

# POWER SILICON NPN

Item Number	Part Number	Manufacturer	I <sub>c</sub> Max (A)	V <sub>(BR)CEO</sub> (V)	h <sub>FE</sub>		f <sub>T</sub> (Hz)	I <sub>CB0</sub> Max (A)	t <sub>r</sub> Max (s)	t <sub>f</sub> Max (s)	P <sub>D</sub> Max (W)	T <sub>Oper</sub> Max (°C)	Package Style
					Min	Max							
<b>I(C) &gt;= 1 A, (Cont'd)</b>													
-	40347V1	Diode Trans	1.5	40	25	100		1.0u			4.4	175 J	TO-5var
-	40347V1	SemiconTech	1.5	40	25	100		1.0u			4.4	175 J	TO-5var
-	40347V1	GE Solid St	1.5	40	25	100		1.0u			4.4	175 J	TO-5var
-	40347V2	Sld St Dvcs	1.5	40	25	100		1.0u			11	175 J	TO-37var
5	40347V2	SemiconTech	1.5	40	25	100		1.0u			11	175 J	TO-37var
-	2SC1014	Solid Stinc	1.5	40	35	300	70M	1.0u	200n	1.2u	7.0	140 J	TO-202var
-	MJE720	See Index	1.5	40	40			500u			1.2	140 J	TO-126var
-	KT815A	V/O Electro	1.5	40	40		3.0M	50u			10	125 J	TO-126var
-	2SD1295	Matsushita	1.5	40	50	220	50M	1.0u			20	140 J	DPAK
10	2SD361	MitsubiElec	1.5	40	55	180	70M	1.0u			10	140 J	N/A
-	PTC193	Mallory	1.5	40	70		70M	1.0u	200n		7.0		TO-202var
-	40899	CrimsonSemi	1.5	45				2.0m			14	175 J	TO-201AA
-	BD825-10	Siemens Akt	1.5	45	25		50M	100n			8.0	140 J	TO-202
-	BD825-16	Siemens Akt	1.5	45	25		50M	100n			8.0	140 J	TO-202
15	BD825-6	Siemens Akt	1.5	45	25		50M	100n			8.0	140 J	TO-202
-	BD165	CentralSemi	1.5	45	40		3.0M	100u			20	140 J	TO-126
-	BD165	Comset Semi	1.5	45	40		3.0M	100u			20	140 J	TO-126
-	BD165	Motorola	1.5	45	40		3.0M	100u			20	140 J	TO-126
-	BDC01A	Motorola	1.5	45	40	400	50M	100n			2.5	140 J	TO-226AE
20	BD371A6	Mistral SpA	1.5	45	40	100	50M				1.2		TO-92
-	BD373A6	Mistral SpA	1.5	45	40	100	50M				1.2		TO-92
-	BD135	See Index	1.5	45	40	250	250M	100n			8.0	140 J	TO-126
-	BD135-6	See Index	1.5	45	40	100	250M	100n			8.0	140 J	TO-126
-	NSD102	Natl Semi	1.5	45	50	150	60M	100n			10	140 J	TO-202AA
25	BD371A10	Mistral SpA	1.5	45	63	160	50M				1.2		TO-92
-	BD373A10	Mistral SpA	1.5	45	63	160	50M				1.2		TO-92
-	BD825	See Index	1.5	45	63	250	50M	100n			2.0	140 J	TO-202AA
-	BD371A16	Mistral SpA	1.5	45	100	250	50M				1.2		TO-92
-	BD373A16	Mistral SpA	1.5	45	100	250	50M				1.2		TO-92
30	BD135-16	See Index	1.5	45	100	250	250M	100n			8.0	140 J	TO-126
-	NSD103	Natl Semi	1.5	45	120	360	60M	100n			10	140 J	TO-202AA
-	2SD223	Solid Stinc	1.5	50	20	180	8.0M	10u	300n	2.6u	10	140 J	TO-37(4)
-	NB312K	Natl Semi	1.5	50	30		20M	500n			1.7	140 J	TO-202
-	NB312M	Natl Semi	1.5	50	30		20M	500n			1.7	140 J	TO-202
35	KT815B	V/O Electro	1.5	50	40		3.0M	50u			10	125 J	TO-126var
-	2SC1728	Solid Stinc	1.5	50	98	649	80M	200n			7.9	125 J	TO-202var
-	2SC1760	Solid Stinc	1.5	50	98	649	80M	200n			7.9	125 J	TO-202var
-	2SD1637	Rohm Co Ltd	1.5	50	1.0k	10k					10		TO-126
-	2SD1637	Rohm Corp	1.5	50	1.0k	10k					10		TO-126
40	2SD1800	Sanyo Elect	1.5	50	4.0k		120M	100n			10	140 J	TO-251var
-	40367	See Index	1.5	55	35	100		4.0n			1.0	175 J	TO-5
-	40367L	SemiconTech	1.5	55	35	100		4.0u			1.0	175 J	TO-5
-	40367S	SemiconTech	1.5	55	35	100		4.0u			1.0	175 J	TO-39
45	2S013A	See Index	1.5	60	15	50	5.0M				4.0	140 J	TO-53
-	2N1479	See Index	1.5	60	20	60	1.5M	10u			5.0	175 C	TO-5
-	2SC524	ToshibaCorp	1.5	60	30	150	60M	1.0u	130n	200n	10	175 J	TO-37var
-	2N1481	See Index	1.5	60	35	100	1.5M	10u			5.0	175 C	TO-5
-	MJE721	See Index	1.5	60	40			500u			1.2	140 J	TO-126var
-	BD167	See Index	1.5	60	40		3.0M	100u			20	140 J	TO-126
50	BDC01B	Motorola	1.5	60	40	400	50M	100n			2.5	140 J	TO-226AE
-	BD371B6	Mistral SpA	1.5	60	40	100	50M				1.2		TO-92
-	BD373B6	Mistral SpA	1.5	60	40	100	50M				1.2		TO-92
-	BD137	See Index	1.5	60	40	250	250M	100n			8.0	140 J	TO-126
-	BD137-6	See Index	1.5	60	40	100	250M	100n			8.0	140 J	TO-126
55	2SD328	Elec Trans	1.5	60	60	320	50M	1.0u			800m	140	TO-39
-	BD371B10	Mistral SpA	1.5	60	63	160	50M				1.2		TO-92
-	BD373B10	Mistral SpA	1.5	60	63	100	50M				1.2		TO-92
-	BD827	See Index	1.5	60	63	250	50M	100n			2.0	140 J	TO-202AA
-	BD137-10	See Index	1.5	60	63	160	250M	100n			8.0	140 J	TO-126
60	BD137-16	Sid Micro	1.5	60	100	250	250m	100n			8.0	135 J	TO-126
-	BD137-16	PhilipsElec	1.5	60	100	250	250m	100n			8.0	135 J	TO-126
-	BD371B16	Mistral SpA	1.5	60	100	250	50M				1.2		TO-92
-	BD373B16	Mistral SpA	1.5	60	100	250	50M				1.2		TO-92
65	2SD1638	Rohm Co Ltd	1.5	60	1.0k	10k					10		TO-126
-	2SD1853	Sanyo Elect	1.5	60	1.0k			10u			700m	140 J	TO-92
-	2SD985	NEC Corp JA	1.5	60	8.0k	30k		10u	.50u	1.0u	10	140 J	TO-126
-	SD1528-1	ThmsnCSFEFC	1.5	65			2.5m				87	175 J	Macro-X
-	SD1528-8	ThmsnCSFEFC	1.5	65			2.5				87	175 J	RFMOD
-	40348	See Index	1.5	65	30	125	1.0u				1.0	175 J	TO-5
70	40348V1	Diode Trans	1.5	65	30	125	1.0u				4.4	175 J	TO-5var
-	40348V1	SemiconTech	1.5	65	30	125	1.0u				4.4	175 J	TO-5var
-	40348V1	GE Solid St	1.5	65	30	125	1.0u				4.4	175 J	TO-5var
-	40348V2	Sld St Dvcs	1.5	65	30	125	1.0u				11	175 J	TO-37var
75	40348V2	SemiconTech	1.5	65	30	125	1.0u				11	175 J	TO-37var
-	NB313K	Natl Semi	1.5	65	30		20M	500n			1.7	140 J	TO-202
-	NB313M	Natl Semi	1.5	65	30		20M	500n			1.7	140 J	TO-202
-	KT815V	V/O Electro	1.5	70	40		3.0M	50u			10	125 J	TO-126var
-	2SC916	Hybrid Semi	1.5	70	70			10u	63n	210n	2.0	175 J	TO-8
-	2SD238	Semi Inc	1.5	80	20	180	8.0M	10u	300n	2.6u	10	140 J	TO-66
80	2SD238	Advncd Semi	1.5	80	20	180	8.0M	10u	300n	2.6u	10	140 J	TO-66
-	MJE722	See Index	1.5	80	40			500u			1.2	140 J	TO-126var
-	BD169	See Index	1.5	80	40		3.0M	100u			20	140 J	TO-126
-	BDC01C	Motorola	1.5	80	40	400	50M	100n			2.5	140 J	TO-226AE
85	BD371C6	Mistral SpA	1.5	80	40	100	50M				1.2		TO-92
-	BD373C6	Mistral SpA	1.5	80	40	100	50M				1.2		TO-92
-	BD139	See Index	1.5	80	40	250	250M	100n			8.0	140 J	TO-126
-	BD139-6	See Index	1.5	80	40	100	250M	100n			8.0	140 J	TO-126
-	BD371C10	Mistral SpA	1.5	80	63	160	50M				1.2		TO-92
-	BD373C10	Mistral SpA	1.5	80	63	160	50M				1.2		TO-92
90	BD829	See Index	1.5	80	63	250	50M	100n			2.0	140 J	TO-202AA
-	BD139-10	See Index	1.5	80	63	160	250M	100n			8.0	140 J	TO-126
-	BD139-16	Sid Micro	1.5	80	100	250	250M	100n			8.0	135 J	TO-126
-	BD139-16	PhilipsElec	1.5	80	100	250	250M	100n			8.0	135 J	TO-126
95	2SD986	NEC Corp JA	1.5	80	8.0k	30k		10u	.50u	1.0u	10	140 J	TO-126
-	2SC791	Solid Stinc	1.5	90	40	250	20M	120u			15	140 J	TO-66
-	2N1480	See Index	1.5	100	20	60	1.5M	10u			5.0	175 C	TO-5
-	KT815G	V/O Electro	1.5	100	30		3.0M	50u			10	125 J	TO-126var