

LOW-POWER SILICON PNP

| Item Number | Part Number | Manufacturer | V _{(BR)CEO} (V) | h _{FE} | I _C Max (A) | f _T (Hz) | C _{obo} Max (F) | I _{CBO} Max (A) | V _{(BR)CBO} (V) | P _D Max (W) | Derate at (W/°C) | T _{Oper} Max (°C) | Package Style |
|---|-------------|--------------|--------------------------|-----------------|------------------------|---------------------|--------------------------|--------------------------|--------------------------|------------------------|------------------|----------------------------|---------------|
| V_{(BR)CEO} ≥ 30 V, (Cont'd) | | | | | | | | | | | | | |
| - | BC350B | Motorola | 45 | 40 | 100m | 125M | 4.0p | 100n | | 350m | 2.8m | 150 J | TO-92 |
| - | BC350L | Motorola | 45 | 40 | 100m | 125M | 4.0p | 100n | | 350m | 2.8m | 150 J | TO-92 |
| - | 2SA544 | Semi Inc | 45 | 40 | 200m | 160M | 7.0p | 100n | | 750m | 5.0m | 175 J | TO-39 |
| - | 2SA544 | Elec Trans | 45 | 40 | 200m | 160M | 7.0p | 100n | 60 | 750m | 5.0m | 175 J | TO-39 |
| 5 | 2SA544 | Advncd Semi | 45 | 40 | 200m | 160M | 7.0p | 100n | 60 | 750m | 5.0m | 175 J | TO-39 |
| - | 2SA552 | Elec Trans | 45 | 40 | 200m | 160M | 7.0p | 100n | 60 | 750m | 5.0m | 175 J | TO-39 |
| - | KT209I | V/O Electro | 45 | 40 | 300m | 5.0M | | | 45 | 200m | 2.2m | 125 J | SPAKvar |
| - | KT501I | V/O Electro | 45 | 40 | 500m | 5.0M | | | 45 | 350m | 2.8m | 150 J | TO-18 |
| - | BC807 | AmperexElec | 45 | 40 | 500m | 100M | 10p | 100n | 50 | 300m | 2.4m | 150 J | SOT-23 |
| 10 | BC836 | See Index | 45 | 40 | 1.0 | 50M | | 100n | 45 | 800m | 6.0m | 150 | TO-92 |
| - | 92GE77A | GE Solid St | 45 | 40 | 1.0 | 50M | 30p | 100n | 45 | 750m | | 150 J | TO-237 |
| - | BF541 | NthAmerSemi | 45 | 45 | 50m | 130M | | 100n | 50 | 250m | 2.5m | 150 S | TO-92var |
| - | 2N3857 | See Index | 45 | 45 | 500m | 20M | 10p | 5.0n | 45 | 600m | 3.4m | 175 S | TO-5 |
| - | BC204 | See Index | 45 | 50 | | | | 50n | 50 | 200m | | | TO-106 |
| 15 | TMPA813 | SprgueElec | 45 | 50 | | 100M | | 100n | 60 | | | | N/A |
| - | 2N5119 | See Index | 45 | 50 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-78 |
| - | 2N5122 | CrimsonSemi | 45 | 50 | 10m | 100M | | 100p | 45 | 300m | 1.7m | 175 S | TO-71 |
| - | 2N5122 | SemiconTech | 45 | 50 | 10m | 100M | | 100p | 45 | 300m | 1.7m | 175 S | TO-71 |
| - | 2N5122 | Space Power | 45 | 50 | 10m | 100M | | 100p | 45 | 300m | 1.7m | 175 S | TO-71 |
| 20 | 2N5125 | CrimsonSemi | 45 | 50 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-226(6) |
| - | 2N5125 | SemiconTech | 45 | 50 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-226(6) |
| - | 2N5125 | Space Power | 45 | 50 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-226(6) |
| - | BC281A | NthAmerSemi | 45 | 50 | 200m | | 5.0p | 10n | 45 | 360m | 2.0m | 175 J | TO-18 |
| - | MMBA813S2 | Motorola | 45 | 50 | 200m | | | 100n | 60 | 350m | 2.8m | 150 J | SOT-89 |
| 25 | MMBA813S2 | SprgueElec | 45 | 50 | 200m | | | 100n | 60 | 350m | 2.8m | 150 J | SOT-89 |
| - | 2SA813S2 | NECElecSnc | 45 | 50 | 200m | | | 100n | 60 | 150m | 1.5m | 125 J | SOT-89 |
| - | ZTX503 | FerrantiLtd | 45 | 50 | 500m | 150M | 6.0p | 200n | 45 | 300m | 3.0m | 175 S | TO-92var |
| - | ZT183 | FerrantiLtd | 45 | 55 | 500m | 150M | 15p | 50n | 45 | 300m | 2.4m | 150 J | TO-18 |
| - | 2N3347 | See Index | 45 | 60 | | 60M | 6.0p | 10n | 60 | 300m | 2.0m | 175 S | TO-77 |
| 30 | 2N3348 | See Index | 45 | 60 | | 60M | 6.0p | 10n | 60 | 300m | 2.0m | 175 S | N/A |
| - | 2N3349 | See Index | 45 | 60 | | 60M | 6.0p | 10n | 60 | 300m | 2.0m | 175 S | N/A |
| - | A5T2604 | SemiconTech | 45 | 60 | 30m | 30M | 6.0p | 10n | 60 | 625m | 5.0m | 150 S | TO-92var |
| - | 2N2604 | See Index | 45 | 60 | 30m | 30M | 6.0p | 10n | 60 | 400m | 2.2m | 175 S | TO-46 |
| - | BF542 | NthAmerSemi | 45 | 60 | 50m | 130M | | 100n | 50 | 250m | 2.5m | 150 S | TO-92var |
| 35 | JE9015A | NEC Corp JA | 45 | 60 | 100m | 190M | 8.0p | 50n | 50 | 625m | 5.0m | 150 J | TO-92 |
| - | JE9015A | NECElecSnc | 45 | 60 | 100m | 190M | 8.0p | 50n | 50 | 625m | 5.0m | 150 J | TO-92 |
| - | ZTX531 | FerrantiLtd | 45 | 60 | 500m | 30M | 8.0p | 200n | 45 | 500m | 3.3m | 175 S | SPAKvar |
| - | BC486 | See Index | 45 | 60 | 1.0 | 150M | 9.0p | 100n | 45 | 625m | 5.0m | 150 J | TO-226AA |
| - | BC486-18 | Motorola | 45 | 60 | 1.0 | 150M | 9.0p | 100n | 45 | 625m | 5.0m | 150 J | TO-92 |
| 40 | BC486-5 | Motorola | 45 | 60 | 1.0 | 150M | 9.0p | 100n | 45 | 625m | 5.0m | 150 J | TO-92var |
| - | BC486L | Motorola | 45 | 60 | 1.0 | 150M | 9.0p | 100n | 45 | 625m | 5.0m | 150 J | TO-226AA |
| - | BC327-10 | See Index | 45 | 63 | 800m | | | 100n | | 625m | 5.4m | 150 J | TO-92 |
| - | BCW76 | See Index | 45 | 63 | 800m | 100M | 18p | | | 450m | | | TO-18 |
| - | BCW80 | See Index | 45 | 65 | 800m | 100M | 18p | | | 870m | | | TO-39 |
| 45 | BC304-5 | Micro Elecs | 45 | 70 | | | | 20n | 60 | 850m | 40m | 175 J | TO-39 |
| - | BC304-5 | Mistral SpA | 45 | 70 | | | | 20n | 60 | 850m | 40m | 175 J | TO-39 |
| - | IT139 | GE/Intersil | 45 | 70 | 100m | | 3.0p | 100p | 45 | 400m | 2.3m | 175 J | TO-78 |
| - | BC307VI | See Index | 45 | 70 | 100m | 130M | 6.0p | 100n | 50 | 250m | 2.4m | 150 J | TO-226AA |
| - | BC307VI18 | Motorola | 45 | 70 | 100m | 130M | 6.0p | 100n | 50 | 250m | 2.4m | 150 J | TO-18 |
| 50 | BC307VI5 | Motorola | 45 | 70 | 100m | 130M | 6.0p | 100n | 50 | 250m | 2.4m | 150 J | TO-5 |
| - | BC157 | See Index | 45 | 75 | 100m | 150M | | 15n | 50 | 350m | 3.5m | 125 J | N/A |
| - | BC417 | NthAmerSemi | 45 | 75 | 100m | 150M | | 15u | 50 | 250m | 2.5m | 125 J | TO-106 |
| - | BC857 | See Index | 45 | 75 | 100m | 150M | 4.5p | 15n | 50 | 300m | | 175 | TO-236 |
| 55 | MMBA813S3 | SprgueElec | 45 | 75 | 200m | | | 100n | 60 | 350m | 2.8m | 150 J | SOT-89 |
| - | MMBA813S3 | Motorola | 45 | 75 | 200m | | | 100n | 60 | 350m | 2.8m | 150 J | SOT-89 |
| - | 2SA813S3 | NECElecSnc | 45 | 75 | 200m | | | 100n | 60 | 150m | 1.5m | 125 J | SOT-89 |
| - | SF157 | Semi Ltd | 45 | 75 | 200m | 150M | 4.0p | 50n | 50 | 200m | | | TO-106 |
| - | BCX76-16 | Siemens Akt | 45 | 75 | 800m | 100M | | 20n | 75 | 625m | | 150 J | TO-92 |
| 60 | 2SA539 | Semi Inc | 45 | 80 | 200m | | | 100n | 60 | 250m | 2.5m | 125 J | TO-92 |
| - | 2SA539 | Micro Elecs | 45 | 80 | 200m | | | 100n | 60 | 250m | 2.5m | 125 J | TO-92 |
| - | KT209K | V/O Electro | 45 | 80 | 300m | 5.0M | | | 45 | 200m | 2.2m | 125 J | SPAKvar |
| - | KT501K | V/O Electro | 45 | 80 | 500m | 5.0M | | | 45 | 350m | 2.8m | 150 J | TO-18 |
| - | 2SB709A | Matsushita | 45 | 90 | 100m | 80M | 2.7p | 100n | 45 | 200m | | 125 J | SOT-89 |
| 65 | BCW69R | See Index | 45 | 90 | 100m | 150M | | 100n | 50 | 300m | 1.6m | 175 J | SOT-89 |
| - | ZT184 | FerrantiLtd | 45 | 90 | 500m | 150M | 15p | 50n | 45 | 300m | 2.4m | 150 J | TO-18 |
| - | 2N5117 | See Index | 45 | 100 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-78 |
| - | 2N5118 | See Index | 45 | 100 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-78 |
| - | 2N5120 | CrimsonSemi | 45 | 100 | 10m | 100M | | 100p | 45 | 300m | 1.7m | 175 S | TO-71 |
| - | 2N5120 | SemiconTech | 45 | 100 | 10m | 100M | | 100p | 45 | 300m | 1.7m | 175 S | TO-71 |
| 70 | 2N5120 | Space Power | 45 | 100 | 10m | 100M | | 100p | 45 | 300m | 1.7m | 175 S | TO-71 |
| - | 2N5121 | SemiconTech | 45 | 100 | 10m | 100M | | 100p | 45 | 300m | 1.7m | 175 S | TO-71 |
| - | 2N5121 | Space Power | 45 | 100 | 10m | 100M | | 100p | 45 | 300m | 1.7m | 175 S | TO-71 |
| - | 2N5121 | CrimsonSemi | 45 | 100 | 10m | 100M | | 100p | 45 | 300m | 1.7m | 175 S | TO-71 |
| 75 | 2N5123 | CrimsonSemi | 45 | 100 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-226(6) |
| - | 2N5123 | SemiconTech | 45 | 100 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-226(6) |
| - | 2N5123 | Space Power | 45 | 100 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-226(6) |
| - | 2N5124 | CrimsonSemi | 45 | 100 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-226(6) |
| - | 2N5124 | SemiconTech | 45 | 100 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-226(6) |
| - | 2N5124 | Space Power | 45 | 100 | 10m | 100M | | 100p | 45 | 400m | 2.3m | 175 S | TO-226(6) |
| 80 | IT131 | GE/Intersil | 45 | 100 | 50m | 90M | 2.0p | 1.0n | 45 | 400m | 2.3m | 175 J | TO-78 |
| - | IT132 | GE/Intersil | 45 | 100 | 50m | 90M | 2.0p | 1.0n | 45 | 400m | 2.3m | 175 J | TO-78 |
| - | PN3548 | Semi Inc | 45 | 100 | 100m | 60M | 8.0p | | | 300m | | | TO-92 |
| - | 2N3548 | See Index | 45 | 100 | 100m | 60M | 8.0p | 10n | 60 | 400m | 2.2m | 175 S | TO-18 |
| 85 | 0411 | Advncd Semi | 45 | 100 | 100m | 100M | 5.0p | | 60 | 200m | | | TO-106 |
| - | 0411 | Semi Inc | 45 | 100 | 100m | 100M | 5.0p | | 60 | 200m | | | TO-106 |
| - | 0412 | Semi Inc | 45 | 100 | 100m | 100M | 5.0p | | 60 | 200m | | | TO-106 |
| - | 0412 | Advncd Semi | 45 | 100 | 100m | 100M | 5.0p | | 60 | 200m | | | TO-106 |
| - | JE9015B | NEC Corp JA | 45 | 100 | 100m | 190M | 8.0p | 50n | 50 | 625m | 5.0m | 150 J | TO-92 |
| - | JE9015B | NECElecSnc | 45 | 100 | 100m | 190M | 8.0p | 50n | 50 | 625m | 5.0m | 150 J | TO-92 |
| 90 | TMP7813S2 | SprgueElec | 45 | 100 | 150m | 100M | | 100n | 60 | 350m | | 150 J | TO-236 |
| - | BC281B | NthAmerSemi | 45 | 100 | 200m | | 5.0p | 10n | 45 | 360m | 2.0m | 175 J | TO-18 |
| - | MMBA813S4 | SprgueElec | 45 | 100 | 200m | | | 100n | 60 | 350m | | | |