

POWER SILICON NPN

Item Number	Part Number	Manufacturer	Ic Max (A)	V(BR)CEO (V)	hFE		fT (Hz)	IcBO Max (A)	tr Max (s)	tf Max (s)	Pd Max (W)	TOper Max (°C)	Package Style
					Min	Max							
I(C) >= 5 A, (Cont'd)													
-	BDT41	NthAmerSemi	6.0	40	15	75	3.0M	700m	.60u		65	140 J	TO-220AB
-	TIP41	See Index	6.0	40	15	75	3.0M	700u	600n	1.0u	2.0	140 J	TO-220AB
-	SPC152-04	Solid Power	6.0	40	18			10m			100	140 J	TO-82
-	152-04	See Index	6.0	40	18			10m	7.0u		100	140 J	TO-81
5	25C1945	MitsubiElec	6.0	40	20	180		100u			20	140 J	TO-220
-	151-04SPC	Solid Power	6.0	40	22			10m	7.0u	14n	100	140 J	TO-81
-	2N1513	See Index	6.0	40	25	75	300k	500u			75	175 J	TO-36
-	BDY38	IntlPwrSemi	6.0	40	30		1.0M	1.0m			115	175 J	TO-3
-	BDY38	Solitron	6.0	40	30		1.0M	1.0m			115	175 J	TO-3
10	BDY38	Semelab	6.0	40	30		1.0M	1.0m			115	175 J	TO-3
-	152-04SPC	Solid Power	6.0	40	37			10m	7.0u	14u	100	140 J	TO-81
-	2SD81	Solid StInc	6.0	40	40	60	1.5M	50u	1200n	2.5u	50	140 J	TO-3
-	2SD81	Space Power	6.0	40	40	60	1.5M	50u	1200n	2.5u	50	140 J	TO-3
-	2SD81	Sanken Elec	6.0	40	40	60	1.5M	50u	1200n	2.5u	50	140 J	TO-3
15	SK3272	GE Solid St	6.0	40	60		12M				40		TO-66var
-	2SD15	RF Gain	6.0	45	10	80	2.0M	2.0m	1300n	2.6u	80	140 J	TO-3
-	2N5034	Diode Trans	6.0	45	20	80		2.0m			83	140 J	TO-219AA
-	2N5034	CrimsonSemi	6.0	45	20	80		2.0m			83	140 J	TO-219AA
-	2N5034	Space Power	6.0	45	20	80		2.0m			83	140 J	TO-219AA
20	2N5035	See Index	6.0	45	20	80		2.0m			83	140 J	TO-219AA
-	40624	See Index	6.0	45	20	100		500u			1.8	140 A	TO-220
-	40513	Sid St Syst	6.0	45	25	100		2.5m			83	140 J	TO-219AB
-	40514	SemiconTech	6.0	45	25	100		2.5m			83	140 J	TO-219AA
25	BD197	NthAmerSemi	6.0	45	30		2.0M	100u			65	140 J	TO-127var
-	BD197	Motorola	6.0	45	30		2.0M	100u			65	140 J	TO-127var
-	BD243	See Index	6.0	45	30		3.0M	400u	300n	1.0u	65	140 J	TO-220AB
-	BD291	PhilipsElec	6.0	45	30		3.0M	1.0m			60	140 J	TO-126var
-	BD291	NthAmerSemi	6.0	45	30		3.0M	1.0m			60	140 J	TO-126var
-	BD291	Semelab	6.0	45	30		3.0M	1.0m			60	140 J	TO-126var
30	151-05	Powerex Inc	6.0	50	11		500k	10m	7.0u		100	140 J	TO-81
-	152-05	Powerex Inc	6.0	50	18		500k	10m	7.0u		100	140 J	TO-81
-	152-05	Syntar Ind	6.0	50	18		500k	10m	7.0u		100	140 J	TO-81
-	40542	NthAmerSemi	6.0	50	20	70	800k	1.0m			83	140 J	TO-219
-	2N6374	See Index	6.0	50	20	100	4.0M	1.0m			22	175 J	TO-66
35	25C2491	Sanken Elec	6.0	50	300		15	100u			40	140 J	TO-220
-	25C2198	Sanken Elec	6.0	50	300		17M	100u			40	140 J	TO-66
-	2SD16	RF Gain	6.0	55	10	80	2.0M	1.0m	1300n	2.6u	80	140 J	TO-3
-	2SD50	RF Gain	6.0	55	15	60	1.5k	15u			50	175 J	TO-3
-	2N1512	See Index	6.0	55	15	45	300k	500u			75	175 J	TO-36
40	40627	New Jersey	6.0	55	20	100		500u			1.8	140 A	TO-220
-	40627	Sid St Dvcs	6.0	55	20	100		500u			1.8	140 A	TO-220
-	40627	NthAmerSemi	6.0	55	20	100		500u			1.8	140 A	TO-220
-	40369	See Index	6.0	55	25	75		10u			75	175 J	TO-3
45	2N1514	See Index	6.0	55	25	75	300k	500u			75	175 J	TO-36
-	SPC151-06	Solid Power	6.0	60	11		500k	10m	7.0u		100	140 J	TO-82
-	151-06	Powerex Inc	6.0	60	11		500k	10m	7.0u		100	140 J	TO-81
-	BDT41AF	PhilipsElec	6.0	60	15								SOT-186
-	SSP82A	SidSt Indus	6.0	60	15	75					65		N/A
-	2N1487	See Index	6.0	60	15	45	1.0M	25u			75	175 C	TO-3var
50	BDT41A	NthAmerSemi	6.0	60	15	75	3.0M	700m	.60u		65	140 J	TO-220AB
-	BDT41A	PhilipsElec	6.0	60	15	75	3.0M	700m	.60u		65	140 J	TO-220AB
-	TIP41A	See Index	6.0	60	15	75	3.0M	700u	600n	1.0u	2.0	140 J	TO-220AB
-	BDY23	See Index	6.0	60	15	180	10M	1.0m	500n		85	175 J	TO-3
-	180T2A	PPC Product	6.0	60	15	45	10M	10m			85	175 J	TO-3
55	SPC152-06	Solid Power	6.0	60	18			10m			100	140 J	TO-82
-	152-06	See Index	6.0	60	18		500k	10m	7.0u		100	140 J	TO-81
-	2SD201	Sanken Elec	6.0	60	20	40	8.0M	50u	1.2u	1.6u	50	140 S	TO-3
-	2SD201	Solid StInc	6.0	60	20	40	8.0M	50u	1.2u	1.6u	50	140 S	TO-3
-	2SC1618	Sanken Elec	6.0	60	20	180	10M	1.0m			50	140 J	TO-3
60	2SC1618	Elec Trans	6.0	60	20	180	10M	1.0m			50	140 J	TO-3
-	151-06SPC	Solid Power	6.0	60	22			10m	7.0u	14u	100	140 J	TO-81
-	2N1489	See Index	6.0	60	25	75	1.0M	25u			75	175 C	TO-3var
-	BD199	Motorola	6.0	60	30		2.0M	100u			65	140 J	TO-127var
-	BD199	NthAmerSemi	6.0	60	30		2.0M	100u			65	140 J	TO-127var
65	BD243A	See Index	6.0	60	30		3.0M	400u	300n	1.0u	65	140 J	TO-220AB
-	BD293	Semelab	6.0	60	30		3.0M	1.0m			60	140 J	TO-126var
-	BD293	NthAmerSemi	6.0	60	30		3.0M	1.0m			60	140 J	TO-126var
-	BD293	PhilipsElec	6.0	60	30		3.0M	1.0m			60	140 J	TO-126var
-	180T2B	PPC Product	6.0	60	30	90	10M	10m			85	175 J	TO-3
70	25C1444	Sanken Elec	6.0	60	30		15M	1.0m			40	140 J	TO-66
-	2SD59	RF Gain	6.0	60	35	180	3.0M	30u			50	140 J	TO-3
-	2SD59	Elec Trans	6.0	60	35	180	3.0M	30u			50	140 J	TO-3
-	152-06SPC	Solid Power	6.0	60	37			10m	7.0u	14u	100	140 J	TO-81
75	2SD82	Sanken Elec	6.0	60	40	60	1.5M	30u	1200n	2.5u	50	140 J	TO-3
-	25C1985	Sanken Elec	6.0	60	40	400	10M	1.0m	1.2u		40	140 J	TO-220
-	180T2C	PPC Product	6.0	60	75	180	10M	10m			85	175 J	TO-3
-	25C1664	Sanken Elec	6.0	60	500	1.5k	10M	10u	1.2u		40	140 J	TO-66
-	25C2315	Sanken Elec	6.0	60	500		10M	100u			40	140 J	TO-220
-	2SD888	Matsushita	6.0	60	500	2.0k	30M	100u	2.1u		50	140 J	TO-220AB
80	25C2825	Sanken Elec	6.0	60	500	3.0k	35M	100u			70	140 J	TO-218var
-	MRF427A	Motorola	6.0	65	15	90					80	175 S	SIX-10
-	25C681	See Index	6.0	70				15m	1.0u		50	140 J	TO-3
-	151-07	Powerex Inc	6.0	70	11		500k	10m	7.0u		100	140 J	TO-81
-	152-07	Powerex Inc	6.0	70	18		500k	10m	7.0u		100	140 J	TO-81
85	152-07	Syntar Ind	6.0	70	18		500k	10m	7.0u		100	140 J	TO-81
-	25C2098	ToshibaCorp	6.0	70	20	100		100u			25	140 J	TO-220AB
-	2N6373	See Index	6.0	70	20	100	4.0M	1.0m			22	175 J	TO-66
-	25C1777	Elec Trans	6.0	70	30	150	10M	1.0m			50	140 J	TO-3
-	2SD180	Solid StInc	6.0	70	30	120	10M	100u			60	175 J	TO-3
90	2SD83	Space Power	6.0	75	40	60	1.5M	30u	1200n	2.5u	50	140 J	TO-3
-	2SD83	Sanken Elec	6.0	75	40	60	1.5M	30u	1200n	2.5u	50	140 J	TO-3
-	25C681A	Hitachi Ltd	6.0	80				15m	1.0u	0.5u	50	140 J	TO-3
-	25C681ARD	Digitron	6.0	80	10			1.0m			50	140 J	TO-3
-	25C681ARD	President	6.0	80	10			1.0m			50	140 J	TO-3
95	25C681AYL	Digitron	6.0	80	10			1.0m			50	140 J	TO-3
-	25C681AYL	President	6.0	80	10			1.0m			50	140 J	TO-3
-	SPC151-08	Solid Power	6.0	80	11			10m			100	140 J	TO-82