



# Transistors

## Continued

Type	Constr	Outline	P <sub>tot</sub>	f <sub>α</sub>	V <sub>cbo</sub>	h <sub>fe</sub>	at I <sub>c</sub>	Notes	Price £
BFY17	S/NPN	T05	600mW	245mc <sup>(2)</sup>	+40	35-110	10mA	VHF and D.C. Amplifiers	0.40
BFY18	S/NPN	T018	300mW	245mc <sup>(2)</sup>	+40	35-110	10mA		0.25
BFY19	S/NPN	T018	300mW	400mc <sup>(2)</sup>	+30	35-200	10mA	VHF Amplifiers	0.25
BFY50	S/NPN	T05	800mW	60mc <sup>(1)</sup>	+80	112 <sup>(2)</sup>	150mA	General industrial applications	0.20*
BFY51	S/NPN	T05	800mW	50mc <sup>(1)</sup>	+60	123 <sup>(2)</sup>	150mA		0.20*
BFY52	S/NPN	T05	800mW	50mc <sup>(1)</sup>	+40	142 <sup>(2)</sup>	150mA		0.20*
BSX19	S/NPN	T018	360mW	400mc <sup>(1)</sup>	+40	20-60	10mA	Switching and HF	0.17*
BSY26	S/NPN	T018	300mW	200mc <sup>(1)</sup>	+20	20-60	10mA	General purpose fast switching	0.17*
BSY27	S/NPN	T018	300mW	200mc <sup>(1)</sup>	+20	40-120	10mA	Fast switching	0.15*
BSY28	S/NPN	T018	300mW	300mc <sup>(2)</sup>	+15	10-60	50mA		0.17*
BSY29	S/NPN	T018	300mW	380mc <sup>(2)*</sup>	+15	40-120	10mA		0.50*
BSY65	S/NPN	T018	300mW	100mc <sup>(2)</sup>	+15	20 <sup>(2)</sup>	10mA	VHF and Fast Switching	0.20*
BSY95A	S/NPN	T018	300mW	200mc <sup>(1)</sup>	+20	50-200	10mA	G.P. Low Level Switching	0.12*
D29/A4	S/PNP	R067	200mW	340mc <sup>(2)</sup>	-25	90 <sup>(2)</sup>	50mA	VHF/UHF	0.25
GET113	G/PNP	B	200mW	1.5mc <sup>(2)</sup>	-15	110 <sup>(2)</sup>	1mA		0.20
GET114	G/PNP	B	200mW	1.0mc <sup>(2)</sup>	-15	30-80	1mA	Low power L.F.	0.20
GET116	G/PNP	C	440mW	1.5mc <sup>(2)</sup>	-30	30 <sup>(2)</sup>	50mA		0.50
GET120	G/PNP	C	440mW	1.0mc <sup>(1)</sup>	-30	20 <sup>(1)</sup>	500mA	Switching	0.40
GET872	G/PNP	B	75mW	6mc <sup>(1)</sup>	-15	30-100	75mA	Switching	0.30
GET875	G/PNP	B	75mW	12mc <sup>(1)</sup>	-15	40-110	75mA	Switching	0.30
GET880	G/PNP	T05	120mW	3.5mc <sup>(2)</sup>	-15	75 <sup>(2)</sup>	1mA	Low noise	0.45
GET882	G/PNP	T05	100mW	12.3mc <sup>(2)</sup>	-15	60-280	25mA	Medium Speed Switching	0.30
GET885	G/PNP	T05	100mW	20.0mc <sup>(2)</sup>	-15	60-380	25mA		0.40
JTX4A	G/PNP	MT35	2W	10kc <sup>(2)</sup>	-15	30 <sup>(2)</sup>	100mA	AF and Switching	0.30
MPS6534	S/PNP	X20B	310mW	260mc <sup>(2)</sup>	-40	110 <sup>(2)</sup>	10mA		0.30
NKT222	G/PNP	T05	300mW	0.75mc <sup>(1)</sup>	-30	50-200	1mA	G.P. Switch	0.20
NKT223	G/PNP	T05	180mW	750kc <sup>(2)</sup>	-30	50-200	25mA	High gain Audio	0.25
NKT226	G/PNP	T05	300mW	0.75mc <sup>(1)</sup>	-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 <sup>(5)</sup>	10kc <sup>(2)</sup>	-60	50-150	1A	Power Ampl.	0.55
V30/30P	G/PNP	MT35	10W	10kc <sup>(2)</sup>	-60	38 <sup>(2)</sup>	2A	Audio Output	1.00
ZT20	S/NPN	T05	350mW	110mc <sup>(2)</sup>	+20	18-42	10mA	Ampl. and Switching	1.00*
ZT83	S/NPN	T05	300mW	300mc <sup>(2)</sup>	+60	38-85	10mA	Low leakage,	0.60*
ZT84	S/NPN	T05	300mW	300mc <sup>(2)</sup>	+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<sub>tot</sub>: Max. total dissipation in free air at 25°C ambient temp.
- V<sub>cbo</sub>: Max. collector-to-base voltage, emitter open-circuited
- h<sub>fe</sub>: Large signal (D.C.) or small signal forward current gain.
- \* Collector connected to case.
- \*\* Shield connected to case.
- \*\*\* Base connected to case.