# TABLE 6 : PNP LOW NOISE

The transistors in this table are characterised for low noise, low level amplification and are ideally suited for audio pre-amplifiers as well as universal applications.

| Type | $V_{CEO}$ | Max $I_C$ | Max $V_{CE(sat)}$ at | | | $h_{FE}$ at | | | Min $f_T$ at | | Max. Noise Figure at | | | Complement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | V | mA | V | $I_C$ mA | $I_B$ mA | Min | Max | $I_C$ mA | MHz | $I_C$ mA | N dB | $I_C$ $\mu$A | f Hz | |
| BCY77P | 60 | 100 | 0.25 | 10 | 0.25 | 120 | 460 | 2 | 180* | 10 | 6 | 200 | 1k | BCY65EP |
| 2N5086 | 50 | 50 | 0.3 | 10 | 1 | 150 | 500 | 0.1 | 40 | 0.5 | 3 | 200 | 30 – 15k | 2N5209 |
| 2N5087 | 50 | 50 | 0.3 | 10 | 1 | 250 | 800 | 0.1 | 40 | 0.5 | 2 | 200 | 30 – 15k | 2N5210 |
| ZTX531 | 45 | 500 | 0.7 | 10 | 0.5 | 40 | 120 | 0.1 | 30 | 0.5 | 3* | 100 | 1k | ZTX331 |
| BCY71P | 45 | 200 | 0.5 | 50 | 5 | 100 | 400 | 10 | 15 | 0.1 | 2 | 100 | 30 – 15k | – |
| BC560P | 45 | 200 | 0.25 | 10 | 0.5 | 110 | 800 | 2 | 300* | 10 | 2 | 200 | 30 – 15k | BC550P |
| BCY79P | 45 | 200 | 0.25 | 10 | 0.25 | 120 | 460 | 2 | 180* | 10 | 6 | 200 | 1k | BCY59P |
| BC416P | 45 | 100 | 0.3 | 10 | 0.5 | 110 | 800 | 2 | 200* | 10 | 2 | 200 | 30 – 15k | BC414P |
| BCY70P | 40 | 200 | 0.5 | 50 | 5 | 100 | – | 10 | 250 | 10 | 6 | 100 | 30 – 15k | – |
| 2N3906 | 40 | 200 | 0.25 | 10 | 1 | 100 | 300 | 10 | 250 | 10 | 4 | 200 | 30 – 15k | 2N3904 |
| 2N3905 | 40 | 200 | 0.25 | 10 | 1 | 50 | 150 | 10 | 200 | 10 | 5 | 200 | 30 – 15k | 2N3903 |
| BCY78P | 32 | 200 | 0.25 | 10 | 0.25 | 120 | 630 | 2 | 180* | 10 | 6 | 200 | 1k | BCY58P |
| ZTX530 | 30 | 500 | 0.7 | 10 | 0.5 | 100 | 400 | 0.1 | 30 | 0.5 | 3* | 100 | 1k | ZTX330 |
| ZTX214 | 30 | 200 | 0.25 | 10 | 0.5 | 140 | 550 | 2 | 200 | 10 | 2 | 200 | 30 – 15k | ZTX109 |
| BC559P | 30 | 200 | 0.25 | 10 | 0.5 | 110 | 800 | 2 | 300* | 10 | 4 | 200 | 30 – 15k | BC549P |
| 2N4125 | 30 | 200 | 0.4 | 50 | 5 | 50 | 150 | 2 | 200 | 10 | 5 | 200 | 30 – 15k | 2N4123 |
| BC214P | 30 | 200 | 0.6 | 100 | 5 | 140 | 600 | 2 | 200 | 10 | 2 | 200 | 30 – 15k | BC184P |
| BC415P | 30 | 100 | 0.3 | 10 | 0.5 | 110 | 800 | 2 | 200* | 10 | 2 | 200 | 30 – 15k | BC413P |
| BCY72P | 25 | 200 | 500 | 50 | 5 | 100 | – | 10 | 250 | 10 | 6 | 100 | 30 – 15k | – |
| 2N4126 | 25 | 200 | 0.4 | 50 | 5 | 120 | 360 | 2 | 250 | 10 | 4 | 200 | 30 – 15k | 2N4124 |
| BC179P | 20 | 50 | 0.2 | 10 | 0.5 | 180 | 800 | 2 | 130* | 10 | 4 | 200 | 30 – 15k | BC109P |
| BC309P | 20 | 50 | 0.2 | 10 | 0.5 | 180 | 800 | 2 | 130* | 10 | 4 | 200 | 30 – 15k | BC239P |

*Typical.