

Silicon NPN Transistors

Type	Construction	P _c Max. (mW)	Typical f _T or *f ₁ † fab (MHz)	Absolute Max. Ratings				Typical h _{FE} at (mA) (or *h _{fe})	Max I _{CBO} at V _{CB}		Application	Base Ref.
				V _{CB0} (V)	V _{CE0} (V)	V _{EB0} (V)	I _C (mA)		μA	V		
40323	PE	5W	120	—	18	—	900	210 at 50	0.25	15	Pre-driver	2
40326	PE	5W	120	—	40	—	900	120 at 10	0.25	15		2
40360	PE	5W	120	—	70	—	900	120 at 10	—	—	Driver	2
40361	PE	5W	120	—	70	—	900	210 at 50	—	—	2	
40366	PE	5W	120	—	65	—	900	80 at 150	0.002	60	General purpose	2
40389	PE	5W	120	—	40	—	900	150 at 150	0.25	30		2
40392	PE	5W	120	—	40	—	900	150 at 150	0.25	30	2	
40407	PE	5W	120	—	50	—	900	120 at 1	0.25	10	Pre-driver	2
40408	PE	5W	120	—	90	—	900	120 at 10	—	—		2
40409	PE	5W	120	—	90	—	900	150 at 150	—	—	Driver	2
40544	PE	5W	120	—	50	—	900	117 at 50	10	40	2	
40611	PE	5W	120	—	25	—	900	285 at 50	0.5	15	Driver	2
40616	PE	5W	120	—	32	—	900	285 at 50	0.5	15		2
40625	PE	5W	120	—	45	—	900	200 at 150	0.25	60	2	
40628	PE	5W	120	—	55	—	900	200 at 150	0.25	60		
40635	PE	5W	120	—	70	—	900	150 at 150	—	—	2	
40814	PE	5W	120	—	45	—	900	150 at 10	—	—	Pre-driver	2
2N1479	H	8.75W	1.4	—	40	—	900	40 at 200	10	30	D.C./D.C. converter	2
2N1480	H	8.75W	1.4	—	55	—	900	40 at 200	10	30	Chopper	2
2N1481	H	8.75W	1.4	—	40	—	900	67 at 200	10	30	Amplifiers	2
2N1482	H	8.75W	1.4	—	55	—	900	67 at 200	10	30	Actuators	2
40347	H	8.75W	1.4	—	40	—	900	62 at 450	1	30	Audio drivers	2
40348	H	8.75W	1.4	—	65	—	900	77 at 300	1	60	Relay driver	2
40367	H	8.75W	1.4	—	55	—	900	67 at 200	4	30	Actuators	2
40349	H	8.75W	1.5	—	140	—	900	72 at 150	1	90	General purpose	2
40316	H	10W	0.8	—	40	—	3A	70 at 1A	10	15	1	
40610	H	10W	1	—	25	—	2.5A	60 at 1.2A	—	—	Audio amplifiers	2
40615	H	10W	1	—	30	—	2.5A	60 at 1.2A	—	—		2
40620	H	10W	1	—	32	—	2.5A	60 at 1.5A	—	—		2
BF257	PE	10W	15	—	160	—	2A	25‡ at 30	0.05	100	High speed	2
BF258	PE	10W	15	—	250	—	2A	25‡ at 30	0.05	200		2
BF259	PE	10W	15	—	300	—	2A	25‡ at 30	0.05	300	High power	2
2N3440	PE	10W	15	—	250	—	2A	100 at 20	—	—	Fast switching	2
2N3439	PE	10W	15	—	350	—	2A	100 at 20	—	—		2
2N4063	PE	10W	15	—	350	—	2A	100 at 20	—	—		2
2N4064	PE	10W	15	—	250	—	2A	100 at 20	—	—	2	
40321	PE	10W	15	—	300	—	2A	112 at 20	—	—	Audio drivers	2
40327	PE	10W	15	—	300	—	2A	145 at 20	—	—		2
40346	PE	10W	15	—	175	—	2A	25‡ at 10	—	—	'Nixie' driver	2
40385	PE	10W	15	—	350	—	2A	100 at 20	—	—	Fast switching	2
40390	PE	10W	15	—	250	—	2A	100 at 20	—	—		2
40412	PE	10W	15	—	250	—	2A	40‡ at 30	—	—	Audio amplifiers	2
40986	PE	10W	15	—	175	—	2A	60 at 10	—	—	Pre-driver	2
40990	PE	10W	15	—	175	—	2A	145 at 1	—	—	Amplifier input	2
40998	PE	10W	15	—	100	—	2A	60 at 10	—	—	Pre-driver	2
2N5320	P	10W	50	—	75	—	1.5A	80 at 500	—	—	General purpose	2
2N5321	P	10W	50	—	50	—	1.5A	145 at 500	—	—		2
40539	P	10W	50	—	55	—	1.5A	102 at 500	—	—	Audio amplifiers	2
40594	P	10W	50	—	95	—	1.5A	210 at 300	—	—	Drivers	2
2N6175	—	20W	20	—	250	—	2A	110 at 20	—	—	Fast switching	51
2N6176	—	20W	20	—	300	—	2A	90 at 20	—	—		51
2N6177	—	20W	20	—	350	—	2A	90 at 20	—	—		51
2N3054	H	25W	0.8	—	55	—	3A	62 at 500	—	—	General purpose	1
40250	H	25W	0.8	—	40	—	3A	62 at 1.5A	1	30		1
40372	H	25W	0.8	—	55	—	3A	62 at 500	—	—		1
2N1483	H	25W	1.2	—	40	—	2A	40 at 750	15	30	D.C./D.C. converter	3
2N1484	H	25W	1.2	—	55	—	2A	40 at 750	15	30	Chopper	3
2N1485	H	25W	1.2	—	40	—	2A	67 at 750	15	30	Servo amplifiers	3
2N1486	H	25W	1.2	—	55	—	2A	67 at 750	15	30	Actuators	3
40368	H	25W	1.2	—	55	—	2A	67 at 750	9	30		3
2N6178	—	25W	50	—	75	—	1.5A	80 at 500	—	—	General purpose	51

Continued