

POWER SILICON NPN

Item Number	Part Number	Manufacturer	I _C Max (A)	V _{(BR)CEO} (V)	h _{FE}		f _T (Hz)	I _{CSO} Max (A)	t _r Max (s)	t _f Max (s)	P _D Max (W)	T _{Oper} Max (°C)	Package Style
					Min	Max							
I(C) >= 5 A, (Cont'd)													
-	SML1623A	Semelab	5.0	80			2.5M				105	175 J	TO-3
-	SML1633A	Semelab	5.0	80			2.5M				105	175 J	TO-3
-	SML1643	Semelab	5.0	80			2.5M				53	175 J	TO-66
-	SML1653	Semelab	5.0	80			2.5M				53	175 J	TO-66
5	SML7413	Semelab	5.0	80			15M				9.0	175 J	TO-39
-	SML7416	Semelab	5.0	80			15M				9.0	175 J	TO-39
-	SML7419	Semelab	5.0	80			15M				9.0	175 J	TO-39
-	SML4452	Semelab	5.0	80			20M				4.0	175 J	TO-39
-	SML4454	Semelab	5.0	80			20M				4.0	175 J	TO-39
10	SML4456	Semelab	5.0	80			20M				4.0	175 J	TO-39
-	SML3403	Semelab	5.0	80			40M				30	175 J	TO-111
-	SML3423	Semelab	5.0	80			40M				5.0	140 J	TO-39
-	SML85503	Semelab	5.0	80			40M				5.0	140 J	TO-39
-	SML85508	Semelab	5.0	80			40M				5.0	140 J	TO-39
15	2N6736	Space Power	5.0	80	4.0	120		200n	300n		35	175 J	TO-228AA
-	2N6736	Solitron	5.0	80	4.0	120		200n	300n		35	175 J	TO-228AA
-	2N6736	CrimsonSemi	5.0	80	4.0	120		200n	300n		35	175 J	TO-228AA
-	2N2908	SemiconTech	5.0	80	12	20	1.0M				45	175 C	TO-53
-	2N2908	Space Power	5.0	80	12	20	1.0M				45	175 C	TO-53
20	ST7200	SemiconTech	5.0	80	12	20	8.0M				45	175 A	TO-61
-	2SD772	Matsushita	5.0	80	14			1.0m	1.0u		40	140 J	TO-220
-	2SD1274	Matsushita	5.0	80	14			40M	1.0m	1.0u	40	140 J	SOT-186
-	2SD1274A	Matsushita	5.0	80	14			40M	1.0m	1.0u	40	140 J	SOT-186
-	2SD1274B	Matsushita	5.0	80	14			40M	1.0m	1.0u	40	140 J	SOT-186
25	2SD772A	Matsushita	5.0	80	14			40M	1.0m	1.0u	40	140 J	TO-220AB
-	2SD772B	Matsushita	5.0	80	14			40M	1.0m	1.0u	40	140 J	TO-220AB
-	CX702	Advncd Semi	5.0	80	15	70					40		TO-220AB
-	CX702	Semi Inc	5.0	80	15	70					40		TO-220AB
-	2N1211	See Index	5.0	80	15	75	3.0M	10m			60	175 S	TO-53
30	2N1617	See Index	5.0	80	15	75	3.0M	10m			60	175 S	TO-61
-	2SC647	Elec Trans	5.0	80	20	30	300k	10m			50	140 J	TO-3
-	2SC647	Solid StInc	5.0	80	20	30	300k	10m			50	140 J	TO-3
-	2N5979	See Index	5.0	80	20	120	2.0M	1.0m			75	140 J	TO-127var
35	SDT1613	Solitron	5.0	80	20	60	2.5M	10u	400n		105	175 J	TO-3
-	SDT1613	PPC Product	5.0	80	20	60	2.5M	10u	400n		105	175 J	TO-3
-	SDT1643	Solitron	5.0	80	20	60	2.5M	10u	400n		52	175 J	TO-66
-	SDT1643	PPC Product	5.0	80	20	60	2.5M	10u	400n		52	175 J	TO-66
-	BD951	PhilipsElec	5.0	80	20	30	3.0M	100u			40	140 J	TO-220AB
40	BD951	NthAmerSemi	5.0	80	20	30	3.0M	100u			40	140 J	TO-220AB
-	2N5069	See Index	5.0	80	20	80	4.0M	1.0m			88	175 J	TO-3
-	2N5870	See Index	5.0	80	20	100	4.0M	100u	700n	800n	87	175 J	TO-3
-	BLX16	Solitron	5.0	80	20	120	10M				18	175 J	TO-5
-	BLX16	NthAmerSemi	5.0	80	20	120	10M				18	175 J	TO-5
45	BLX19	Solitron	5.0	80	20	120	10M				87	175 J	TO-61
-	2N1722	See Index	5.0	80	20	90	10M	500u			3.0	175 J	TO-53
-	2N1724	See Index	5.0	80	20	90	10M	500u			3.0	175 J	TO-61
-	SDT7413	Sld St Dvcs	5.0	80	20	60	15M	1.0u			9.0	175 J	TO-5
-	SDT7413	Solitron	5.0	80	20	60	15M	1.0u			9.0	175 J	TO-5
-	SDT7413	PPC Product	5.0	80	20	60	15M	1.0u			9.0	175 J	TO-5
50	SDT4452	See Index	5.0	80	20	60	20M	1.0u			7.0	175 J	TO-5
-	SDT6012	Sld St Dvcs	5.0	80	20	60	30M	1.0u			40	175 J	SIR-10
-	SDT6012	CrimsonSemi	5.0	80	20	60	30M	1.0u			40	175 J	SIR-10
-	SDT6310	See Index	5.0	80	20	60	30M	1.0u			52	175 J	TO-111
-	SDT6410	PPC Product	5.0	80	20	60	30M	1.0u			52	175 J	TO-111
55	SDT6410	Sld St Dvcs	5.0	80	20	60	30M	1.0u			52	175 J	TO-111
-	SDT6410	Solitron	5.0	80	20	60	30M	1.0u			52	175 J	TO-111
-	SDT6419	PPC Product	5.0	80	20	60	30M				52		TO-111
-	SDT6419	Solitron	5.0	80	20	60	30M				52		TO-111
-	2N2879	See Index	5.0	80	20	60	30M	100n	120n	80n	30	175 J	TO-111
60	2N3746	See Index	5.0	80	20	60	30M	100n	120n	80n	30	175 J	SIR-10
-	SDT3407	Sld St Dvcs	5.0	80	20	60	40M	10u	500n	300n	52	175 J	TO-111
-	SDT3407	Solitron	5.0	80	20	60	40M	10u	500n	300n	52	175 J	TO-111
-	SDT3407	PPC Product	5.0	80	20	60	40M	10u	500n	300n	52	175 J	TO-111
65	SDT3427	PPC Product	5.0	80	20	60	40M	.01m	.50u		9.0		TO-5
-	SDT3427	Solitron	5.0	80	20	60	40M	.01m	.50u		9.0		TO-5
-	SDT3427	Sld St Dvcs	5.0	80	20	60	40M	.01m	.50u		9.0		TO-5
-	2SD189	Solid StInc	5.0	80	20	160	40M	10m			50	140 J	TO-3
-	2SD189	Elec Trans	5.0	80	20	160	40M	10m			50	140 J	TO-3
-	BLY70	NthAmerSemi	5.0	80	20	60	70M	10u			33	140 J	TO-3
70	BD160	NthAmerSemi	5.0	80	25	100	1.0m		1.3u		30	140 J	TO-3
-	2N4915	See Index	5.0	80	25	100	4.0M	10u			88	175 J	TO-3
-	BD539B	NthAmerSemi	5.0	80	30	30	3.0M	200u	300n		45	140 J	TO-220AB
-	BD539B	TexInstLtd	5.0	80	30	30	3.0M	200u	300n		45	140 J	TO-220AB
75	2N3851	See Index	5.0	80	30	90	20M	100n	150n	200n	30	175 C	TO-59
-	SDT5635	Solitron	5.0	80	30	90	30M				44		TO-111
-	2N2892	See Index	5.0	80	30	90	30M	100n	300n	1.5u	30	175 J	TO-59
-	2N5336	See Index	5.0	80	30	120	30M	10u	100n	200n	6.0	175 J	TO-39
-	2N5729	See Index	5.0	80	30	300	30M	1.0m	200n	500n	10	175 J	TO-5
-	UPT613	Unitrode	5.0	80	30		40M	10u	250n	500n	5.0	175 J	TO-5
80	2N3996	See Index	5.0	80	30		40M	5.0u	300n	1.5u	2.0	175 J	SIR-10
-	2N3998	See Index	5.0	80	30		40M	5.0u	300n	1.5u	2.0	175 J	SIR-10
-	2N5002	See Index	5.0	80	30	90	60M	1.0m			50	175 J	TO-59
-	2N5152S	Semelab	5.0	80	30	90	60M				10	175 J	TO-39
85	2N5284	See Index	5.0	80	30	90	60M	1.0m			50	175 J	TO-59
-	2N5608	See Index	5.0	80	30	90	60M	1.0m			25	175 J	TO-66
-	2N5616	See Index	5.0	80	30	90	60M	1.0m			50	175 J	TO-3
-	BCX40	See Index	5.0	80	40	250					10	175 J	TO-39
-	2N4310	See Index	5.0	80	40	120		10u	90n	100n	4.0	175 C	SIT-8
90	2SC2516AM	NEC Corp JA	5.0	80	40	80		10u	0.5u	0.5u	30	140 J	TO-220AB
-	PTC167	Mallory	5.0	80	40		2.0M	1.0m			75		TO-220
-	SDT1623	Solitron	5.0	80	40	120	2.5M	10u	400n		105	175 J	TO-3
-	SDT1623	PPC Product	5.0	80	40	120	2.5M	10u	400n		105	175 J	TO-3
-	SDT1653	Solitron	5.0	80	40	120	2.5M	10u	400n		52	175 J	TO-66
95	SDT1653	PPC Product	5.0	80	40	120	2.5M	10u	400n		52	175 J	TO-66
-	BD951F	PhilipsElec	5.0	80	40		3.0M				40		SOT-186
-	2SD812	Matsushita	5.0	80	40	200	7M	50u			40	140 J	TO-220AB
-	SDT7403	Sld St Dvcs	5.0	80	40	120	15M	1.0u			9.0	175 J	TO-5