

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 |
|---|-------------|--------------|----------------------|----------|---------------------|---------------|-------------------------|-------------------------|----------------------|---------------------|------------------------|---------------------------|------------------|
| $V_{(BR)CEO} \geq 20$ V, (Cont'd) | | | | | | | | | | | | | |
| - | PN6076 | CentralSemi | 25 | 100 | 100m | | | 100n | 25 | 625m | 5.0m | 150 J | TO-92 |
| - | V761 | SGS-Ates | 25 | 100 | 100m | 90M | 8.0p | 50n | 25 | 400m | 2.0m | 175 J | TO-18 |
| - | 2SA628 | Solid Stinc | 25 | 100 | 100m | 100M | | 1.0u | 30 | 150m | 1.5m | 125 J | TO-92 |
| - | L9015 | Semi Inc | 25 | 100 | 100m | 120M | 3.5p | | | 300m | | | TO-92 |
| 5 | L9015 | Advncd Semi | 25 | 100 | 100m | 120M | 3.5p | | | 300m | | | TO-92 |
| - | MPS6172 | Motorola | 25 | 100 | 100m | 120M | | 100n | 25 | 350m | 2.8m | 150 J | TO-92 |
| - | BC186 | See Index | 25 | 100 | 100m | 168M | | 100n | 40 | 300m | 2.0m | 175 J | TO-18 |
| - | MPS3638A | See Index | 25 | 100 | 350m | 150M | 10p | 35n | 25 | 620m | 2.8m | 150 J | TO-226AA |
| - | BCX18 | See Index | 25 | 100 | 500m | 100M | 8.0p | 100n | 30 | 225m | 1.8m | 150 J | SOT-23 |
| - | BCX18R | FerrantiLtd | 25 | 100 | 500m | 100M | | 100n | | 425m | 2.5m | 150 J | SOT-89 |
| - | BCX18R | AmperexElec | 25 | 100 | 500m | 100M | | 100n | | 425m | 2.5m | 150 J | SOT-89 |
| - | BCX18R | PhilipsElec | 25 | 100 | 500m | 100M | | 100n | | 425m | 2.5m | 150 J | SOT-89 |
| - | BC328 | See Index | 25 | 100 | 500m | 100M | 15p | 100n | 30 | 500m | 5.0m | 150 J | TO-226AA |
| - | BC328-18 | Motorola | 25 | 100 | 500m | 100M | 15p | 100n | 30 | 500m | 5.0m | 150 J | TO-18 |
| - | BC328-5 | Motorola | 25 | 100 | 500m | 100M | 15p | 100n | 30 | 500m | 5.0m | 150 J | TO-5 |
| - | BC328L | Semelab | 25 | 100 | 500m | 100M | 15p | 100n | 30 | 500m | 5.0m | 150 J | TO-226AA |
| - | BC808 | AmperexElec | 25 | 100 | 500m | 100M | 8.0p | 100n | 30 | 310m | | 150 J | TO-236 |
| - | BC808-16 | See Index | 25 | 100 | 500m | 100M | 10p | 100n | 30 | 300m | 2.4m | 150 J | SOT-23 |
| - | A5T3638A | SemiconTech | 25 | 100 | 500m | 150M | 10p | 35n | 25 | 625m | 5.0m | 150 S | TO-92var |
| 10 | MPS3638AK | CrimsonSemi | 25 | 100 | 500m | 150M | 10p | 35n | 25 | 500m | 3.3m | 175 A | TO-92var |
| - | PN3638A | See Index | 25 | 100 | 500m | 150M | 10p | 25n | 25 | 600m | 4.8m | 150 J | TO-92 |
| - | TP3638A | SprgueElec | 25 | 100 | 500m | 150M | 10p | 25n | 25 | 500m | | 150 J | TO-226 |
| - | 2N6076 | See Index | 25 | 100 | 800m | 200M | | 100n | 25 | 360m | 3.6m | 150 J | TO-98 |
| - | 2N3638A | See Index | 25 | 100 | 800m | 150M | 10p | 35n | 35 | 300m | 3.0m | 150 J | TO-92 |
| 25 | 25B811 | NEC Corp JA | 25 | 100 | 1.0 | 110M | 36p | 100n | 30 | 350 | 2.8m | 150 J | SPAK |
| - | 25B624 | NEC Corp JA | 25 | 110 | 700m | 160M | 17p | 100n | 30 | 200m | | 150 J | SOT-23 |
| - | 25B624 | NECElecsInc | 25 | 110 | 700m | 160M | 17p | 100n | 30 | 200m | | 150 J | SOT-23 |
| - | 25B1035C | MitsubiElec | 25 | 110 | 1.0 | 100M | | 100n | 30 | 900m | | 150 J | MicroTO-92 |
| - | TEC9012G | ToshibaCorp | 25 | 118 | 800m | | | 100n | 30 | 625m | 5.0m | 150 J | TO-92 |
| 30 | BC308 | See Index | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 125 J | TO-226AA |
| - | BC308-18 | Motorola | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 125 J | TO-18 |
| - | BC308-5 | Motorola | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 125 J | TO-5 |
| - | BC308A | See Index | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 150 J | TO-226AA |
| - | BC308A18 | Motorola | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 150 J | TO-18 |
| - | BC308A5 | Motorola | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 150 J | TO-5 |
| - | BC309 | See Index | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 125 J | TO-226AA |
| - | BC309-18 | Motorola | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 125 J | TO-18 |
| - | BC309-5 | Motorola | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 125 J | TO-5 |
| - | BC309A | See Index | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 150 J | TO-226AA |
| 40 | BC309A18 | Motorola | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 150 J | TO-18 |
| - | BC309A5 | Motorola | 25 | 120 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 150 J | TO-5 |
| - | BC178P | FerrantiLtd | 25 | 120 | 200m | 130M | 4.5p | 100n | 30 | 300m | | 175 J | TO-18 |
| - | MPS4126 | Samsung | 25 | 120 | 200m | 170M | 4.5p | 50n | 25 | 625m | 5.0m | 150 J | TO-226AA |
| 45 | MPS4126 | Motorola | 25 | 120 | 200m | 170M | 4.5p | 50n | 25 | 625m | 5.0m | 150 J | TO-226AA |
| - | BC258 | See Index | 25 | 120 | 500m | 130M | | 100n | 30 | 300m | 2.2m | 150 J | TO-92 |
| - | BC258A | See Index | 25 | 120 | 500m | 130M | 6.0p | 100n | 30 | 500m | 2.4m | 150 J | TO-92 |
| - | BC158A | Semi Ltd | 25 | 125 | 100m | 150M | | 100n | 30 | 350m | 3.5m | 125 J | N/A |
| - | BC158A | Bharat | 25 | 125 | 100m | 150M | | 100n | 30 | 350m | 3.5m | 125 J | N/A |
| - | BC158A | NthAmerSemi | 25 | 125 | 100m | 150M | | 100n | 30 | 350m | 3.5m | 125 J | N/A |
| 50 | BC298/7 | Semelab | 25 | 125 | 1.0 | 150M | | | | 370m | | 150 J | TO-18 |
| - | BC187 | Semelab | 25 | 140 | 100m | 191M | | 100n | 30 | 300m | 2.0m | 175 J | TO-18 |
| - | BC187 | Micro Elecs | 25 | 140 | 100m | 191M | | 100n | 30 | 300m | 2.0m | 175 J | TO-18 |
| - | BC187 | CentralSemi | 25 | 140 | 100m | 191M | | 100n | 30 | 300m | 2.0m | 175 J | TO-18 |
| - | TEC9012H | ToshibaCorp | 25 | 144 | 800m | | | 100n | 30 | 625m | 5.0m | 150 J | TO-92 |
| - | 2N4288 | See Index | 25 | 150 | 100m | 40M | 8.0p | 50n | 30 | 250m | 2.0m | 150 J | TO-92var |
| - | BC179VI | Mistral SpA | 25 | 150 | 100m | 150M | 7.0p | | 30 | 300m | | | TO-18 |
| - | 2N5999 | See Index | 25 | 150 | 500m | 140M | | 30n | 35 | 400m | 4.0m | 150 J | TO-98 |
| - | 2N5813 | See Index | 25 | 150 | 750m | | 15p | 100n | 35 | 500m | 4.5m | 135 J | TO-92 |
| - | GE95813 | GE Solid St | 25 | 150 | 750m | 150M | | 100n | 35 | 500m | 4.5m | 150 J | TO-92 |
| 60 | TP5813 | SprgueElec | 25 | 150 | 800m | | 15p | 100n | 35 | | | 150 J | TO-226 |
| - | D29E2 | SprgueElec | 25 | 150 | 800m | 135M | | 100n | 35 | 500m | 4.0m | 150 J | TO-98 |
| - | D29E2 | GE Solid St | 25 | 150 | 800m | 135M | | 100n | 35 | 500m | 4.0m | 150 J | TO-98 |
| - | BC808-25 | See Index | 25 | 160 | 500m | 100M | 10p | 100n | 30 | 300m | 2.4m | 150 J | SOT-23 |
| - | BC328AP | FerrantiLtd | 25 | 160 | 800m | 100M | 12p | 100n | | 625m | 5.0m | 150 J | TO-92var |
| 65 | BC178AP | FerrantiLtd | 25 | 170 | 100m | 130M | 4.5p | 100n | | 300m | 2.0m | 175 J | TO-92var |
| - | TEC9012I | ToshibaCorp | 25 | 176 | 800m | | | 100n | 30 | 625m | 5.0m | 150 J | TO-92 |
| - | BC258B | See Index | 25 | 180 | 500m | 130M | 6.0p | 100n | 30 | 500m | 2.4m | 150 J | TO-92 |
| - | 2SA952M | NECElecsInc | 25 | 180 | 700m | 160M | 17p | 100n | 30 | 600m | | 150 J | TO-92 |
| - | 25B810M | NECElecsInc | 25 | 180 | 700m | 160M | 17p | 100n | 30 | 350m | 2.8m | 150 J | SPAKvar |
| 70 | 25B1035D | MitsubiElec | 25 | 180 | 1.0 | 100M | | 100n | 30 | 900m | | 150 J | MicroTO-92 |
| - | 25B811M | NECElecsInc | 25 | 180 | 1.0 | 110M | 36p | 100n | 30 | 350m | 2.8m | 150 J | SPAKvar |
| - | BC308B | See Index | 25 | 200 | 100m | 150M | | 15n | 30 | 300m | 3.0m | 150 J | TO-226AA |
| - | BC308B18 | Motorola | 25 | 200 | 100m | 150M | | 15n | 30 | 300m | 3.0m | 150 J | TO-18 |
| - | BC308B5 | Motorola | 25 | 200 | 100m | 150M | | 15n | 30 | 300m | 3.0m | 150 J | TO-5 |
| 75 | BC309B | See Index | 25 | 200 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 150 J | TO-226AA |
| - | BC309B18 | Motorola | 25 | 200 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 150 J | TO-18 |
| - | BC309B5 | Motorola | 25 | 200 | 100m | 150M | 6.0p | 15n | 30 | 250m | 3.0m | 150 J | TO-5 |
| - | 25B810 | NEC Corp JA | 25 | 200 | -.7 | 160M | 17p | -.1u | -30 | 350m | 2.8m | 150 J | SPAKvar |
| - | 2SA1298 | ToshibaCorp | 25 | 200 | 800m | 120M | 13p | 100n | 30 | 200m | 1.6m | 150 J | SOT-89 |
| 80 | 25B564 | NEC Corp JA | 25 | 200 | 1.0 | 110M | 36p | 100n | 30 | 800m | 6.4m | 150 J | N/A |
| - | 25B564 | NECElecsInc | 25 | 200 | 1.0 | 110M | 36p | 100n | 30 | 800m | 6.4m | 150 J | N/A |
| - | 25B1119R | Sanyo Elect | 25 | 200 | 1.0 | 180M | 15p | 100n | 25 | 500m | | 150 J | SOT-89 |
| - | 25B1121R | Sanyo Elect | 25 | 200 | 2.0 | 150M | 19p | 100n | 30 | 500m | | 150 J | SOT-89 |
| 85 | TEC9012J | ToshibaCorp | 25 | 214 | 800m | | | 100n | 30 | 625m | 5.0m | 150 J | TO-92 |
| - | BC308P | FerrantiLtd | 25 | 220 | 100m | 130M | 6.0p | 100n | 30 | 300m | 2.4m | 150 J | TO-92var |
| - | 25B810J | NECElecsInc | 25 | 220 | 700m | 160M | 17p | 100n | 30 | 350m | 2.8m | 150 J | SPAKvar |
| - | 25B811J | NECElecsInc | 25 | 220 | 1.0 | 110M | 36p | 100n | 30 | 350m | 2.8m | 150 J | SPAKvar |
| - | BC158B | Semi Ltd | 25 | 240 | 100m | 150M | | 100n | 30 | 350m | 3.5m | 125 J | N/A |
| - | BC158B | NthAmerSemi | 25 | 240 | 100m | 150M | | 100n | 30 | 350m | 3.5m | 125 J | N/A |
| 90 | BC158B | Bharat | 25 | 240 | 100m | 150M | | 100n | 30 | 350m | 3.5m | 125 J | N/A |
| - | 25A564 | See Index | 25 | 250 | 50m | | | 1.0u | 25 | 250m | 2.5m | 125 J | TO-92 |
| - | 25A550 | Advncd Semi | 25 | 250 | 100m | 150M | 5.0p | 1.0u | 25 | 300m | 2.0m | 175 J | TO-18 |
| - | 25A550 | Semi Inc | 25 | 250 | 100m | 150M | 5.0p | 1.0u | 25 | 300m | 2.0m | 175 J | TO-18 |
| - | 25A550 | Elec Trans | 25 | 250 | 100m | 150M | 5.0p | 1.0u | 25 | 300m | 2.0m | 175 J | TO-18 |
| 95 | 25A677 | Solid Stinc | 25 | 250 | 200m | 140M | 6.0p | 500n | 25 | 250m | 3.3m | 100 J | TO-92var |
| - | BC808-40 | See Index | 25 | 250 | 500m | 100M | 10p | 100n | 30 | 300m | 2.4m | 150 J | SOT-23 |
| - | TBC328A | Indust Mexi | 25 | 250 | 500m | 100M | 12p | | 30 | 625m | | | TO-92 |