m | 250 | Δ | PE1 | R204d | A |
| 32# | BCX76 | 625m | 100mSΔ | | 45 | ♦ | | 800m | | 1.0 | 100m | 100 | Δ* | | | F |
| 33# | BCX76-16 | 625m | 100mS | | 75 | ♦ | 5.0 | 800m | 20nS | 1.0 | 100m | 75 | † | EPLΔ | R224 | A |
| 34# | BCX76-25† | 625m | 100mSΔ | 5.0m | 45 | ♦ | 5.0 | 800m | 20nS | 1.0 | 100m | 160 | Δ | PE1 | R204d | A |
| 35# | BCX76-40† | 625m | 100mSΔ | 5.0m | 45 | ♦ | 5.0 | 800m | 20nS | 1.0 | 100m | 250 | Δ | PE1 | R204d | A |
| 36 | GES93 | 625m | 100mS | | 40 | 40 | 5.0 | 400m | 100nS | 2.0 | 50m | 100 | Δ | PE | T092 | A |
| 37 | MPS3638† | 625m | 100mSΔ | 5.0m | 25 | 25 | 4.0 | 500m | 35nS | 100 | 10m | 20 | Δ | DPE | T092 | A |
| 38 | MPS4354† | 625m | 100mS | 5.0m | 60 | 60 | 5.0 | 1.0 | 50u | 100 | 10u | 50 | Δ | AN | T092 | A |
| 39# | MPS4354 | 625m | 100mSΔ | | 60 | ♦ | | 1.0 | 100 | 100 | 10m | 50 | Δ | AN | T092 | A |
| 40 | MPS4355† | 625m | 100mSΔ | 5.0m | 60 | 60 | 5.0 | 1.0 | 50nS | 100 | 10m | 200 | Δ | AN | T092 | A |
| 41# | MPS4355 | 625m | 100mSΔ | | 60 | ♦ | | 1.0 | 100 | 100 | 10m | 100 | Δ | AN | T092 | A |
| 42 | MPS4356† | 625m | 100mS | 5.0m | 80 | 80 | 5.0 | 1.0 | 50u | 100 | 10u | 50 | Δ | AN | T092 | A |
| 43# | MPS4356 | 625m | 100mSΔ | | 80 | ♦ | | 1.0 | 100 | 100 | 10m | 50 | Δ | AN | T092 | A |
| 44 | MPS5142† | 625m | 100mSΔ | 5.0m | 20 | 20 | 4.0 | 500m | 50nS | 3.0 | 50m | 1.0 | Δ | | | F |
| 45 | MPS5143† | 625m | 100mSΔ | 5.0m | 20 | 20 | 4.0 | 500m | 50nS | 3.0 | 50m | 1.0 | Δ | | | F |
| 46 | MPS5855 | 625m | 100mSΔ | 5.0m | 60 | 60 | 5.0 | 1.0 | 100nS | 1.0 | 50m | 1.0 | Δ | | | F |
| 47 | MPS5857 | 625m | 100mSΔ | 5.0m | 60 | 60 | 5.0 | 1.0 | 100nS | 1.0 | 50m | 1.0 | Δ | | | F |
| 48 | MPSA55 | 625m | 100mSΔ | 5.0m | 60 | 60 | 4.0 | 500m | 100nS | 1.0 | 10m | 50 | Δ# | AN† | T092 | A |
| 49 | MPSA56 | 625m | 100mSΔ | 5.0m | 80 | 80 | 4.0 | 500m | 100nS | 1.0 | 10m | 50 | Δ# | AN† | T092 | A |
| 50 | PN5142 | 625m | 100mS | 5.0m | 20 | 20 | 4.0 | 500m | 50nS | 1.0 | 50m | 30 | † | | | F |
| 51 | PN5143 | 625m | 100mS | 5.0m | 20 | 20 | 4.0 | 500m | 50nS | 1.0 | 300m | 15 | † | | | F |
| 52# | TBC327 | 625m | 100mS | | 50 | 45 | 5.0 | 500m | 100nS | 1.0 | 100m | 600 | † | E | T092 | A |
| 53# | TBC328 | 625m | 100mS | | 30 | 25 | 5.0 | 500m | 100nS | 1.0 | 100m | 600 | † | E | T092 | A |
| 54 | TP5142 | 625m | 100mS | | 20 | 20 | 4.0 | 500m | 50nS | 1.0 | 50m | 30 | Δ | PE | T092 | A |
| 55# | 2SA922† | 625m | 120mS | 5.0m | 80 | 80 | 6.0 | 1.0 | 100nS | 2.0 | 100m | 150 | † | PE | R179e | A |
| 56# | BC727 | 625m | 120mS | 5.0m | 50 | 40 | 5.0 | 1.5 | 100nS | 1.0 | 500m | 63 | † | PE | T092 | A |
| 57 | BCX46† | 625m | 130mS | 5.0m | 45 | 45 | 5.0 | 1.0 | 100nS | 2.0 | 10m | 160 | † | AN | R210a | F |
| 58 | BCX48† | 625m | 130mS | 5.0m | 60 | 60 | 5.0 | 1.0 | 100nS | 2.0 | 10m | 160 | † | AN | R210a | F |
| 59 | BCX50† | 625m | 130mS | 5.0m | 80 | 80 | 5.0 | 1.0 | 100nS | 2.0 | 10m | 160 | † | AN | R210a | F |
| 60 | 2N6067† | 625m | 150mSΔ | 5.0m | 50 | 40 | 5.0 | 100m | 500nS | 1.0 | 10m | 40 | Δ | | | F |
| 61 | A5T3497† | 625m | 150mSΔ | 5.0m | 120 | 120 | 4.5 | 100m | 100nS | 100 | 10m | 40 | Δ | PE | R203 | A |
| 62 | A5T3638A1 | 625m | 150mSΔ | 5.0m | 25 | 25 | 4.0 | 500m | 35nS | 100 | 10m | 100 | Δ | PE | R203 | A |
| 63 | A5T4028† | 625m | 150mSΔ | 5.0m | 60 | 60 | 5.0 | 1.0 | 50nS | 5.0 | 100m | 100 | Δ | PE | R203 | A |
| 64 | A5T4029† | 625m | 150mSΔ | 5.0m | 80 | 80 | 5.0 | 1.0 | 50nS | 5.0 | 100m | 100 | Δ | PE | R203 | A |
| 65 | A5T4402† | 625m | 150mSΔ | 5.0m | 40 | 40 | 5.0 | 600m | 100nS | 100 | 1.0m | 30 | Δ | PE | R203 | A |
| 66 | A8T4028† | 625m | 150mSΔ | 5.0m | 60 | 60 | 5.0 | 1.0 | 50nS | 5.0 | 100m | 100 | Δ | PE | T092 | A |
| 67 | A8T4029† | 625m | 150mSΔ | 5.0m | 80 | 80 | 5.0 | 1.0 | 50nS | 5.0 | 100m | 100 | Δ | PE | T092 | A |
| 68# | BC376 | 625m | 150mS | | -25 | -20 | -5 | 1.0 | 100nS | -1 | -2 | 60 | Δ | PE | T092 | A |
| 69 | BC486 | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 60 | Δ# | AN | R210a | F |
| 70# | BC486 | 625m | 150mS | | 45 | ♦ | | 1.0 | 100nS | 2.0 | 100m | 60 | Δ# | | | F |
| 71 | BC486-5 | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 60 | Δ# | AN | R207 | A |
| 72 | BC486-18 | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 60 | Δ# | AN | R204e | A |
| 73 | BC486A5 | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 140 | † | AN | R207 | A |
| 74 | BC486A18 | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 140 | † | AN | R204e | A |
| 75 | BC486A | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 140 | † | AN | R210a | F |
| 76 | BC486B5 | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 260 | † | AN | R207 | A |
| 77 | BC486B18 | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 260 | † | AN | R204e | A |
| 78 | BC486B | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 260 | † | AN | R210a | F |
| 79 | BC486L5 | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 100 | † | AN | R207 | A |
| 80 | BC486L18 | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 100 | † | AN | R204e | A |
| 81 | BC486L | 625m | 150mS | 5.0m | 45 | 45 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 100 | † | AN | R210a | F |
| 82 | BC488 | 625m | 150mS | 5.0m | 60 | 60 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 60 | Δ# | AN | R210a | F |
| 83# | BC488 | 625m | 150mS | | 60 | ♦ | | 1.0 | 100nS | 2.0 | 100m | 60 | Δ# | | | F |
| 84 | BC488-5 | 625m | 150mS | 5.0m | 60 | 60 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 60 | Δ# | AN | R207 | A |
| 85 | BC488-18 | 625m | 150mS | 5.0m | 60 | 60 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 60 | Δ# | AN | R204e | A |
| 86 | BC488A5 | 625m | 150mS | 5.0m | 60 | 60 | 4.0 | 1.0 | 100nS | 2.0 | 100m | 140 | † | AN | R207 | A |
| 87 | BC488A18 | 625m | 150mS | 5.0m | 60 | 60 | 4.0 | 1.0 | 10 | | | | | | | |