



Transistors

Continued

Type	Constr	Outline	P _{tot}	f _α	V _{cb0}	h _{fe}	at I _c	Notes	Price £
BD116	S/NPN	T03	15W	30mc ⁽¹⁾	+80	20 ⁽²⁾	2A	General Audio Application and R.F. Power	0.65
BD121	S/NPN	T03	45W	95mc ⁽²⁾	+60	55 ⁽²⁾	1A		0.65
BD123	S/NPN	T03	45W	85mc ⁽²⁾	+90	55 ⁽²⁾	1A		0.80
BD124	S/NPN	MD17	15W	60mc ⁽¹⁾	+70	60 ⁽²⁾	0.5A	T.V. Frame o/p stage	0.60
BD131	S/NPN	T0126	11W	60mc ⁽²⁾	+70	40 ⁽¹⁾	0.5A	Complimentary pair for Audio Output stages	0.75
BD132	S/PNP	T0126	11W	60mc ⁽²⁾	-45	40 ⁽¹⁾	0.5A		0.80
BD133	S/NPN	T0126	11W	60mc ⁽²⁾	+90	40 ⁽¹⁾	0.5A	General purpose	0.80
BD135	S/NPN	T0126	6.5W	250mc ⁽²⁾	+45	40-250	150mA	Hi-Fi Amplifiers	0.80
BF115	S/NPN	T072	145mW	130mc ⁽²⁾	+50	90 ⁽²⁾	1mA	AM/FM	0.20**
BF154	S/NPN	R097	300mW	400mc ⁽²⁾	+30	50 ⁽²⁾	10mA	VHF Amplifier	0.20
BF167	S/NPN	T072	130mW	350mc ⁽²⁾	+40	57 ⁽²⁾	4mA	TV video I.F.	0.18**
BF173	S/NPN	T072	260mW	550mc ⁽²⁾	+40	50 ⁽²⁾	1mA	TV video I.F. output	0.20**
BF178	S/NPN	T05	600mW	120mc ⁽²⁾	+160	20 ⁽¹⁾	30mA	Video output stages in monochrome TV receivers	0.20*
BF179	S/NPN	T05	500mW	120mc ⁽²⁾	+250	20 ⁽¹⁾			0.30*
BF180	S/NPN	T072	150mW	900mc ⁽²⁾	+30	12db ⁽³⁾	-	TV R.F. Amplifier	0.30**
BF181	S/NPN	T072	150mW	600mc ⁽²⁾	+30	11db ⁽³⁾	2mA	UHF mixer	0.30**
BF184	S/NPN	T072	145mW	300mc ⁽²⁾	+30	75-750	1mA	I.F. Ampl. for car radios and AM/FM Receivers	0.20**
BF185	S/NPN	T072	145mW	220mc ⁽²⁾	+30	34-140	1mA	Car radio input stages	0.20**
BF194	S/NPN	PL1	220mW	260mc ⁽²⁾	+30	115 ⁽²⁾	1mA	TV sound I.F., car radio I.F. Amplifiers	0.14
BF195	S/NPN	PL1	220mW	200mc ⁽²⁾	+30	67 ⁽²⁾	1mA	Input stages for AM/FM Receivers, Mixer and I.F. for AM Receivers	0.14
BF196	S/NPN	PL1	250mW	400mc ⁽²⁾	+40	39db ⁽³⁾	4mA	Forward gain control stage for TV I.F. Amplifiers	0.12
BF197	S/NPN	PL1	250mW	550mc ⁽²⁾	+40	41db ⁽³⁾	7mA	TV I.F. Output stage	0.12
BF200	S/NPN	T072	150mW	270mc ⁽²⁾	+30	22db ⁽³⁾	-	VHF TV and FM Tuners	0.35**
BFW87	S/PNP	PL1A	300mW	100mc ⁽¹⁾	-60	80 ⁽¹⁾	150mA	G.P.	0.25
BFW88	S/PNP	PL1A	300mW	100mc ⁽¹⁾	-60	40 ⁽¹⁾	150mA		0.20
BFW89	S/PNP	PL1A	300mW	100mc ⁽¹⁾	-40	80 ⁽¹⁾	150mA		0.20
BFW91	S/PNP	PL1A	300mW	100mc ⁽¹⁾	-20	40 ⁽¹⁾	150mA		0.20
BFX88	S/PNP	T05	600mW	100mc ⁽²⁾	-40	125 ⁽²⁾	10mA		G.P. Industrial
BFY10	S/NPN	T05	275mW	60mc ⁽¹⁾	+45	25-50	10mA	R.F. Amplifiers	0.50
BFY11	S/NPN	T05	275mW	60mc ⁽¹⁾	+45	40-125	10mA		0.50

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_{cb0}: 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.