

POWER SILICON NPN

Item Number	Part Number	Manufacturer	I_C Max		$V_{(BR)CEO}$ (V)	h_{FE}		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
			(A)	(V)		Min	Max							
I(C) >= 2.5 A, (Cont'd)														
-	DTS402	See Index	3.5	400				250u	1.2u			100	140 J	TO-204AA
-	DTS403	See Index	3.5	400				250u	700n			100	140 J	TO-204AA
-	FT402	SemiconTech	3.5	400			2.0M	500u				100	175 J	TO-3
-	FT402	FairchildSC	3.5	400			2.0M	500u				100	175 J	TO-3
5	SDT402	Soliton	3.5	400			2.0M	0.5m	2.5u			100	175 J	TO-3
-	SDT402	Sld St Dvcs	3.5	400			2.0M	0.5m	2.5u			100	175 J	TO-3
-	SDT402	PPC Product	3.5	400			2.0M	0.5m	2.5u			100	175 J	TO-3
-	SML402	Semelab	3.5	400			2.0M					100	175 J	TO-3
-	STS403	SiliconTran	3.5	400			2.5M	250u	700n			100	140 J	TO-3
10	BUX46	See Index	3.5	400			4.0M	2.0m	1.0u	800n		85	175 J	TO-3
-	STS402	SiliconTran	3.5	400			4.0M	500n	1.9u			100	140 J	TO-3
-	DTS409	See Index	3.5	400	15		2.2M	250u				100	140 J	TO-204AA
-	SDT403	Soliton	3.5	400	15		2.2M	500u				100	175 J	TO-3
-	SDT403	PPC Product	3.5	400	15		2.2M	500u				100	175 J	TO-3
15	STS409	SiliconTran	3.5	400	15		2.5M	350u				100	140 J	TO-3
-	DTS3705B	SemiconTech	3.5	400	25	75	110k	.50m						TO-3
-	DTS423	See Index	3.5	400	30	90	2.5M	250u				100	140 J	TO-204AA
-	DTS663	SemiconTech	3.5	400	30	90	2.5M	250u				60	140 J	TO-213AA
-	IR663	SemiconTech	3.5	400	30	90	2.5M	250u	250n			60	140 J	TO-66
20	SDT423	See Index	3.5	400	30	90	2.5M	0.5	800n	800n		100	175 J	TO-3
-	STI663	SemiconTech	3.5	400	30	90	2.5M	500u				60		TO-66
-	STS663	SiliconTran	3.5	400	30	90	2.5M	250u				60	140 J	TO-66
-	SPC423M	Solid Power	3.5	400	30	90	3.0M					100	125 J	TO-3
-	SPC425	Solid Power	3.5	400	30	90	4.0M	250u				100	140 J	TO-3
25	STS423	SiliconTran	3.5	400	30	90	5.0M	500u	300n			100	140 J	TO-3
-	2SC1875	See Index	3.5	500	5.0	25	16k	20u				50	140 J	TO-3
-	2SC1170	Solid Stinc	3.5	500	5.0	30	4.0M	10u				50	140 J	TO-3
-	2SC1893	Indust Mexi	3.5	500	8.0	30	3.0M	10u	1.0u			50	140 J	TO-3
-	2SC1170B	President	3.5	500	10	20	3.0M	10u	1.0u			50	140 J	TO-3
30	2SC1170B	Indust Mexi	3.5	500	10	20	3.0M	10u	1.0u			50	140 J	TO-3
-	DTS424	See Index	3.5	500	30	90	2.5M	250u				100	140 J	TO-204AA
-	DTS425	See Index	3.5	500	30	90	2.5M	250u				100	140 J	TO-204AA
-	DTS665	SemiconTech	3.5	500	30	90	2.5M	250u				60	140 J	TO-213AA
-	IR665	SemiconTech	3.5	500	30	90	2.5M	250u	250n			60	140 J	TO-66
35	PTC424	Power Tech	3.5	500	30	120	2.5M	100n				100	140 J	TO-204AA
-	PTC424P (A)	Power Tech	3.5	500	30	90	2.5M	100n				100	135 J	TO-247
-	PTC425	Power Tech	3.5	500	30	120	2.5M	100n				100	140 J	TO-204AA
-	PTC425P (A)	Power Tech	3.5	500	30	90	2.5M	100n				100	135 J	TO-247
40	SDT424	Sld St Dvcs	3.5	500	30	90	2.5M	0.5	250n	150n		100	175 J	TO-3
-	SDT424	PPC Product	3.5	500	30	90	2.5M	0.5	250n	150n		100	175 J	TO-3
-	SDT424	Soliton	3.5	500	30	90	2.5M	0.5	250n	150n		100	175 J	TO-3
-	SDT425	Soliton	3.5	500	30	90	2.5M	0.5	800n	800n		100	175 J	TO-3
-	SDT425	Sld St Dvcs	3.5	500	30	90	2.5M	0.5	800n	800n		100	175 J	TO-3
-	SDT425	PPC Product	3.5	500	30	90	2.5M	0.5	800n	800n		100	175 J	TO-3
45	STS665	SiliconTran	3.5	500	30	90	2.5M	250u				60	140 J	TO-66
-	2N5157	See Index	3.5	500	30	90	2.8M	500u	800n			100	140 J	TO-3
-	STS424	SiliconTran	3.5	500	30	90	4.0M	250u	300n			100	175 J	TO-3
-	STS425	SiliconTran	3.5	500	30	90	4.0M	250u	300n			100	175 J	TO-3
-	2SD1426 (A)	ToshibaCorp	3.5	600	8.0		3.0M	100u	1.0u			80	140 J	TO-247var
50	2SD1430 (A)	ToshibaCorp	3.5	600	8.0		3.0M	100u	1.0u			80	140 J	TO-247var
-	2SD819	ToshibaCorp	3.5	600	8	20	3.0M	10u	1.0u			50	140 J	TO-3
-	2SD869	Digitron	3.5	600	8	12	3.0M	10u	1.0u			50	140 J	TO-3
-	2SD869	ToshibaCorp	3.5	600	8	12	3.0M	10u	1.0u			50	140 J	TO-3
-	2SD869	President	3.5	600	8	12	3.0M	10u	1.0u			50	140 J	TO-3
55	STI665	SemiconTech	3.5	700	30	90	2.5M	500u				60		TO-66
-	2SC3480	Sanyo Elect	3.5	800	8.0		3.0M	10u	0.3u			80	140 J	TO-218var
-	2SC3484	Sanyo Elect	3.5	800	8.0		3M	10u	0.3u			80	140 J	TO-218var
-	2SD1397	Sanyo Elect	3.5	800	8.0	4.0k	3M	10u	0.7u			50	140 J	TO-218var
-	2SD1401	Sanyo Elect	3.5	800	8.0	4.0k	3M	10u	0.7u			80	140 J	TO-218var
60	2SD1650	Sanyo Elect	3.5	800	8.0		3.0M	10u		0.7u		50	140 S	TO-218var
-	2SD1654	Sanyo Elect	3.5	800	8.0		3.0M	10u		0.7u		50	140 S	TO-218var
-	2SD1440	Matsushita	3.5	1.5k	4.0	1.5		50u		9.0u		65	135 J	TO-247var
-	S2824	ToshibaCorp	3.5	1.5k	8.0		7.0M	1.0m	700n	1.0u		10	125 J	TO-3
65	SD1532-1	ThmsnCSFEFC	3.7	65				5.0				175	175 J	Macro-X
-	SD1532-8	ThmsnCSFEFC	3.7	65				5.0				175	175 J	RFMOD
-	2SC1348	Solid Stinc	4.0		4.5	19	5.0M	2.0m				125	125 J	TO-3
-	40629	New Jersey	4.0		20	70		500u				1.8	140 A	TO-220
-	40629	NthAmerSemi	4.0		20	70		500u				1.8	140 A	TO-220
-	40629	Sld St Dvcs	4.0		20	70		500u				1.8	140 A	TO-220
70	40630	Sld St Dvcs	4.0		20	70		500u				1.8	140 A	TO-220
-	40630	New Jersey	4.0		20	70		500u				1.8	140 A	TO-220
-	40630	NthAmerSemi	4.0		20	70		500u				1.8	140 A	TO-220
-	40631	See Index	4.0		20	70	800k	500u				1.8	140 A	TO-220
75	PT8886	TRW Optron	4.0	14	20			5m				25	140 J	Macro-X
-	PT8886A	TRW Optron	4.0	14	20			5m				25	140 J	SIX-8
-	PT8863	TRW RF Dvc	4.0	16	10	200	88M	10m				30	140 J	N/A
-	PT8863	TRW Optron	4.0	16	10	200	88M	10m				30	140 J	N/A
-	PT8863A	TRW Optron	4.0	16	10	200	88M	10m				30	140 J	SIX-8
-	2SC2628	MitsubiElec	4.0	17	10	180		2.0m				40	175	N/A
80	2SC2933	MitsubiElec	4.0	17	10	180		2.0m				40	175 J	N/A
-	MRF209	Motorola	4.0	18	5.0			500u				50	175 S	SIX-8
-	MRF222	Diode Trans	4.0	18	5.0			1.0m				65	175 S	SOT-123var
-	MRF223	Diode Trans	4.0	18	5.0			1.0m				65	175 S	SOT-123var
85	MRF238	Diode Trans	4.0	18	5.0							65	175 S	SIX-8
-	MRF238	Motorola	4.0	18	5.0							65	175 S	SIX-8
-	2N6082	See Index	4.0	18	5.0			1.0m				50	175 S	SIX-8
-	2N6083	See Index	4.0	18	5.0			1.0m				65	175 S	SIX-8
-	2N5705	See Index	4.0	18	15			2.0m				44	175 S	TO-128
-	SD1272	ThmsnCSFEFC	4.0	18	20			5.0m				65	200 J	SIX-8
90	2SC2285AK	NEC Corp JA	4.0	18	20	200		1.2m				43	175 J	RFMOD
-	2SC2285AM	NEC Corp JA	4.0	18	20	200		1.2m				43	175 J	RFMOD
-	MRF475	NthAmerSemi	4.0	18	30	60	30M	1.0m				10	140 J	TO-220AB
-	MRF475	Motorola	4.0	18	30	60	30M	1.0m				10	14	