

# 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>CEO</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;= 10 A, (Cont'd)</b>														
-	BD207	NthAmerSemi	10	60	15		1.5M	1.0m			90	140 J	TO-127var	
-	BDW21A	See Index	10	60	15	150	3.0M	100u			90	175 J	TO-3	
-	BD501A	NthAmerSemi	10	60	15	90	5.0M	1.0m			75	140 J	TO-220AB	
-	SDT7618	Soliton	10	60	15	60	15M				120		TO-3	
5	FT3055	Swampscott	10	60	20	70		700u				100 J	TO-220AB	
-	FT3055	Solid Stnc	10	60	20	70		700u				100 J	TO-220AB	
-	FT3055	FairchildSC	10	60	20	70		700u				100 J	TO-220AB	
-	SSP66A	SidSt Indus	10	60	20	100					80		N/A	
-	2N6098	See Index	10	60	20	80		2.0m			75	140 J	TO-220AB	
10	2N6099	See Index	10	60	20	80		2.0m			75	140 J	TO-220AB	
-	2N6099E	Semelab	10	60	20	80					75	140 J	TO-220AB	
-	BDX71	Semelab	10	60	20	80	15k	2.0M			1.8	140 J	TO-220AB	
-	BDX71	NthAmerSemi	10	60	20	80	15k	2.0M			1.8	140 J	TO-220AB	
-	MJE3055K	CrimsonSemi	10	60	20	70	2.0M	1.0m			90	140 J	TO-127var	
15	MJE3055T	See Index	10	60	20	100	2.0M	10m			75	140 J	TO-220AB	
-	MJ2840	CrimsonSemi	10	60	20	100	2.0M	100u			150	175 J	TO-3	
-	MJ2840	NthAmerSemi	10	60	20	100	2.0M	100u			150	175 J	TO-3	
-	MJ2840	SiliconTran	10	60	20	100	2.0M	100u			150	175 J	TO-3	
-	PH3055T	PhilipsElec	10	60	20	70	2.0M	1.0m	1.0u	4.0u	75	140 J	TO-220AB	
20	PH3055T	NthAmerSemi	10	60	20	70	2.0M	1.0m	1.0u	4.0u	75	140 J	TO-220AB	
-	TIP33A	See Index	10	60	20	100	3.0M	700u		600n	1.0u	80	140 J	TO-247
-	BDT91F	PhilipsElec	10	60	20	200	4.0M				90		SOT-186	
-	2N5877	See Index	10	60	20	100	4.0M	500u	700n	800n	150	175 J	TO-3	
-	SDT7732	Sid St Dvcs	10	60	20	80	5.0M	1.0u	400n	600n	125	175 J	TO-3	
25	SDT7732	Soliton	10	60	20	80	5.0M	1.0u	400n	600n	125	175 J	TO-3	
-	SDT7732	PPC Product	10	60	20	80	5.0M	1.0u	400n	600n	125	175 J	TO-3	
-	SDT7742	Sid St Dvcs	10	60	20	80	5.0M	1.0u	400n	600n	62	175 J	TO-66	
-	SDT7742	Soliton	10	60	20	80	5.0M	1.0u	400n	600n	62	175 J	TO-66	
-	SDT7742	PPC Product	10	60	20	80	5.0M	1.0u	400n	600n	62	175 J	TO-66	
30	SDT7762	Soliton	10	60	20	80	5.0M	1.0u	400n	600n	71	175 J	TO-61	
-	SDT7012	Soliton	10	60	20	60	15M	1.0u			87	175 J	TO-61	
-	SDT7012	PPC Product	10	60	20	60	15M	1.0u			87	175 J	TO-61	
-	SDT7012	Sid St Dvcs	10	60	20	60	15M	1.0u			87	175 J	TO-61	
-	SDT7475	Soliton	10	60	20	60	15M				17		TO-5	
35	2N2811	See Index	10	60	20	60	15M	100n	200n		70	175 J	SIF-1/4	
-	DTL8012	Diode Trans	10	60	20	60	30M				175		TO-63	
-	SDT3226	Sid St Dvcs	10	60	20	80	40M	10u			52		TO-111	
-	SDT3226	Soliton	10	60	20	80	40M	10u			52		TO-111	
-	SDT3226	PPC Product	10	60	20	80	40M	10u			52		TO-111	
40	SDT85307	PPC Product	10	60	20	40M	5.0u				117	175 J	TO-3	
-	SDT85307	Soliton	10	60	20	40M	5.0u				117	175 J	TO-3	
-	SDT85507	PPC Product	10	60	20	40M	5.0u				9.0	175 J	TO-39	
-	SDT85507	Soliton	10	60	20	40M	5.0u				9.0	175 J	TO-39	
-	SDT85607	Soliton	10	60	20	40M	5.0u				70	175 J	TO-66	
45	SDT85607	PPC Product	10	60	20	40M	5.0u				70	175 J	TO-66	
-	1714-0602	Sid St Dvcs	10	60	20	40M		300n	300n		25	175 J	TO-66	
-	1714-0605	Sid St Dvcs	10	60	20	40M		400n	300n		25	175 J	TO-66	
-	1716-0602	Sid St Dvcs	10	60	20	40M	200u	300n	300n		50	175 J	TO-61	
-	1716-0605	Sid St Dvcs	10	60	20	40M	200u	400n	300n		50	175 J	TO-61	
50	1718-0602	Sid St Dvcs	10	60	20	40M	200u	300n	300n		33	175 J	TO-111	
-	1718-0605	Sid St Dvcs	10	60	20	40M	200u	400n	300n		33	175 J	TO-111	
-	D44H7	See Index	10	60	20	50M	10u	300n	140n		50	140 J	TO-220	
-	SDT7A08	Soliton	10	60	20	60	60M	500n			70		TO-66	
-	SDT7A08	Sid St Dvcs	10	60	20	60	60M	500n			70		TO-66	
55	SDT7A08	PPC Product	10	60	20	60	60M	500n			70		TO-66	
-	SDT7B05	Soliton	10	60	20	60M	1.0u				52		TO-111	
-	SDT7B05	PPC Product	10	60	20	60M	1.0u				52		TO-111	
-	SDT7B05	Sid St Dvcs	10	60	20	60M	1.0u				52		TO-111	
-	SDT7608	PPC Product	10	60	20	60M	500n				117	140	TO-3	
60	SDT7608	Soliton	10	60	20	60M	500n				117	140	TO-3	
-	SDT7608	Sid St Dvcs	10	60	20	60M	500n				117	140	TO-3	
-	MJE2801	See Index	10	60	25	100		100u			90	140 J	TO-127var	
-	MJE2801K	CrimsonSemi	10	60	25	100		100u			90	140 J	TO-127var	
65	MJE2801T	See Index	10	60	25	100		100u			75	140 J	TO-220AB	
-	2N3713	See Index	10	60	25	75	30k	1.0m	450n	400n	150	175 J	TO-3	
-	BD245A	Semelab	10	60	25		3.0M	400u	300n	1.0u	3.0	140 S	TO-218AA	
-	BD245A	NthAmerSemi	10	60	25		3.0M	400u	300n	1.0u	3.0	140 S	TO-218AA	
-	BD245A	TexInstLtd	10	60	25		3.0M	400u	300n	1.0u	3.0	140 S	TO-218AA	
-	BD311	See Index	10	60	25		4.0M	1.0m			150	175 J	TO-3	
70	BD607	Motorola	10	60	30		1.5M	1.0m			90	140 J	TO-127var	
-	BD607	NthAmerSemi	10	60	30		1.5M	1.0m			90	140 J	TO-127var	
-	BD607	Solid Stnc	10	60	30		1.5M	1.0m			90	140 J	TO-127var	
-	2SD369	Indust Mexi	10	60	30	300	2.0M	1.0m	3.0u		100	140 J	TO-3	
75	ST28142	SemiconTech	10	60	30	150	10M	500u			85	175	TO-3	
-	DTL3202	Diode Trans	10	60	30	90	30M				87		TO-61	
-	SDT3206	See Index	10	60	30	90	30M	10u	300n	300n	87	175 J	TO-61	
-	BDY92	See Index	10	60	30	120	70M	3.0m	350n	200n	40	175 J	TO-3	
-	BDS10	Semelab	10	60	40	250	3.0M	500u			90	140 J	TO-220	
-	SDT7015	Soliton	10	60	40	120	15M	1.0u			87	175 J	TO-61	
80	SDT7015	PPC Product	10	60	40	120	15M	1.0u			87	175 J	TO-61	
-	SDT7015	Sid St Dvcs	10	60	40	120	15M	1.0u			87	175 J	TO-61	
-	SDT7471	Soliton	10	60	40	120	15M				17		TO-5	
-	2N2812	See Index	10	60	40	120	15M	100n	150n		70	175 J	SIF-1/4	
85	DTL8002	Diode Trans	10	60	40	120	20M				175		TO-63	
-	DTL8015	Diode Trans	10	60	40	120	30M				175		TO-63	
-	SDT85302	PPC Product	10	60	40	120	40M	5.0u			117	175 J	TO-3	
-	SDT85302	Soliton	10	60	40	120	40M	5.0u			117	175 J	TO-3	
-	SDT85502	Soliton	10	60	40	120	40M	5.0u			9.0	175 J	TO-39	
-	SDT85502	PPC Product	10	60	40	120	40M	5.0u			9.0	175 J	TO-39	
90	SDT85602	Soliton	10	60	40	120	40M	5.0u			70	175 J	TO-66	
-	SDT85602	PPC Product	10	60	40	120	40M	5.0u			70	175 J	TO-66	
-	D44H8	See Index	10	60	40	120	50M	10u	300n	140n	50	140 J	TO-220	
-	2N5083	See Index	10	60	40	120	50M	1.0m	300n	300n	35	175 J	TO-59	
-	BUY82	FerrantiLtd	10	60	40	60	60M	10u	320n	245n	30	175 C	TO-39	
95	BUY82	Semelab	10	60	40	60	60M	10u	320n	245n	30	175 C	TO-39	
-	BUY82	NthAmerSemi	10	60	40	60	60M	10u	320n	245n	30	175 C	TO-39	
-	SDT7A02	Sid St Dvcs	10	6										