

POWER SILICON NPN

Item Number	Part Number	Manufacturer	I _c Max (A)	V _{(BR)CEO} (V)	h _{FE}		f _T (Hz)	I _{CEO} Max (A)	t _r Max (s)	t _f Max (s)	P _D Max (W)	T _{Oper} Max (°C)	Package Style
					Min	Max							
I(C) >= 10 A, (Cont'd)													
-	2SC2431	Fujitsu Ltd	15	120	35	200	80M	50u	200n	150n	100	175 J	TO-3
-	BDT87F	PhilipsElec	15	120	50							175 J	SOT-186
-	BUY57	NthAmerSemi	15	125	12		20M		1.6u		117	175 J	TO-3
-	BUY57	Solitron	15	125	12		20M		1.6u		117	175 J	TO-3
5	BUY57	Semelab	15	125	12		20M		1.6u		117	175 J	TO-3
-	2N5498	See Index	15	130	10	50	1.0M	2.0m			200	175 J	TO-41var
-	2N6496	See Index	15	130	12	100	60M		500n	500n	80	175 J	TO-3
-	BDX11	See Index	15	140	20	70		1.0m			117	175 J	TO-3
-	1561-1404	Powerex Inc	15	140	20	70	800	2.0			115	175 J	TO-3
10	MJ15001	See Index	15	140	25	150	2.0M	100u			200	175 J	TO-3
-	SK3079	SemiconTech	15	140	80		1.0M				117	175 J	TO-3
-	SK3079	GE Solid St	15	140	80		1.0M				117	175 J	TO-3
-	KT926A	V/O Electro	15	150	10	60		25m			50	140 J	N/A
-	KT926B	V/O Electro	15	150	10	60		25m			50	140 J	N/A
15	KT945A	V/O Electro	15	150	10			25m			50	140 J	N/A
-	2N1818	See Index	15	150	10			30m	20u	25u	250	175 J	SIF-1/2
-	2N2118	See Index	15	150	10			30	20u	25u	250	175 J	SIF-1/2
-	2SC1440	Sanken Elec	15	150	12		10M	1.0m			100	140 J	TO-3
-	2SC1585	Solid StInc	15	150	30	50	10M	1.0m			150	140 J	TO-3
20	2SC1585	Sanken Elec	15	150	30	50	10M	1.0m			150	140 J	TO-3
-	2SC2256	Sanken Elec	15	150	30	180	10M	100u			150	140 J	TO-3
-	2N3240	See Index	15	160	8.5	25	1.0M	5.0m			150	175 C	TO-3
-	BUY58	See Index	15	160	12		20M		1.6u		117	175 J	TO-3
25	2SC2921	Sanken Elec	15	160	30	200	60M	100u			150	140 J	SIP
-	2SD424	Indust Mexi	15	160	40	140	100u				150	140 J	TO-3
-	2SD424	ToshibaCorp	15	160	40	140	100u				150	140 J	TO-3
-	2SC2461A-R	Indust Mexi	15	160	55	110	60M				150		TO-3
-	2SC2565	ToshibaCorp	15	160	55	240	80M	50u			150	140 J	SIP
-	2SC2461A-O	Indust Mexi	15	160	80	160	60M				150		TO-3
30	2SC2461A-Y	Indust Mexi	15	160	120	240	60M				150		TO-3
-	2SD552BN	Indust Mexi	15	180	25	50	3.5M		1.0u		150		TO-3
-	2SD552	ToshibaCorp	15	180	25	80	4.0M	500u	1.0u		150	140 J	TO-3
-	2SD552R	Indust Mexi	15	180	40	80	3.5M		1.0u		150		TO-3
-	2SD424R	Indust Mexi	15	180	40	80	6.0M				150		TO-3
35	2SD424O	Indust Mexi	15	180	70	140	6.0M				150		TO-3
-	SML14411	Semelab	15	200			10M				220	140 J	TO-63
-	BUY72	Solitron	15	200	8.0		50M		2.0u	2.0u	90	175 J	TO-3
-	BUY72	Semelab	15	200	8.0		50M		2.0u	2.0u	90	175 J	TO-3
-	BUY72	NthAmerSemi	15	200	8.0		50M		2.0u	2.0u	90	175 J	TO-3
40	2N1819	See Index	15	200	10			30m	20u	25u	250	175 J	SIF-1/2
-	2N2119	See Index	15	200	10			30	20u	25u	250	175 J	SIF-1/2
-	2SC2972	Origin Elec	15	200	10	35		30u	4.5u		150		TO-3
-	SM6259	Semelab	15	200	10	30	10M				275		TO-3
45	BUY73	NthAmerSemi	15	200	10		20M		1.0u		117	175 J	TO-3
-	BUY73	Solitron	15	200	10		20M		1.0u		117	175 J	TO-3
-	BUY73	Semelab	15	200	10		20M		1.0u		117	175 J	TO-3
-	2SC1441	Sanken Elec	15	200	12		10M	1.0m			100	140 J	TO-3
-	BUX41	See Index	15	200	15	45	8.0M	5.0m	1.5u	800n	120	175 J	TO-3
-	SDT14411	Solitron	15	200	15	60	10M	100u	400n	300n	220	175 J	TO-63
50	SDT14411	PPC Product	15	200	15	60	10M	100u	400n	300n	220	175 J	TO-63
-	TIP538	See Index	15	200	20	100	10M	1.0m			5.0	175 J	TO-3
-	2SD376	NEC Corp JA	15	200	30	160		1.0m		150n	100	175 J	TO-3
-	2SC2607	Sanken Elec	15	200	30		20	100u			150	140 J	TO-3
-	2SC1586	Sanken Elec	15	200	30	50	10M	1.0m			150	140 J	TO-3
55	2SC2773	Sanken Elec	15	200	30	200	20M	100u			150	140 J	N/A
-	2SD555	NEC Corp JA	15	200	40	200	7.0M	100u			200	140 J	TO-3
-	2SD665R	Indust Mexi	15	200	40	80	12M				150		TO-3
-	IDC3281	Intl Device	15	200	55	160	30M				150		TO-247var
-	2SC3281	ToshibaCorp	15	200	55	160	30M	5.0u			150	140 J	TO-247var
60	2SD665O	Indust Mexi	15	200	70	140	12M				150		TO-3
-	SML14412	Semelab	15	225			10M				220	140 J	TO-63
-	SDT14412	PPC Product	15	225	15	60	10M	100u	400n		220	175 J	TO-63
-	SDT14412	Solitron	15	225	15	60	10M	100u	400n		220	175 J	TO-63
-	2SC1436	Sanken Elec	15	230	12		10M	1.0m			100	140 J	TO-3
65	2SC1786	Sanken Elec	15	230	12		10M	100u			100	140 J	TO-3
-	2N1820	See Index	15	250	10			30m	20u	25u	250	175 J	SIF-1/2
-	2N2120	See Index	15	250	10			30m	20u	25u	250	175 J	SIF-1/2
-	SDT14413	Solitron	15	250	15	60	10M	100u	400n		220	175 J	TO-63
-	SDT14413	PPC Product	15	250	15	60	10M	100u	400n		220	175 J	TO-63
70	BDY45	See Index	15	250	20		13M	200u	3.0u	1.0u	95	175 J	TO-3
-	BUY50	Semelab	15	250	20		13M	1.0m	.50u	1.0u	95	140 J	TO-3
-	BUY50	Telefunken	15	250	20		13M	1.0m	.50u	1.0u	95	140 J	TO-3
-	BUY50	NthAmerSemi	15	250	20		13M	1.0m	.50u	1.0u	95	140 J	TO-3
75	2SD321	Elec Trans	15	250	25	100		200u	1.0u		60	140 J	TO-3
-	SML14414	Semelab	15	275			10M				220	140 J	TO-63
-	SDT14414	Solitron	15	275	15	60	10M	500u	400n		220	175 J	TO-63
-	SDT14414	PPC Product	15	275	15	60	10M	500u	400n		220	175 J	TO-63
-	SML14415	Semelab	15	300			10M				220	140 J	TO-63
-	2N6546	See Index	15	300	6.0	30	6.0M	100u	1.0u	700n	175	175 J	TO-204AA
80	PTC6676P	Power Tech	15	300	8.0	20		100u	600n	500n	125	140 J	TO-247
-	2N6933	Space Power	15	300	8	35		.1m	.7M		175	175 J	TO-204
-	2N6933	SemiconTech	15	300	8	35		.1m	.7M		175	175 J	TO-204
-	40854	See Index	15	300	8.0						175	175 J	TO-3
85	MJH6676	See Index	15	300	8.0		15M	100u	600n	500n	125	175 J	TO-218
-	RJH6676	GE Solid St	15	300	8.0		15M	100u	600n	500n	175	175 J	TO-218AC
-	2N6674	See Index	15	300	8.0	20	15M	100u	600n	500n	175	175 J	TO-204AA
-	2N6676	See Index	15	300	8.0	20	15M	100u	600n	500n	175	175 J	TO-204AA
-	2N6689	See Index	15	300	8.0	20	15M	100u	600n	500n	175	175 J	TO-61
-	2N6691	See Index	15	300	8.0	20	15M	100u	600n	500n	175	175 J	TO-61
90	GSTU10030	GeneralSemi	15	300	8.0		25M	100u	25u	40u	175	175 J	TO-204AA
-	GSRU10030	GeneralSemi	15	300	10		20M	500u	350n	300n	175	175 J	TO-3
-	SDT19113	Solitron	15	300	15			2.0m	1.0u		175	175 J	TO-3
-	SDT14415	PPC Product	15	300	15	60	10M	500u	400n		220	175 J	TO-63
-	SDT14415	Solitron	15	300	15	60	10M	500u	400n		220	175 J	TO-63
95	TIP539	See Index	15	300	20	100	10M	1.0m			5.0	175 J	TO-3
-	BDY46	See Index	15	300	20		13M	200u	3.0u	1.0u	95	175 J	TO-3
-	TIP531	PPC Product	15	300	20	120	50M	1.0m			4.0	175 J	TO-3

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