

SEMICONDUCTOR DICE

PNP SMALL SIGNAL TRANSISTORS

| Dice type | V _{CB0} | V _{CE0} | I _{CB0} | | h _{FE} | | I _C | V _{CE} | V _{CE(sat)} | | Max. | f _T | C _{OB0} | Chip geometry |
|-----------|------------------|------------------|------------------|--------------------|-----------------|------|----------------|-----------------|----------------------|----------------|----------------|----------------|------------------|---------------|
| | Min. | Min. | Max. | at V _{CB} | Min. | Max. | | | at I _C | I _C | I _B | Min. | Max. | |
| | Volts | Volts | nA | Volts | Min. | Max. | mA | Volts | Volts | mA | mA | MHz | pF | |
| BC556A | 80 | 65 | 15 | 30 | 110 | 220 | 2 | 5 | 0.3 | 10 | 0.5 | 250* | 4.5 | G2 |
| BC556B | 80 | 65 | 15 | 30 | 200 | 450 | 2 | 5 | 0.3 | 10 | 0.5 | 250* | 4.5 | G2 |
| ZTX504 | 70 | 70 | 200 | 70 | 50 | 300 | 10 | 6 | 0.35 | 50 | 5 | 150 | 6.0 | G2 |
| BCY77A | 60† | 60 | 20§ | 50† | 120 | 220 | 2 | 5 | 0.25 | 10 | 0.25 | 180* | 6.0 | G2 |
| BCY77B | 60† | 60 | 20§ | 50† | 180 | 310 | 2 | 5 | 0.25 | 10 | 0.25 | 180* | 6.0 | G2 |
| BCY77C | 60† | 60 | 20§ | 50† | 250 | 460 | 2 | 5 | 0.25 | 10 | 0.25 | 180* | 6.0 | G2 |
| BC212 | 60 | 50 | 15 | 30 | 60 | 400 | 2 | 5 | 0.07 | 10 | 0.5 | 200 | 5.0* | G2 |
| BC307 | 50† | 45 | 100§ | 50† | 120 | 460 | 2 | 5 | 0.2 | 10 | 0.5 | 130* | 6.0 | G2 |
| BC557A | 50 | 45 | 15 | 30 | 110 | 220 | 2 | 5 | 0.3 | 10 | 0.5 | 250* | 4.5 | G2 |
| BC557B | 50 | 45 | 15 | 30 | 200 | 450 | 2 | 5 | 0.3 | 10 | 0.5 | 250* | 4.5 | G2 |
| BC557C | 50 | 45 | 15 | 30 | 420 | 800 | 2 | 5 | 0.3 | 10 | 0.5 | 250* | 4.5 | G2 |
| BC560B | 50 | 45 | 15 | 30 | 200 | 450 | 2 | 5 | 0.25 | 10 | 0.5 | 250* | 4.5 | G2 |
| BC560C | 50 | 45 | 15 | 30 | 420 | 800 | 2 | 5 | 0.25 | 10 | 0.5 | 250* | 4.5 | G2 |
| BCY79A | 45† | 45 | 20§ | 35† | 120 | 220 | 2 | 5 | 0.25 | 10 | 0.25 | 180* | 6.0 | G2 |
| BCY79B | 45† | 45 | 20§ | 35† | 180 | 310 | 2 | 5 | 0.25 | 10 | 0.25 | 180* | 6.0 | G2 |
| BCY79C | 45† | 45 | 20§ | 35† | 250 | 460 | 2 | 5 | 0.25 | 10 | 0.25 | 180* | 6.0 | G2 |
| ZTX503 | 45 | 45 | 200 | 45 | 50 | 300 | 10 | 6 | 0.35 | 50 | 5 | 150 | 6.0 | G2 |
| BC213 | 45 | 30 | 15 | 30 | 80 | 600 | 2 | 5 | 0.07 | 10 | 0.5 | 200 | 5.0* | G2 |
| BC214 | 45 | 30 | 15 | 30 | 200 | 600 | 2 | 5 | 0.07 | 10 | 0.5 | 200 | 5.0* | G2 |
| ZTX502 | 35 | 35 | 200 | 35 | 100 | 300 | 10 | 6 | 0.25 | 50 | 5 | 150 | 6.0 | G2 |
| ZTX501 | 35 | 35 | 200 | 35 | 50 | 300 | 10 | 6 | 0.25 | 50 | 5 | 150 | 6.0 | G2 |
| BCY78A | 32† | 32 | 20§ | 25† | 120 | 220 | 2 | 5 | 0.25 | 10 | 0.25 | 180* | 6.0 | G2 |
| BCY78B | 32† | 32 | 20§ | 25† | 180 | 310 | 2 | 5 | 0.25 | 10 | 0.25 | 180* | 6.0 | G2 |
| BCY78C | 32† | 32 | 20§ | 25† | 250 | 460 | 2 | 5 | 0.25 | 10 | 0.25 | 180* | 6.0 | G2 |
| BCY78D | 32† | 32 | 20§ | 25† | 380 | 630 | 2 | 5 | 0.25 | 10 | 0.25 | 180* | 6.0 | G2 |
| BC558A | 30 | 30 | 15 | 30 | 110 | 220 | 2 | 5 | 0.3 | 10 | 0.5 | 250* | 4.5 | G2 |
| BC558B | 30 | 30 | 15 | 30 | 200 | 450 | 2 | 5 | 0.3 | 10 | 0.5 | 250* | 4.5 | G2 |
| BC558C | 30 | 30 | 15 | 30 | 420 | 800 | 2 | 5 | 0.3 | 10 | 0.5 | 250* | 4.5 | G2 |
| BC559B | 30 | 30 | 15 | 30 | 200 | 450 | 2 | 5 | 0.25 | 10 | 0.5 | 250* | 4.5 | G2 |
| BC559C | 30 | 30 | 15 | 30 | 420 | 800 | 2 | 5 | 0.25 | 10 | 0.5 | 250* | 4.5 | G2 |
| ZTX500 | 25 | 25 | 200 | 25 | 50 | 300 | 10 | 6 | 0.35 | 50 | 5 | 150 | 6.0 | G2 |

†V_{CEs} §I_{CEs} *Typical values

ZETEX SEMICONDUCTORS