

# 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>CBO</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) &lt; 1 A, (Cont'd)</b>													
-	TRS7015S	See Index	400m	700	20	30	50M	10u			2.0	175 A	TO-37var
-	SRS7014	SemiconTech	400m	700	30		15M	10u			1.0	175 J	TO-5
-	SRS7504	SemiconTech	400m	750	30		15M	10u			1.0	175 J	TO-5
-	SRS8014	SemiconTech	400m	800	30		15M	10u			1.0	175 J	TO-5
5	MSP100	SemiconTech	400m	1.0k	30	180	35M	12u			2.0	175 A	TO-37var
-	MSP100	Hybrid Semi	400m	1.0k	30	180	35M	12u			2.0	175 A	TO-37var
-	2N5922	See Index	425m	35				4.0m			5.0	175 S	SIX-8
-	2N4429	See Index	425m	35	20	200		1.0m			5.0	175 J	TO-117
-	2N4428	See Index	425m	35	20	200	700M	5.0m			3.5	175 J	TO-39
10	2N1047	See Index	500m		12	36		15u			1.0	175 J	TO-57
-	2N1048	See Index	500m		12	36		15u			1.0	175 J	TO-57
-	2N1049	See Index	500m		30	90		15u			1.0	175 J	TO-57
-	2N1050	See Index	500m		30	90		15u			1.0	175 J	TO-57
-	2N1613A	See Index	500m	7.0	40	120	60M	2.0n			1.0	175 J	TO-5
15	2N5914	See Index	500m	14				300u			5.7	175 S	SIX-6
-	PT8890	TRW Optron	500m	14	20			5m			2.5	140 J	TO-39
-	PT8871	TRW Optron	500m	16	20			5m			7	140 J	Macro-X
-	PT8871A	TRW Optron	500m	16	20			5m			7	140 J	SIX-8
-	MRF402	Motorola	500m	18	5.0			500m			1.0	175 S	TO-39
20	MRF402	Diode Trans	500m	18	5.0			500m			1.0	175 S	TO-39
-	2N5697	See Index	500m	18	30			1.0m			3.5	175 S	TO-39
-	2N5698	See Index	500m	18	30			1.0m			5.0	175 S	TO-131
-	2N5687	See Index	500m	20	15			1.0m			5.0	175 S	TO-39
-	2N5688	See Index	500m	20	15			1.0m			10	175 S	TO-117
25	2N2234	CrimsonSemi	500m	20	15	60	50M	10u	30n	600n	10	140 C	TO-3
-	2N2234	Space Power	500m	20	15	60	50M	10u	30n	600n	10	140 C	TO-3
-	2N2234	SemiconTech	500m	20	15	60	50M	10u	30n	600n	10	140 C	TO-3
-	2N5710	See Index	500m	20	20			100u			3.5	175 S	TO-39
-	2N6206	Space Power	500m	30				2.0m			10	175 S	SIX-1/4
30	2N6206	Acrian Inc	500m	30				2.0m			10	175 S	SIX-1/4
-	2N6206	CrimsonSemi	500m	30				2.0m			10	175 S	SIX-174
-	2N1067	See Index	500m	30	15	75	1.5M	500u	1.2u	900n	5.0	175 A	TO-8
-	2N1092	See Index	500m	30	15	75	1.5M	500u	1.2u	900n	2.0	175 A	TO-5
35	MRF8003	Motorola	500m	30	20			100u			1.0	175 S	TO-39
-	2SC971	Elec Trans	500m	30	160		70M	1.0u			1.0	175 J	Can
-	2N6202	Space Power	500m	33				2.0m			10	175 S	SIX-8
-	2N6202	Acrian Inc	500m	33				2.0m			10	175 S	SIX-8
-	2N6202	CrimsonSemi	500m	33				2.0m			10	175 S	SIX-8
40	2N5773	See Index	500m	35	20	200		2.0m			5.0	175 S	TO-117
-	TIP61	See Index	500m	40	15	100	3.0M	300u	120n	700n	1.5	140 J	TO-220AB
-	SD1522-3	ThmsnCSFEFC	500m	45				1.0m			8.0	175 J	Macro-X
-	SD1524-1	ThmsnCSFEFC	500m	45				1.0m			11	175 J	Macro-X
45	BDB01A	Motorola	500m	45	40	400	50M	100n			2.5	140 J	TO-226AE
-	2N6526	Space Power	500m	50	15			500m			3.9	175 S	FO-53var
-	2N6526	Elm State	500m	50	15			500m			3.9	175 S	FO-53var
-	2N2239	See Index	500m	50	30	200		10u			1.0	140 J	TO-37var
-	KT821A1	V/O Electro	500m	50	35			.03m			20	125 J	N/A
-	KT934A	V/O Electro	500m	0.5	60			5			7.5	140 J	N/A
50	2N2106	See Index	500m	60	12	36		10u			1.0	140 J	TO-5
-	2N497A	See Index	500m	60	12	36		10u			1.0	175 J	TO-5
-	TIP61A	See Index	500m	60	15	100	3.0M	300u	120n	700n	1.5	140 J	TO-220AB
-	2N2107	See Index	500m	60	30	90		10u			1.0	140 J	TO-5
-	2N656A	See Index	500m	60	30	90		10u			1.0	175 J	TO-5
55	BDB01B	Motorola	500m	60	40	400	50M	100n			2.5	140 J	TO-226AE
-	MPS6716	Motorola	500m	60	50	250	50M	100n			2.5	140 J	TO-226AE
-	2N2108	See Index	500m	60	75	200		10u			1.0	175 J	TO-5
-	MPSW05	Natl Semi	500m	60	80		50M	100n			2.5	140 J	TO-226AE
-	MPSW05	Motorola	500m	60	80		50M	100n			2.5	140 J	TO-226AE
60	MPSU31	Motorola	500m	65	10		30M	10u			1.0	140 J	SIP-tab
-	MPSU31	Solid Stlnc	500m	65	10		30M	10u			1.0	140 J	SIP-tab
-	KT821B1	V/O Electro	500m	70	25			.03m			20	125 J	N/A
-	2N1047A	See Index	500m	80	12	36	75k	350u			1.0	175 J	TO-57
65	TIP61B	See Index	500m	80	15	100	3.0M	300u	120n	700n	1.5	140 J	TO-220AB
-	2N1690	See Index	500m	80	20	60	90k	350u			1.0	175 J	TO-57
-	2N1049A	See Index	500m	80	30	90	75k	350u			1.0	175 J	TO-57
-	BDB01C	Motorola	500m	80	40	400	50M	100n			2.5	140 J	TO-226AE
-	BSS32	NthAmerSemi	500m	80	40	120	70M	10n			3.0	175 J	TO-39
-	MPS6717	Motorola	500m	80	50	250	50M	100n			2.5	140 J	TO-226AE
70	MPSW06	Natl Semi	500m	80	80		50M	100n			2.5	140 J	TO-226AE
-	MPSW06	Motorola	500m	80	80		50M	100n			2.5	140 J	TO-226AE
-	BD171	See Index	500m	90	40	60	6.0M	100u			20	140 J	TO-126var
-	2N498A	See Index	500m	100	12	36		10u			1.0	175 J	TO-5
75	KT807AM	V/O Electro	500m	100	15	45		5m			10	140 J	N/A
-	TIP61C	See Index	500m	100	15	100	3.0M	300u	120n	700n	1.5	140 J	TO-220AB
-	KT821V1	V/O Electro	500m	100	20			.03m			20	125 J	N/A
-	KT807BM	V/O Electro	500m	100	30	100		5m			10	140 J	N/A
-	2N657	See Index	500m	100	30	90		10u			4.0	175 J	TO-205AD
-	2N657A	See Index	500m	100	30	90		10u			1.0	175 J	TO-5
80	2N657S	Space Power	500m	100	30	90		10u			4.0	175 J	TO-39
-	2N2655	See Index	500m	100	30	90	250k	100u			15	175 C	TO-5
-	BDB01D	Motorola	500m	100	40	400	50M	100n			2.5	140 J	TO-226AE
-	2N1048A	See Index	500m	120	12	36	75k	350u			1.0	175 J	TO-57
-	2N1691	See Index	500m	120	20	60	90k	350u			1.0	175 J	TO-57
85	2N1050A	See Index	500m	120	30	90	75k	350u			1.0	175 J	TO-57
-	BD172	See Index	500m	120	40	60	6.0M	100u			20	140 J	TO-126var
-	D40P1	See Index	500m	120	40		50M	10u	2.5u		6.2	100 J	TO-202AC
-	ST2258	SemiconTech	500m	120	50			50n			1.0	175 J	TO-5
-	MJE341	See Index	500m	150	25	200	15M	300u			20	140 J	TO-127var
90	MJE341K	CrimsonSemi	500m	150	25	200	15M	300u			30	140 J	TO-127var
-	SE7006	SemiconTech	500m	150	30	80	60M	10u			12	140 J	TO-66
-	2N6591	See Index	500m	150	40	200	70M	200n			2.0	140 J	TO-202AC
-	BD173	Motorola	500m	160	40	60	6.0M	100u			20	140 J	TO-126var
-	BD173	CentralSemi	500m	160	40	60	6.0M	100u			20	140 J	TO-126var
95	BD173	NthAmerSemi	500m	160	40	60	6.0M	100u			20	140 J	TO-126var
-	2N3659	See Index	500m	170	20		50M	10n			4.0	175 S	TO-5
-	D40P3	See Index	500m	180	40		50M	10u	2.5u		6.2	140 J	TO-202AC
-	MJE344	See Index	500m	200	30	300	15M	100u			20	140 J	TO-127var