



# Transistors

Type	Constr	Outline	P <sub>tot</sub>	f <sub>cc</sub>	V <sub>cbo</sub>	h <sub>fe</sub>	at I <sub>c</sub>	Notes	Price £
OC16	G/PNP	MT34	10W	200kc <sup>(2)</sup>	-32	10-56	2A	G.P. Power	0.50
OC22	G/PNP	T03	15W	2mc <sup>(2)</sup>	-32	50 <sup>(1)</sup>	1A	G.P. Power	0.50
OC23	G/PNP	T03	15W	2.5mc <sup>(2)</sup>	-55	50 <sup>(1)</sup>	1A	H.F. Power	0.60
OC24	G/PNP	T03	15W	2.5mc <sup>(2)</sup>	-47	50 <sup>(1)</sup>	1A	H.F. Power	0.60
OC25	G/PNP	T03	22.5W		-40	15-80	1A	G.P. Power	0.35
OC26	G/PNP	T03	12.5W	250kc <sup>(2)</sup>	-32	20-60	1A	Car Radio Output Stage	0.25
OC28	G/PNP	T03	30W	250kc <sup>(2)</sup>	-80	20-55	1A	D.C. Converters	0.50
OC29	G/PNP	T03	30W	250kc <sup>(2)</sup>	-60	45-130	1A	Switching	0.60
OC35	G/PNP	T03	30W	250kc <sup>(2)</sup>	-60	25-75	1A	G.P. Power	0.50
OC36	G/PNP	T03	30W	250kc <sup>(2)</sup>	-80	30-110	1A	G.P. Power	0.45
OC42	G/PNP	R08	50mW	5.5mc <sup>(1)</sup>	-16	70 <sup>(2)</sup>	50mA	Switching	0.20
OC43	G/PNP	R08	80mW	12mc <sup>(1)</sup>	-15	50-200	50mA	Switching	0.45
OC44	G/PNP	R09	40mW	15mc <sup>(2)</sup>	-15	100 <sup>(2)</sup>	1mA	Mixer/Oscillator	0.15
OC45	G/PNP	R09	40mW	3-12mc	-15	50 <sup>(2)</sup>	1mA	465 kc/s I.F.	0.12
OC58	G/PNP	R019	20mW	10kc <sup>(1)</sup>	-7	30 <sup>(1)</sup>	250µA	Hearing Aids	0.50
OC70	G/PNP	R09	75mW	15kc <sup>(2)</sup>	-30	20-40	.5mA	Audio Amplifiers	0.10
OC71	G/PNP	R09	75mW	11kc <sup>(2)</sup>	-30	30-75	3mA	Audio Amplifiers	0.12
OC72	G/PNP	R08	75mW	350kc <sup>(1)</sup>	-15	45-120	10mA	Class 'B' Output	0.12
OC73	G/PNP	R09	75mW	500kc <sup>(1)</sup>	-32	30-65	.5mA	Amplifiers/Oscillators	0.30
OC75	G/PNP	R09	75mW	900kc <sup>(2)</sup>	-30	60-130	3mA	High Gain Amplifiers	0.15
OC76	G/PNP	R08	75mW	350kc <sup>(1)</sup>	-32	45 <sup>(1)</sup>	10mA	G.P. and Switching	0.15
OC77	G/PNP	R08	75mW	350kc <sup>(1)</sup>	-60	45 <sup>(1)</sup>	10mA	Oscillator and Switching	0.35
OC78	G/PNP	R08	75mW	350kc <sup>(2)</sup>	-20	25 <sup>(2)</sup>	125mA	AF Output	0.25
OC78D	G/PNP	R08	75mW	350kc <sup>(2)</sup>	-18			Driver for OC78	0.20
OC81	G/PNP	R08	100mW		-20	45 <sup>(2)</sup>	300mA	AF Output	0.20
OC81D	G/PNP	R08	100mW		-32			Driver for OC81	0.20
OC83	G/PNP	R08/T01	160mW	850kc <sup>(2)</sup>	-32	50-280	50mA	Switching and DC Ampl.	0.20
OC84	G/PNP	R08/T01	160mW	1mc <sup>(2)</sup>	-32	60-200	50mA	Switching and DC Ampl.	0.25
OC122	G/PNP	T07	295mW	1.3mc <sup>(2)</sup>	-32	60-500	100mA	High quality Audio Ampl.	0.60
OC139	G/NPN	R09	140mW	3.5mc <sup>(1)</sup>	+20	20-84	15mA	High Current	0.30
OC140	G/NPN	R09	140mW	4.5mc <sup>(1)</sup>	+20	50-150	15mA	High Speed	0.35
OC141	G/NPN	R09	140mW	9.0mc <sup>(1)</sup>	+20	80-200	15mA	switching	0.60
OC170	G/PNP	T07	50mW	10mc <sup>(4)</sup>	-20	150 <sup>(2)</sup>	1mA	10mc/s I.F.	0.25
OC171	G/PNP	T07	50mW	100mc <sup>(4)</sup>	-20	150 <sup>(2)</sup>	1mA	VHF Amplifier	0.25

## 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.