



Transistors

Continued

| Type | Constr | Outline | P _{tot} | f _α | V _{cbo} | h _{fe} | at I _c | Notes | Price £ |
|---------|--------|---------|--------------------|-----------------------|------------------|--------------------|-------------------|---------------------------------|---------|
| BFY17 | S/NPN | T05 | 600mW | 245mc ⁽²⁾ | +40 | 35-110 | 10mA | VHF and D.C. Amplifiers | 0.40 |
| BFY18 | S/NPN | T018 | 300mW | 245mc ⁽²⁾ | +40 | 35-110 | 10mA | | 0.25 |
| BFY19 | S/NPN | T018 | 300mW | 400mc ⁽²⁾ | +30 | 35-200 | 10mA | VHF Amplifiers | 0.25 |
| BFY50 | S/NPN | T05 | 800mW | 60mc ⁽¹⁾ | +80 | 112 ⁽²⁾ | 150mA | General industrial applications | 0.20* |
| BFY51 | S/NPN | T05 | 800mW | 50mc ⁽¹⁾ | +60 | 123 ⁽²⁾ | 150mA | | 0.20* |
| BFY52 | S/NPN | T05 | 800mW | 50mc ⁽¹⁾ | +40 | 142 ⁽²⁾ | 150mA | | 0.20* |
| BSX19 | S/NPN | T018 | 360mW | 400mc ⁽¹⁾ | +40 | 20-60 | 10mA | Switching and HF | 0.17* |
| BSY26 | S/NPN | T018 | 300mW | 200mc ⁽¹⁾ | +20 | 20-60 | 10mA | General purpose fast switching | 0.17* |
| BSY27 | S/NPN | T018 | 300mW | 200mc ⁽¹⁾ | +20 | 40-120 | 10mA | Fast switching | 0.15* |
| BSY28 | S/NPN | T018 | 300mW | 300mc ⁽²⁾ | +15 | 10-60 | 50mA | | 0.17* |
| BSY29 | S/NPN | T018 | 300mW | 380mc ^{(2)*} | +15 | 40-120 | 10mA | | 0.50* |
| BSY65 | S/NPN | T018 | 300mW | 100mc ⁽²⁾ | +15 | 20 ⁽²⁾ | 10mA | VHF and Fast Switching | 0.20* |
| BSY95A | S/NPN | T018 | 300mW | 200mc ⁽¹⁾ | +20 | 50-200 | 10mA | G.P. Low Level Switching | 0.12* |
| D29/A4 | S/PNP | R067 | 200mW | 340mc ⁽²⁾ | -25 | 90 ⁽²⁾ | 50mA | VHF/UHF | 0.25 |
| GET113 | G/PNP | B | 200mW | 1.5mc ⁽²⁾ | -15 | 110 ⁽²⁾ | 1mA | | 0.20 |
| GET114 | G/PNP | B | 200mW | 1.0mc ⁽²⁾ | -15 | 30-80 | 1mA | Low power L.F. | 0.20 |
| GET116 | G/PNP | C | 440mW | 1.5mc ⁽²⁾ | -30 | 30 ⁽²⁾ | 50mA | | 0.50 |
| GET120 | G/PNP | C | 440mW | 1.0mc ⁽¹⁾ | -30 | 20 ⁽¹⁾ | 500mA | Switching | 0.40 |
| GET872 | G/PNP | B | 75mW | 6mc ⁽¹⁾ | -15 | 30-100 | 75mA | Switching | 0.30 |
| GET875 | G/PNP | B | 75mW | 12mc ⁽¹⁾ | -15 | 40-110 | 75mA | Switching | 0.30 |
| GET880 | G/PNP | T05 | 120mW | 3.5mc ⁽²⁾ | -15 | 75 ⁽²⁾ | 1mA | Low noise | 0.45 |
| GET882 | G/PNP | T05 | 100mW | 12.3mc ⁽²⁾ | -15 | 60-280 | 25mA | Medium Speed Switching | 0.30 |
| GET885 | G/PNP | T05 | 100mW | 20.0mc ⁽²⁾ | -15 | 60-380 | 25mA | | 0.40 |
| JTX4A | G/PNP | MT35 | 2W | 10kc ⁽²⁾ | -15 | 30 ⁽²⁾ | 100mA | AF and Switching | 0.30 |
| MPS6534 | S/PNP | X20B | 310mW | 260mc ⁽²⁾ | -40 | 110 ⁽²⁾ | 10mA | | 0.30 |
| NKT222 | G/PNP | T05 | 300mW | 0.75mc ⁽¹⁾ | -30 | 50-200 | 1mA | G.P. Switch | 0.20 |
| NKT223 | G/PNP | T05 | 180mW | 750kc ⁽²⁾ | -30 | 50-200 | 25mA | High gain Audio | 0.25 |
| NKT226 | G/PNP | T05 | 300mW | 0.75mc ⁽¹⁾ | -30 | 50-150 | 25mA | Low Noise Low Level | 0.35 |
| NKT240 | G/PNP | T05 | 300mW | - | -40 | 50-145 | 50mA | Audio Amplifier | 0.30 |
| NKT404 | G/PNP | T03 | 12W ⁽⁵⁾ | 10kc ⁽²⁾ | -60 | 50-150 | 1A | Power Ampl. | 0.55 |
| V30/30P | G/PNP | MT35 | 10W | 10kc ⁽²⁾ | -60 | 38 ⁽²⁾ | 2A | Audio Output | 1.00 |
| ZT20 | S/NPN | T05 | 350mW | 110mc ⁽²⁾ | +20 | 18-42 | 10mA | Ampl. and Switching | 1.00* |
| ZT83 | S/NPN | T05 | 300mW | 300mc ⁽²⁾ | +60 | 38-85 | 10mA | Low leakage, | 0.60* |
| ZT84 | S/NPN | T05 | 300mW | 300mc ⁽²⁾ | +60 | 75-150 | 10mA | Low Leakage | 0.60* |

Notes

- (1) Minimum value
 (2) Average value
 (3) Max. unilateralized power gain
 (4) Max. frequency of oscillation
 (5) With heat sink
- P_{tot}: Max. total dissipation in free air at 25°C ambient temp.
- V_{cbo}: Max. collector-to-base voltage, emitter open-circuited
- h_{fe}: Large signal (D.C.) or small signal forward current gain.
- * Collector connected to case.
 ** Shield connected to case.
 *** Base connected to case.