

Transistors, General

| Type | Polarity | Material | P _{tot} Max. (mW) | f _T Typ. (MHz) | Absolute Max. Ratings | | | | h _{FE} | | | T _J Max. (°C) | C _{OB} Max. (pF) | Case Outline | Lead Info. | Manufacturer |
|-----------|----------|----------|----------------------------|---------------------------|-----------------------|----------------------|----------------------|---------------------|-----------------|-------|------|--------------------------|---------------------------|--------------|------------|-------------------------------|
| | | | | | V _{CE0} (V) | V _{CEO} (V) | V _{EBO} (V) | I _C (mA) | Min. | at mA | Max. | | | | | |
| BC308-92 | PNP | Si | 300 | 130 | -30 | -25 | -5 | 100 | 125 | 2 | 900 | 150 | 4.5 | TO-92 | 11 | N |
| BC308A | PNP | Si | 300 | 130 | -30 | -25 | -5 | 100 | 110 | 2 | 220 | 150 | 4.5 | TO-92 | 11 | AEG, F, GE, ITT, Mo, Sp, u |
| BC308A-92 | PNP | Si | 300 | 130 | -30 | -25 | -5 | 100 | 125 | 2 | 260 | 150 | 4.5 | TO-92 | 11 | N |
| BC308B | PNP | Si | 300 | 130 | -30 | -25 | -5 | 100 | 200 | 2 | 450 | 150 | 4.5 | TO-92 | 11 | AEG, F, ITT, Mo, Sp, u |
| BC308B-92 | PNP | Si | 300 | 130 | -30 | -25 | -5 | 100 | 140 | 2 | 400 | 150 | 4.5 | TO-92 | 11 | N |
| BC308C | PNP | Si | 300 | 130 | -30 | -25 | -5 | 100 | 420 | 2 | 800 | 150 | 4.5 | TO-92 | 11 | AEG, F, ITT, Mo, Sp, u |
| BC308C-92 | PNP | Si | 300 | 130 | -30 | -25 | -5 | 100 | 140 | 2 | 400 | 150 | 4.5 | TO-92 | 11 | N |
| BC308P | PNP | Si | 300 | 130 | -30 | -25 | -5 | 100 | 120 | 2 | 220 | 150 | 4.5 | TO-92 | 06 | Fe |
| BC308VI | PNP | Si | 300 | 130 | -30 | -25 | -5 | 100 | 70 | 2 | 140 | 150 | 4.5 | TO-92 | 12 | AEG, u |
| BC309 | PNP | Si | 300 | 130 | -25 | -20 | -5 | 100 | 75 | 2 | 900 | 150 | 4.5 | TO-92 | 11 | AEG, F, GE, Mo, u |
| BC309-92 | PNP | Si | 300 | 130 | -25 | -20 | -5 | 100 | 140 | 2 | 400 | 150 | 4.5 | TO-92 | 11 | N |
| BC309A | PNP | Si | 300 | 130 | -25 | -20 | -5 | 100 | 120 | 2 | 220 | 150 | 4.5 | TO-92 | 11 | AEG |
| BC309B | PNP | Si | 300 | 130 | -25 | -20 | -5 | 100 | 240 | 2 | 500 | 150 | 4.5 | TO-92 | 11 | AEG, F, ITT, Mo, Sp, u |
| BC309B-92 | PNP | Si | 300 | 130 | -25 | -20 | -5 | 100 | 240 | 2 | 500 | 150 | 4.5 | TO-92 | 11 | N |
| BC309C | PNP | Si | 300 | 130 | -25 | -20 | -5 | 100 | 450 | 2 | 900 | 150 | 4.5 | TO-92 | 11 | AEG, F, ITT, Mo, Sp, u |
| BC309C-92 | PNP | Si | 300 | 130 | -25 | -20 | -5 | 100 | 140 | 2 | 400 | 150 | 4.5 | TO-92 | 11 | N |
| BC309P | PNP | Si | 300 | 130 | -25 | -20 | -5 | 100 | 120 | 2 | 220 | 150 | 4.5 | TO-92 | 06 | Fe |
| BC312 | NPN | Si | 800 | 100 | 100 | 100 | 5 | 150 | 40 | 1 | - | 200 | 10 | TO-39 | 08 | TI |
| BC317 | NPN | Si | 350 | 100 | 50 | 45 | 6 | 150 | 110 | 2 | 450 | 135 | 4 | TO-92 | 13 | F, N |
| BC317A | NPN | Si | 350 | 100 | 50 | 45 | 6 | 150 | 110 | 2 | 220 | 135 | 4 | TO-92 | 13 | F, N |
| BC317B | NPN | Si | 350 | 100 | 50 | 45 | 6 | 150 | 220 | 2 | 450 | 135 | 4 | TO-92 | 13 | F, N |
| BC318 | NPN | Si | 350 | 100 | 40 | 30 | 5 | 150 | 110 | 2 | 800 | 135 | 4 | TO-92 | 13 | F, N |
| BC318A | NPN | Si | 350 | 100 | 40 | 30 | 5 | 150 | 110 | 2 | 220 | 135 | 4 | TO-92 | 13 | F, N |
| BC318B | NPN | Si | 350 | 100 | 40 | 30 | 5 | 150 | 200 | 2 | 450 | 135 | 4 | TO-92 | 13 | F, N |
| BC318C | NPN | Si | 350 | 100 | 40 | 30 | 5 | 150 | 400 | 2 | 800 | 135 | 4 | TO-92 | 13 | F, N |
| BC319 | NPN | Si | 350 | 100 | 30 | 20 | 5 | 150 | 200 | 2 | 800 | 135 | 4 | TO-92 | 13 | F, N |
| BC319B | NPN | Si | 350 | 100 | 30 | 20 | 5 | 150 | 200 | 2 | 450 | 135 | 4 | TO-92 | 13 | F, N |
| BC319C | NPN | Si | 350 | 100 | 30 | 20 | 5 | 150 | 400 | 2 | 800 | 135 | 4 | TO-92 | 13 | F, N |
| BC320 | PNP | Si | 310 | 130 | -50 | -45 | -6 | 150 | 110 | 2 | 450 | 135 | 4 | TO-92 | 13 | F, u |
| BC320A | PNP | Si | 310 | 130 | -50 | -45 | -6 | 150 | 110 | 2 | 220 | 135 | 4 | TO-92 | 13 | F, u |
| BC320B | PNP | Si | 310 | 130 | -50 | -45 | -6 | 150 | 200 | 2 | 450 | 135 | 4 | TO-92 | 13 | F, u |
| BC321 | PNP | Si | 310 | 100 | -40 | -30 | -5 | 150 | 110 | 2 | 450 | 135 | 4 | TO-92 | 13 | F |
| BC321A | PNP | Si | 310 | 100 | -40 | -30 | -5 | 150 | 110 | 2 | 220 | 135 | 4 | TO-92 | 13 | F, u |
| BC321B | PNP | Si | 310 | 100 | -40 | -30 | -5 | 150 | 200 | 2 | 450 | 135 | 4 | TO-92 | 13 | F, u |
| BC322 | PNP | Si | 310 | 100 | -30 | -20 | -5 | 150 | 110 | 2 | 800 | 135 | 4 | TO-92 | 13 | F, u |
| BC322B | PNP | Si | 310 | 100 | -30 | -20 | -5 | 150 | 200 | 2 | 450 | 135 | 4 | TO-92 | 13 | F, u |
| BC322C | PNP | Si | 310 | 100 | -30 | -20 | -5 | 150 | 420 | 2 | 800 | 135 | 4 | TO-92 | 13 | F, u |
| BC323 | NPN | Si | 800 | 50 | 100 | 60 | 5 | 5A | 50 | 500 | - | 200 | 80 | TO-39 | 08 | SGS |
| BC325 | PNP | Si | 360 | 60 | -60 | -60 | -5 | 50 | 175 | 1 | - | 200 | 9 | TO-18 | 05 | TI |
| BC326 | PNP | Si | 360 | 60 | -60 | -60 | -5 | 50 | 250 | 1 | - | 200 | 9 | TO-18 | 05 | TI |
| BC327 | PNP | Si | 625 | 100 | -50 | -45 | -5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 11 | AEG, F, ITT, M, Mo, N, u |
| BC327-10 | PNP | Si | 625 | 100 | -50 | -45 | -5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 11 | AEG, N |
| BC327-16 | PNP | Si | 625 | 100 | -50 | -45 | -5 | 800 | 106 | 100 | 236 | 150 | 12 | TO-92 | 11 | AEG, F, GE, ITT, Mo, N, Sp |
| BC327-25 | PNP | Si | 625 | 100 | -50 | -45 | -5 | 800 | 170 | 100 | 375 | 150 | 12 | TO-92 | 11 | AEG, F, ITT, Mo, N, Sp |
| BC327-40 | PNP | Si | 625 | 100 | -50 | -45 | -5 | 800 | 265 | 100 | 600 | 150 | 12 | TO-92 | 11 | AEG, ITT, Sp |
| BC327P | PNP | Si | 625 | 100 | -50 | -45 | -5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 06 | Fe |
| BC328 | PNP | Si | 625 | 100 | -30 | -25 | -5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 11 | AEG, F, ITT, M, Mo, N, u |
| BC328-10 | PNP | Si | 625 | 100 | -30 | -25 | -5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 11 | AEG, N |
| BC328 | PNP | Si | 625 | 100 | -30 | -25 | -5 | 800 | 106 | 100 | 236 | 150 | 12 | TO-92 | 11 | AEG, F, ITT, Mo, N, Sp |
| BC328-25 | PNP | Si | 625 | 100 | -30 | -25 | -5 | 800 | 170 | 100 | 375 | 150 | 12 | TO-92 | 11 | AEG, F, ITT, Mo, N, Sp |
| BC328-40 | PNP | Si | 625 | 100 | -30 | -25 | -5 | 800 | 265 | 100 | 600 | 150 | 12 | TO-92 | 11 | AEG, ITT, Sp |
| BC328P | PNP | Si | 625 | 100 | -30 | -25 | -5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 06 | Fe |
| BC337 | NPN | Si | 625 | 100 | 50 | 45 | 5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 11 | AEG, F, ITT, M, Mo, N, u |
| BC337-10 | NPN | Si | 625 | 100 | 50 | 45 | 5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 11 | AEG, N |
| BC337-16 | NPN | Si | 625 | 100 | 50 | 45 | 5 | 800 | 106 | 100 | 236 | 150 | 12 | TO-92 | 11 | AEG, F, GE, ITT, Mo, N, Sp, u |
| BC337-25 | NPN | Si | 625 | 100 | 50 | 45 | 5 | 800 | 170 | 100 | 375 | 150 | 12 | TO-92 | 11 | AEG, F, GE, ITT, Mo, N, Sp, u |
| BC337-40 | NPN | Si | 625 | 100 | 50 | 45 | 5 | 800 | 265 | 100 | 600 | 150 | 12 | TO-92 | 11 | AEG, ITT, Mo, Sp, u |
| BC337P | NPN | Si | 625 | 100 | 50 | 45 | 5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 06 | Fe |
| BC338 | NPN | Si | 625 | 100 | 30 | 25 | 5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 11 | AEG, F, ITT, M, Mo, N, u |
| BC338-10 | NPN | Si | 625 | 100 | 30 | 25 | 5 | 800 | 67 | 100 | 150 | 150 | 12 | TO-92 | 11 | AEG, N |
| BC338-16 | NPN | Si | 625 | 100 | 30 | 25 | 5 | 800 | 106 | 100 | 236 | 150 | 12 | TO-92 | 11 | AEG, F, ITT, Mo, N, Sp, u |