

POWER SILICON NPN

Item Number	Part Number	Manufacturer	I _c Max (A)	V _{(BR)CEO} (V)	h _{FE}		f _T (Hz)	I _{CEO} Max (A)	t _r Max (s)	t _f Max (s)	P _D Max (W)	T _{Oper} Max (°C)	Package Style
					Min	Max							
I(C) >= 1 A, (Cont'd)													
-	STI3006	SemiconTech	1.0	300	30		10M	100u			20	140 J	TO-66
-	TIP48	See Index	1.0	300	30	150	10M	1.0m	200n	2.0u	2.0	140 J	TO-220AB
-	2SC2022	Sanken Elec	1.0	300	30	300	10M	1.0m			30	140 J	TO-220
-	MST30B	Hybrid Semi	1.0	300	30		20M	12u			2.0	175 A	TO-5
5	MST30B	SemiconTech	1.0	300	30		20M	12u			2.0	175 A	TO-5
-	STI3007	SemiconTech	1.0	300	30		20M	50u			20	140 J	TO-66
-	2N6176	See Index	1.0	300	30		21M	50u			20	135 S	TO-126var
-	40886	CrimsonSemi	1.0	300	30	150	21M	50u			1.4	135 J	TO-126var
-	STI30	SemiconTech	1.0	300	30	200	30M	3.0u			1.0	175 S	TO-5
10	STI305	SemiconTech	1.0	300	30	200	30M	3.0u			2.0	175 S	TO-37var
-	D44R6	New Jersey	1.0	300	30		40M	1.0m	3.7u		1.6	140 J	TO-220
-	D44R6	SemiconTech	1.0	300	30		40M	1.0m	3.7u		1.6	140 J	TO-220
-	TRS3006	See Index	1.0	300	30	300	50M	100u			20	175	TO-66
-	D42R2	Solid Stlnc	1.0	300	30		55M	1.0m	500n		2.1	140 J	TO-202
-	D42R2	New Jersey	1.0	300	30		55M	1.0m	500n		2.1	140 J	TO-202
-	2SD198	Elec Trans	1.0	300	35	330	45M	5.0m			25	140 J	TO-3
-	2SD860A	Matsushita	1.0	300	40	250		1.0m	2.2u		40	140 J	TO-220
-	40327L	SemiconTech	1.0	300	40	250		100u			1.0	175 J	TO-5
-	40327S	SemiconTech	1.0	300	40	250		100u			1.0	175 J	TO-39
20	2SC1050	Sanyo Elect	1.0	300	40	320	5.0M	1.0m			40	140 J	TO-3
-	2N5279	See Index	1.0	300	40	150	15M	20u			1.0	175 S	TO-5
-	2N5280	See Index	1.0	300	40	160	15M	20u			15	175 A	TO-37var
-	2N5252	See Index	1.0	300	40	120	30M	10u			1.0	175 S	TO-39
-	D44R4	Solid Stlnc	1.0	300	75	175		1.0m	1.6u		1.6	140 J	TO-220
-	D44R4	SemiconTech	1.0	300	75	175		1.0m	1.6u		1.6	140 J	TO-220
-	D44R4	New Jersey	1.0	300	75	175		1.0m	1.6u		1.6	140 J	TO-220
-	2N5253	See Index	1.0	300	80	250		10u			1.0	175 S	TO-39
-	D44R8	New Jersey	1.0	300	150	300	40M	1.0m	3.7u		1.6	140 J	TO-220
-	D44R8	SemiconTech	1.0	300	150	300	40M	1.0m	3.7u		1.6	140 J	TO-220
30	TRS30X5	SemiconTech	1.0	300	2.5k	32k	50k	100u			2.0	175 J	TO-37var
-	TRS30X5	Genrl Diode	1.0	300	2.5k	32k	50k	100u			2.0	175 J	TO-37var
-	TRS30X5	Sld St Dvcs	1.0	300	2.5k	32k	50k	100u			2.0	175 J	TO-37var
-	TRS30X	SemiconTech	1.0	300	2.5k	32k	50M	100u			10	175 A	TO-5
-	TRS30X	Sld St Dvcs	1.0	300	2.5k	32k	50M	100u			10	175 A	TO-5
35	TRS30X	Genrl Diode	1.0	300	2.5k	32k	50M	100u			10	175 A	TO-5
-	BD410	NthAmerSemi	1.0	325	30	240		100u			1.2	125 S	TO-126var
-	2N6772	See Index	1.0	350	10	50		0.1m	0.2u	0.4u	40	140 J	TO-220AB
-	BUW40A	NthAmerSemi	1.0	350	10	50	50M	0.1m	0.8u	1.5u	40	140 J	TO-220AB
-	BUW40A	GE Solid St	1.0	350	10	50	50M	0.1m	0.8u	1.5u	40	140 J	TO-220AB
40	2N5092	See Index	1.0	350	15	250	50M	500n			2.0	175 A	TO-5
-	2N4298	See Index	1.0	350	25	75	20M	100u	7000n		2.0	175 S	TO-66
-	TIP49	See Index	1.0	350	30	150	10M	1.0m	200n	2.0u	2.0	140 J	TO-220AB
-	SGS3439	SGS-Ates	1.0	350	30		15M				15	175	TO-218
-	2N6177	See Index	1.0	350	30		21M	20u			20	135 S	TO-126var
45	40887	CrimsonSemi	1.0	350	30	150	21M	20u			1.4	135 J	TO-126var
-	40385	See Index	1.0	350	40	160		20u			1.0	175 J	TO-5
-	40385L	SemiconTech	1.0	350	40	160		20u			1.0	175 J	TO-5
-	40385S	SemiconTech	1.0	350	40	160		20u			1.0	175 J	TO-39
-	NSD3439	Natl Semi	1.0	350	40	160	15M	500u			10	140 J	TO-202AA
50	NSD3439	Semi Inc	1.0	350	40	160	15M	500u			10	140 J	TO-202AA
-	2N3439	See Index	1.0	350	40	160	15M	20u	.65u	.60u	10	175 J	TO-5
-	2N3439S	Space Power	1.0	350	40	160	15M	20u			1.0	175 S	TO-39
-	2N3439S	Motorola	1.0	350	40	160	15M	20u			1.0	175 S	TO-39
-	2N4063	See Index	1.0	350	40	160	15M	20u			10	175 J	TO-37var
55	40255	NthAmerSemi	1.0	350	40	160	20M	500u			10	175 J	TO-37(4)
-	40255	Genrl Diode	1.0	350	40	160	20M	500u			10	175 J	TO-37(4)
-	40255	SemiconTech	1.0	350	40	160	20M	500u			10	175 J	TO-37(4)
-	BSP19	PhillipsElec	1.0	350	40		70M	20n			1.5	140 J	SOT-223
-	2N4299	See Index	1.0	350	50	150	20M	100u	7000n		2.0	175 S	TO-66
60	SK3103	GE Solid St	1.0	350	60		30M				20	175	TO-126var
-	SK3103	SemiconTech	1.0	350	60		30M				20	175	TO-126var
-	TRS35X5	SemiconTech	1.0	350	1.6k	30k	50k	100u			2.0	175 J	TO-37var
-	TRS35X5	Sld St Dvcs	1.0	350	1.6k	30k	50k	100u			2.0	175 J	TO-37var
-	TRS35X5	Genrl Diode	1.0	350	1.6k	30k	50k	100u			2.0	175 J	TO-37var
65	TRS35X5	Genrl Diode	1.0	350	1.6k	30k	50M	100u			10	175 A	TO-5
-	TRS35X	SemiconTech	1.0	350	1.6k	30k	50M	100u			10	175 A	TO-5
-	TRS35X	Sld St Dvcs	1.0	350	1.6k	30k	50M	100u			10	175 A	TO-5
-	2N6773	See Index	1.0	400	10	50		0.1m	0.2u	0.4u	40	140 J	TO-220AB
-	BUW40B	GE Solid St	1.0	400	10	50	50M	0.1m	0.8u	1.5u	40	140 J	TO-220AB
70	BUW40B	NthAmerSemi	1.0	400	10	50	50M	0.1m	0.8u	1.5u	40	140 J	TO-220AB
-	2N5095	See Index	1.0	400	15	250	50M	500n			2.0	175 A	TO-5
-	2N5101	See Index	1.0	400	15	250	50M	5.0m			10	175 A	TO-37var
-	MJD50	Motorola	1.0	400	30	150	10M	0.2m	200n	2.0u	15	140 J	TO-252var
-	STI4006	SemiconTech	1.0	400	30		10M	100u			20	140 J	TO-66
75	TIP50	See Index	1.0	400	30	150	10M	1.0m	200n	2.0u	2.0	140 J	TO-220AB
-	MST40B	Hybrid Semi	1.0	400	30		20M	12u			2.0	175 A	TO-5
-	MST40B	SemiconTech	1.0	400	30		20M	12u			2.0	175 A	TO-5
-	STI4007	SemiconTech	1.0	400	30		20M	50u			20	140 J	TO-66
-	STI40	SemiconTech	1.0	400	30	200	30M	3.0u			1.0	175 S	TO-5
80	STI405	SemiconTech	1.0	400	30	200	30M	3.0u			2.0	175 S	TO-37var
-	TRS4006	See Index	1.0	400	30	300	50M	100u			20	175	TO-66
-	TRS4016S	See Index	1.0	400	30	300	50M	100u			20	175	TO-66
-	2N5097	See Index	1.0	450	15	250	50M	500n			2.0	175 A	TO-5
85	TRS4506	See Index	1.0	450	30	300	50M	100u			20	175	TO-66
-	2N5098	See Index	1.0	500	15	250	50M	500n			2.0	175 A	TO-5
-	2SC1101	Solid Stlnc	1.0	500	30	120		1.0m			50	140 J	TO-3
-	STI5006	SemiconTech	1.0	500	30		10M	100u			20	140 J	TO-66
-	MST50B	Hybrid Semi	1.0	500	30		20M	12u			2.0	175 A	TO-5
-	MST50B	SemiconTech	1.0	500	30		20M	12u			2.0	175 A	TO-5
90	STI5007	SemiconTech	1.0	500	30		20M	50u			20	140 J	TO-66
-	STI50	SemiconTech	1.0	500	30	200	30M	3.0u			1.0	175 S	TO-5
-	STI505	SemiconTech	1.0	500	30	200	30M	3.0u			2.0	175 S	TO-37var
-	TRS5006	See Index	1.0	500	30	300	50M	100u			20	175	TO-66
-	2SD546	Elec Trans	1.0	500	40	200	7.0M	300u			30	140 J	TO-66
95	2N5099	See Index	1.0	550	15	250	50M	500n			2.0	175 A	TO-5
-	STI701	SemiconTech	1										