



Transistors

Continued

Type	Constr	Outline	P _{tot}	f _α	V _{cbo}	h _{fe}	at I _c	Notes	Price £
2N987	G/PNP	T018	100mW	100mc ⁽²⁾	-40	40-250	1mA	VHF	0.30**
2N1131	S/PNP	T05	600mW	50mc ⁽²⁾	-50	20-45	150mA	HF Ampl. and Switching	0.25*
2N1132	S/PNP	T05	600mW	60mc ⁽²⁾	-50	30-90	150mA	Complem. to 2N697	0.25*
2N1146A	G/PNP	T03	90W	4kc ⁽²⁾	-60	60-150	5A		1.75
2N1146B	G/PNP	T03	90W	4kc ⁽²⁾	-80	60-150	5A		2.00
2N1184	G/PNP	T08	7.5W ⁽⁵⁾	500kc ⁽¹⁾	-45	40-120	400mA	Ampl. and Switching	1.25*
2N1302	G/NPN	T05	150mW	10mc ⁽²⁾	+25	50 ⁽²⁾	10mA	Complementary transistors for Medium current medium speed logic and general industrial application	0.17***
2N1303	G/PNP	T05	150mW	5mc ⁽²⁾	-30	50 ⁽²⁾	10mA		0.17***
2N1304	G/NPN	T05	150mW	15mc ⁽²⁾	+25	40-100	10mA		0.20*
2N1305	G/PNP	T05	150mW	10mc ⁽²⁾	-30	40-100	10mA		0.20***
2N1306	G/NPN	T05	150mW	20mc ⁽²⁾	+25	60-200	10mA		0.25***
2N1307	G/PNP	T05	150mW	15mc ⁽²⁾	-30	60-200	10mA		0.25***
2N1308	G/NPN	T05	150mW	30mc ⁽²⁾	+25	80-300	10mA		0.25***
2N1309	G/PNP	T05	150mW	20mc ⁽²⁾	-30	80-300	10mA		Medium current medium speed logic
2N1554	G/PNP	T03	100W ⁽⁵⁾	6kc ⁽²⁾	-60	30-60	10A	AF power	1.25
2N1613	S/NPN	T05	800mW	60mc ⁽¹⁾	+75	40-120	150mA	G.P. and Switching	0.17*
2N1711	S/NPN	T05	800mW	70mc ⁽¹⁾	+75	100-300	150mA		0.20*
2N1756	G/PNP	MS7	28W	15kc ⁽²⁾	-60	55 ⁽²⁾	500mA		0.75
2N1905	G/PNP	T03	30W ⁽⁵⁾	75kc ⁽²⁾	+100	50-150	1A	Inverters, wide band amplifiers	2.10
2N2147	G/PNP	T03	12.5W	4mc ⁽²⁾	-75	150 ⁽²⁾	1A	Audio Amplifiers	0.75
2N2160		UJ	R _{BB} =4-12k; η=.47-.80; I _v =8mA; I _p =25 μA					Unijunction	0.60
2N2217	S/NPN	T05	800mW	250mc ⁽¹⁾	+60	20-60	150mA	High speed Switching D.C. Ampl. and VHF/UHF	0.25*
2N2218	S/NPN	T05	800mW	250mc ⁽¹⁾	+60	40-120	150mA		0.20*
2N2219	S/NPN	T05	800mW	250mc ⁽¹⁾	+60	100-300	150mA		0.20*
2N2369A	S/NPN	T018	360mW	500mc ⁽²⁾	+40	40-120	10mA	VHF/UHF	0.15*
2N2477	S/NPN	T05	600mW	250mc ⁽¹⁾	+60	40 ⁽¹⁾	150mA	High speed Switch	0.65*
2N2646	S/PNP	UJ	R _{BB} =4.7-9.1k; η=.56-.75; I _v =4mA; I _p =5 μA					Unijunction	0.40*
2N2905	S/PNP	T05	600mW	200mc ⁽¹⁾	-40	100-300	150mA	DC to VHF Ampl.	0.25*
2N2923	S/NPN	R067	200mW	120mc ⁽²⁾	+25	90-180	2mA	Wide band	0.12
2N2924	S/NPN	R067	200mW	120mc ⁽²⁾	+25	150-300	2 μA	Amplifiers	0.13
2N2926	S/NPN	R067	200mW	120mc ⁽²⁾	+18	35-70	2mA	Brown	0.10

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.