

POWER SILICON NPN

Item Number	Part Number	Manufacturer	I _C Max (A)	V _{(BR)CEO} (V)	h _{FE} Min Max	f _T (Hz)	I _{CBO} Max (A)	t _r Max (s)	t _f Max (s)	P _D Max (W)	T _{oper} Max (°C)	Package Style	
I(C) >= 2.5 A, (Cont'd)													
-	BD162	NthAmerSemi	4.0	20	30	1.7M	1.0m			23	175 J	TO-66var	
-	BD162	Gentron	4.0	20	30	1.7M	1.0m			23	175 J	TO-66var	
-	2SD810	Sanken Elec	4.0	20	200		1.0m			30	140 J	TO-220	
-	BD433	See Index	4.0	22	40	3.0M	100u			36	140 J	TO-126	
5	BD733	Natl Semi	4.0	22	50		200u	300n		2.0	140 J	TO-220AB	
-	BD733	NthAmerSemi	4.0	22	50		200u	300n		2.0	140 J	TO-220AB	
-	40613	See Index	4.0	25	30	120	2.0u			1.8	140 A	TO-220	
-	2N6410	See Index	4.0	25	45	180	50M	100u		15	140 J	TO-126var	
-	TH598	ThmsnCSFEFC	4.0	27	20	45		50m		21	175 J	SIX-8	
10	D44C1	See Index	4.0	30	25		50M	10u	100n	75n	30	140 J	
-	40618	See Index	4.0	30	30	120	2.0u			1.8	140 A	TO-220	
-	BD185	See Index	4.0	30	40		2.0M	100u		40	140 J	TO-126var	
-	D44C3	See Index	4.0	30	40	120	50M	10u	100n	75n	30	140 J	
-	BD461	NthAmerSemi	4.0	30	75	300	50u			1.2	125 S	TO-126var	
15	D44C2	See Index	4.0	30	100	220	50M	10u	100n	75n	30	140 J	
-	40621	See Index	4.0	32	25	100	500n			1.8	140 A	TO-220	
-	BD435	See Index	4.0	32	40		3.0M	100u		36	140 J	TO-126	
-	BD735	Natl Semi	4.0	32	50		200u	300n		2.0	140 J	TO-220AB	
-	BD735	NthAmerSemi	4.0	32	50		200u	300n		2.0	140 J	TO-220AB	
20	2N6205	Space Power	4.0	33			20m			80	175 S	SIX-8	
-	2N6205	Acrian Inc	4.0	33			20m			80	175 S	SIX-8	
-	2N6205	CrimsonSemi	4.0	33			20m			80	175 S	SIX-8	
-	S30-28	Acrian Inc	4.0	33	10		30M			65	140 J	SOT-123var	
-	40310	See Index	4.0	35	20	120	750k	10u		29	175 J	TO-66	
25	40324	See Index	4.0	35	20	120	750k	10u		29	175 J	TO-66	
-	BD463	NthAmerSemi	4.0	35	60	300	50u			1.2	125 S	TO-126var	
-	SK3041	SemiconTech	4.0	35	100		2.0M			36	140 J	TO-220AB	
-	SK3041	GE Solid St	4.0	35	100		2.0M			36	140 J	TO-220AB	
-	S15-12	Acrian Inc	4.0	36			30M			35	140 J	SOT-123var	
30	AP15-12	Acrian Inc	4.0	36			50M			30	175 J	TO-220	
-	PT9788	TRW Optron	4.0	40	10	100	30M			70	140 S	N/A	
-	PT9788A	TRW Optron	4.0	40	10	100	30M			70	140 S	SIX-8	
-	BDX24	NthAmerSemi	4.0	40	20	250		1.0m		29	175 J	TO-66	
-	40316	See Index	4.0	40	20	120	750k	10u		29	175 J	TO-66	
35	1571-0420	Powerex Inc	4.0	40	20		800k	1.0		29	175 J	TO-66	
-	BD163	NthAmerSemi	4.0	40	20		1.7M	1.0m		23	175 J	TO-66var	
-	MJE2480	CrimsonSemi	4.0	40	20	100	2.0M	100u		60	140 J	TO-127var	
-	MJE2482	CrimsonSemi	4.0	40	20	100	2.0M	100u		60	140 J	TO-127var	
-	40250V1	NthAmerSemi	4.0	40	25	100	1.0m			5.8	175 J	TO-66var	
40	40250V1	Diode Trans	4.0	40	25	100	1.0m			5.8	175 J	TO-66var	
-	40622	See Index	4.0	40	25	100	500u			1.8	140 A	TO-220	
-	1571-0425	Powerex Inc	4.0	40	25		800k	1.0		29	175 J	TO-66	
-	40250	See Index	4.0	40	25	100	1.0M	1.0m		29	175 J	TO-66	
45	MJE5190J	Natl Semi	4.0	40	25	250	2.0M	100u		40	140 J	TO-126var	
-	2N5190	See Index	4.0	40	25	100	2.0M	100u		40	140 J	TO-126var	
-	MJE222	See Index	4.0	40	25		50M	100n		1.5	140 J	TO-126	
-	MJ480	See Index	4.0	40	30	200	4.0M	1.0m		5.0	175 J	TO-3	
-	MJE521	See Index	4.0	40	40		100u			40	135 J	TO-127var	
-	MJE521K	CrimsonSemi	4.0	40	40		100u			60	140 J	TO-127var	
50	BDY80	Semelab	4.0	40	40	240	1.0M	200u		36	140 J	TO-220	
-	BDY80	NthAmerSemi	4.0	40	40	240	1.0M	200u		36	140 J	TO-220	
-	2SD256	Sanken Elec	4.0	40	40	80	8.0M	10u	1.2u	1.7u	25	140 J	TO-66
-	MJE220	See Index	4.0	40	40	200	50M	100n		1.5	140 J	TO-126	
-	MJE221	See Index	4.0	40	40	150	50M	100n		1.5	140 J	TO-126	
55	2N6412	Space Power	4.0	40	40	250	50M	100u		15	140 J	TO-126var	
-	2N6412	CrimsonSemi	4.0	40	40	250	50M	100u		15	140 J	TO-126var	
-	BD561	NthAmerSemi	4.0	40	60		100u			40	140 J	TO-126var	
-	BD561	Motorola	4.0	40	60		100u			40	140 J	TO-126var	
-	SK3273	GE Solid St	4.0	40	60		1.5M			36	140 J	TO-220	
60	2SC756	Solid StInc	4.0	40	80		60M	3.0u		10	140 J	TO-5	
-	2N1069	See Index	4.0	45	10	50	1.2M	1.0m	1.8u	1.4u	50	175 A	TO-3
-	2N1070	See Index	4.0	45	10	50	1.2M	1.0m	1.8u	1.4u	50	175 A	TO-3
-	2N6121	See Index	4.0	45	25	100	2.5M	100u		40	140 J	TO-220AB	
65	BD585	Motorola	4.0	45	25		3.0M	100u		42	140 J	TO-225var	
-	BD585	NthAmerSemi	4.0	45	25		3.0M	100u		42	140 J	TO-225var	
-	D44C4	See Index	4.0	45	25		50M	10u	100n	75n	30	140 J	TO-220
-	N149	Keltron Pwr	4.0	45	30					30	175 J	TO-3	
-	BD437	See Index	4.0	45	30		3.0M	100u		36	140 J	TO-126	
-	BD737	NthAmerSemi	4.0	45	40		200u	300n		2.0	140 J	TO-220AB	
70	BD737	Natl Semi	4.0	45	40		200u	300n		2.0	140 J	TO-220AB	
-	BD187	See Index	4.0	45	40		2.0M	100u		40	140 J	TO-126var	
-	BD271	NthAmerSemi	4.0	45	40	120	2.0M	100u		36	140 J	TO-127var	
-	D44C6	See Index	4.0	45	40		50M	10u	100n	75n	30	140 J	TO-220
-	BD124P	NthAmerSemi	4.0	45	40	300	60M			15	175 J	TO-220	
75	BD124P	Semelab	4.0	45	40	300	60M			15	175 J	TO-220	
-	D44C5	See Index	4.0	45	100	220	50M	10u	100n	75n	30	140 J	TO-220
-	PN3054	CrimsonSemi	4.0	50	30		800k			25	140 J	TO-220	
-	2N5295	See Index	4.0	50	30	120	800k	100m		36	140 J	TO-220AB	
-	2N5296	See Index	4.0	50	30	120	800k	100m		36	140 J	TO-220AB	
80	SK3622	GE Solid St	4.0	50	40					35		TO-66var	
-	CX704	Semi Inc	4.0	50	40	240	3.0M			30		TO-220AB	
-	CX704	Advncd Semi	4.0	50	40	240	3.0M			30		TO-220AB	
-	MH8700	Micro Elecs	4.0	50	40	240	5.0M			30		TO-220AB	
85	M8700	Advncd Semi	4.0	50	40	240	5.0M			30		TO-220AB	
-	M8700	Semi Inc	4.0	50	40	240	5.0M			30		TO-220AB	
-	2N3878	See Index	4.0	50	50	200	40M	25m		35	175 J	TO-66	
-	2SD1133	Hitachi Ltd	4.0	50	60	320	7.0M			40		TO-220AB	
-	2SD476K	Hitachi Ltd	4.0	50	60	200	7M	1u	0.3u	3.0u	40	140 J	TO-220AB
-	2SC3473	Hitachi Ltd	4.0	50	100			10u	0.1u	0.1u	40	140 J	TO-220
90	2SD1348R	Sanyo Elect	4.0	50	100	200	150M	0.1u		1.2	140 J	TO-126	
-	2SD1348S	Sanyo Elect	4.0	50	140	280	150M	0.1u		1.2	140 J	TO-126	
-	BUY38	NthAmerSemi	4.0	55	20	250	800k			25	175 J	TO-66	
-	RCA3054	GE Solid St	4.0	55	25	100	800k	500u		36	140 J	TO-220AB	
-	40372	See Index	4.0	55	25	100	800k	1.0m		5.8	175 J	TO-66var	
95	BUY46	NthAmerSemi	4.0	55	25	100	1.0M	10m		24	175 J	TO-66	
-	BUY46	Semelab	4.0	55	25	100	1.0M	10m		24	175 J	TO-66	
-	BDY78	NthAmerSemi	4.0	55	25	100	8.0M	1.0m		25	175 J	TO-66	