



Transistors

Continued

Type	Constr	Outline	P_{tot}	f_c	V_{cbo}	h_{fe}	at I_c	Notes	Price £
ADZ11	G/PNP	T036	45W	80kc ⁽¹⁾	-50	25 ⁽¹⁾	5A	General	1.25*
ADZ12	G/PNP	T036	45W	100kc ⁽¹⁾	-80	25 ⁽¹⁾	5A		Industrial
AF114	G/PNP	T07	50mW	75mc ⁽²⁾	-20	150 ⁽²⁾	1mA	100mc AM/FM Ampl.	0.17**
AF115	G/PNP	T07	50mW	100mc ⁽²⁾	-20	150 ⁽²⁾	1mA	AM/FM Mixer/Oscillator	0.17**
AF116	G/PNP	T07	50mW	75mc ⁽²⁾	-20	150 ⁽²⁾	1mA	IF Ampl. for F.M.	0.17**
AF117	G/PNP	T07	50mW	100mc ⁽²⁾	-20	150 ⁽²⁾	1mA	Mixer/Oscillator IF & RF Ampl. for MW/LW	0.17**
AF118	G/PNP	T07	375mW ⁽⁵⁾	125mc ⁽¹⁾	-70	180 ⁽²⁾	10mA	Video Amplifiers	0.30**
AF124	G/PNP	T072	50mW	75mc ⁽²⁾	-20	150 ⁽²⁾	1mA	100mc/s AM/FM Ampl.	0.25**
AF125	G/PNP	T072	50mW	75mc ⁽²⁾	-20	150 ⁽²⁾	1mA	AM/FM and SW Mixer/Osc.	0.20**
AF126	G/PNP	T072	50mW	75mc ⁽²⁾	-20	150 ⁽²⁾	1mA	FM I.F. Amplifier	0.20**
AF127	G/PNP	T072	50mW	75mc ⁽²⁾	-20	150 ⁽²⁾	1mA	Mixer Osc. and IF Ampl. for MW and LW	0.20**
AF139	G/PNP	T018	60mW	550mc ⁽²⁾	-20	10 ⁽¹⁾	1.5mA	Mixer and Osc. for UHF	0.30
AF178	G/PNP	T012	75mW	180mc ⁽²⁾	-25	20 ⁽¹⁾	1mA		0.50
AF180	G/PNP	T012	156mW	200mc ⁽¹⁾	-25	25db ⁽³⁾	3mA	TV Tuners	0.35**
AF181	G/PNP	T012	156mW	105mc ⁽¹⁾	-30	20 ⁽¹⁾	3mA	TV Video Ampl.	0.35**
AF186	G/PNP	R096	90mW		-25	20 ⁽²⁾		Mixer/Oscillator 900 mc/s.	0.40**
AF239	G/PNP	T018	60mW	650mc ⁽²⁾	-20	33 ⁽²⁾	2mA	Mixer /Oscillator 900 mc/s.	0.36**
AFZ11	G/PNP	T072	83mW	140mc ⁽²⁾	-20	70 ⁽²⁾	1mA	Low Noise 100Mc Ampl.	0.45**
AFZ12	G/PNP	T072	83mW	180mc ⁽²⁾	-20	70 ⁽²⁾	1mA	Low Noise 200Mc Ampl.	1.00**
ASY26	G/PNP	T05	150mW	4.0mc ⁽¹⁾	-30	30-80	20mA	Switching	0.25***
ASY27	G/PNP	T05	150mW	6.0mc ⁽¹⁾	-25	50-150	20mA	Switching	0.30***
ASY28	G/NPN	T05	150mW	14mc ⁽²⁾	+30	30-80	20mA	Switching	0.25***
ASY29	G/NPN	T05	150mW	20mc ⁽²⁾	+25	50-150	20mA	Switching	0.30***
ASY54	G/PNP	R047	200mW	6.0mc ⁽²⁾	-30	15-95	100mA	Lower Power Switching	0.25
ASY74	G/NPN	T05	140mW	6.0mc ⁽¹⁾	+30	40 ⁽¹⁾	50mA		0.50
ASY77	G/PNP	T05	500mW	300mc ⁽²⁾	-60	25-130	300mA		0.35***
ASY82	G/PNP	T01	200mW	1.5mc ⁽²⁾	-26	130 ⁽²⁾	10mA		0.20
ASY86	G/NPN	T01	200mW	2.0mc ⁽²⁾	+16	120 ⁽²⁾	10mA		0.20
ASZ15	G/PNP	T03	30W	250kc ⁽²⁾	-80	20-55	1A	A.F. Output	0.70
ASZ16	G/PNP	T03	30W	250kc ⁽²⁾	-60	45-130	1A		0.70
ASZ17	G/PNP	T03	30W	220kc ⁽²⁾	-60	25-75	1A		0.75
ASZ18	G/PNP	T03	30W	220kc ⁽²⁾	-100	30-110	1A		0.75

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.