

POWER SILICON NPN

Item Number	Part Number	Manufacturer	I _C Max (A)	V _{(BR)CEO} (V)	h _{FE} Min	h _{FE} 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) >= 20 A, (Cont'd)													
-	SDT8045	Solitron	20	25	40			10u			175	175 J	TO-63
-	SDT8045	PPC Product	20	25	40			10u			175	175 J	TO-63
-	J02053	TRW Opttron	20	30							320	175 J	SOT-118var
-	BUP30	Semelab	20	30	70	300	120M	100u			35	140 J	TO-220
5	2SD1213Q	Sanyo Elect	20	30	70	140	120M	0.1m	20n		2.5	140 J	TO-218var
-	2SD1213R	Sanyo Elect	20	30	100	200	120M	0.1m	20n		2.5	140 J	TO-218var
-	2SC2510	ToshibaCorp	20	35	10						250	175 J	SOT-121var
-	SD1450	ThmsnCSFEFC	20	35	10		30M				290	175 J	SOT-121var
-	MRF422	Motorola	20	40	10	30		10m			290	175 S	SOT-121var
10	MRF422	Diode Trans	20	40	10	30		10m			290	175 S	SOT-121var
-	PT9780	TRW Opttron	20	40	10	100	30M	25m			350	140 S	SOT-121var
-	SPC163-04	Solid Power	20	40	15			30m			200	140 J	TO-63
-	163-04A	Pwr TechInc	20	40	15			30m	6.0u	12u	200	175 J	SiR-5/16
-	163-04SPC	Solid Power	20	40	15			30m	6.0u	12u	200	175 J	SiR-5/16
15	2N6257	See Index	20	40	15	75		10m			150	175 J	TO-3
-	163-04	Powerex Inc	20	40	15		500k	30m	6.0u	7.0u	200	175 J	SiR-5/16
-	163-04	SemiconTech	20	40	15		500k	30m	6.0u	7.0u	200	175 J	SiR-5/16
-	MJ6257	NthAmerSemi	20	40	15	75	2.0M	1.0m	700n	800n	200	175 J	TO-3
-	1723-0405	Sld St Dvcs	20	40	20		30M		250n	250n	85	175 J	TO-3
20	1723-0410	Sld St Dvcs	20	40	20		30M		300n	300n	85	175 J	TO-3
-	KSP1251	PPC Product	20	40	20	60	35M	1.0u			200	140 J	TO-63
-	SPC164-04	Solid Power	20	40	25			30m			200	175 J	TO-63
-	164-04A	Pwr TechInc	20	40	25			30m	6.0u	12u	200	175 J	SiR-5/16
-	164-04SPC	Solid Power	20	40	25			30m	6.0u	12u	200	175 J	SiR-5/16
25	164-04	SemiconTech	20	40	25		500k	30m	6.0u	7.0u	200	175 J	SiR-5/16
-	164-04	Powerex Inc	20	40	25		500k	30m	6.0u	7.0u	200	175 J	SiR-5/16
-	ST28138	SemiconTech	20	40	30	150	10M	500u			150	175	TO-3
-	SDT3201	See Index	20	40	30	90	30M	10u	500n	500n	87	175 J	TO-61
-	SDT44331	PPC Product	20	40	30		60M	10u	300n		122	175 J	TO-3
30	SDT44331	Solitron	20	40	30		60M	10u	300n		122	175 J	TO-3
-	KSP1254	PPC Product	20	40	40	120	35M	1.0u			200	175 C	TO-63
-	2N3597	See Index	20	40	75	225	30M	100n	700n	2.7u	100	175 C	TO-63
-	BD745	Semelab	20	45	20	150		100u	350n	400n	3.5	140 J	TO-3
-	BD745	NthAmerSemi	20	45	20	150		100u	350n	400n	3.5	140 J	TO-3
35	BD745	TexInstLtd	20	45	20	150		100u	350n	400n	3.5	140 J	TO-3
-	2N1823	Hi-Tron	20	50	10			30m	20u	25u	250	175 J	SiF-1/2
-	2N1823	AmerMicroSC	20	50	10			30m	20u	25u	250	175 J	SiF-1/2
-	2N1823	Space Power	20	50	10			30m	20u	25u	250	175 J	SiF-1/2
-	2N2123	See Index	20	50	10			30	20u	25u	250	175 J	SiR-1/2
40	2N2739	See Index	20	50	10			15m	6000n		200	175 C	TO-81
-	2N2745	See Index	20	50	10			15m	7000n		200	175 C	TO-81
-	2N2751	See Index	20	50	10			15m	7000n		200	175 C	TO-81
-	163-05	Powerex Inc	20	50	15		500k	30m	6.0u	7.0u	200	175 J	SiR-5/16
-	164-05	Powerex Inc	20	50	25		500k	30m	6.0u	7.0u	200	175 J	SiR-5/16
45	MRF428A	Motorola	20	55	10	30					320	175 S	SiX-1/4
-	SML8002	Semelab	20	60			20M				100	140 J	TO-63
-	SML8012	Semelab	20	60			25M				100	140 J	TO-63
-	SML8015	Semelab	20	60			25M				100	140 J	TO-63
-	SML8070	Semelab	20	60			25M				100	140 J	TO-63
50	2N1936	See Index	20	60	10	50	4.0M	10m			150	175 J	TO-63
-	SPC163-06	Solid Power	20	60	15			30m			200	140 J	TO-63
-	163-06A	Pwr TechInc	20	60	15			30m	6.0u	12u	200	175 J	SiR-5/16
-	163-06SPC	Solid Power	20	60	15			30m	6.0u	12u	200	175 J	SiR-5/16
55	2N3772	See Index	20	60	15	60		5.0m			150	175 J	TO-3
-	RCS258	GE Solid St	20	60	15	60		5.0m			250	175 J	TO-3
-	163-06	Powerex Inc	20	60	15		200k	30m	6.0u	7.0u	200	175 J	SiR-5/16
-	163-06	SemiconTech	20	60	15		500k	30m	6.0u	7.0u	200	175 J	SiR-5/16
-	MJ3772	See Index	20	60	15	60	2.0M	1.0m	700n	800n	200	175 J	TO-3
-	BDX61	NthAmerSemi	20	60	20	250					150	175 J	TO-3
60	BDX61	IntlPwrSemi	20	60	20	250					150	175 J	TO-3
-	BD745A	NthAmerSemi	20	60	20	150		100u	350n	400n	3.5	140 J	TO-3
-	BD745A	Semelab	20	60	20	150		100u	350n	400n	3.5	140 J	TO-3
-	BD745A	TexInstLtd	20	60	20	150		100u	350n	400n	3.5	140 J	TO-3
-	BDX40	NthAmerSemi	20	60	20	250	800k	5.0m			150	175 J	TO-3
65	2N4210	See Index	20	60	20	100	10M	500u			100	175 J	TO-63
-	SDT8012	PPC Product	20	60	20	60	25M	10u			175	175 J	TO-63
-	SDT8012	Solitron	20	60	20	60	25M	10u			175	175 J	TO-63
-	SDT8012	Sld St Dvcs	20	60	20	60	25M	10u			175	175 J	TO-63
-	SDT8158	PPC Product	20	60	20	60	30M	100u			175	175 J	TO-61
70	SDT8158	Sld St Dvcs	20	60	20	60	30M	100u			175	175 J	TO-61
-	SDT8158	Solitron	20	60	20	60	30M	100u			175	175 J	TO-61
-	1723-0605	Sld St Dvcs	20	60	20		30M		250n	250n	85	175 J	TO-3
-	1723-0610	Sld St Dvcs	20	60	20		30M		300n	300n	85	175 J	TO-3
-	2N6046	See Index	20	60	20	100	30M		600n	350n	114	175 J	TO-63
75	SPC164-06	Solid Power	20	60	25			30m			200	140 J	TO-63
-	164-06A	Pwr TechInc	20	60	25			30m	6.0u	12u	200	175 J	SiR-5/16
-	164-06SPC	Solid Power	20	60	25			30m	6.0u	12u	200	175 J	SiR-5/16
-	164-06	SemiconTech	20	60	25		500k	30m	6.0u	7.0u	200	175 J	SiR-5/16
-	164-06	Powerex Inc	20	60	25		500k	30m	6.0u	7.0u	200	175 J	SiR-5/16
80	BLX85	NthAmerSemi	20	60	30	150	10M				175	175 J	TO-3
-	BLX85	Solitron	20	60	30	150	10M				175	175 J	TO-3
-	ST28139	SemiconTech	20	60	30	150	10M	500u			150	175	TO-3
-	SDT3202	See Index	20	60	30	90	30M	10u	500n	500n	87	175 J	TO-61
-	SDT44332	PPC Product	20	60	30		60M	10u	300n		122	175 J	TO-3
85	SDT44332	Solitron	20	60	30		60M	10u	300n		122	175 J	TO-3
-	BDY76	Semelab	20	60	40	120	800k	5.0m			150	175 J	TO-3
-	BDY76	NthAmerSemi	20	60	40	120	800k	5.0m			150	175 J	TO-3
-	SDT8002	Sld St Dvcs	20	60	40	120	20M	100u			175	175 J	TO-63
-	SDT8002	Solitron	20	60	40	120	20M	100u			175	175 J	TO-63
90	SDT8002	PPC Product	20	60	40	120	20M	100u			175	175 J	TO-63
-	SDT8015	Solitron	20	60	40	120	25M	10u			175	175 J	TO-63
-	SDT8015	PPC Product	20	60	40	120	25M	10u			175	175 J	TO-63
-	SDT8015	Sld St Dvcs	20	60	40	120	25M	10u			175	175 J	TO-63
-	SDT8153	Solitron	20	60	40	120	30M	100u			175	175	TO-61
95	SDT8153	PPC Product	20	60	40	120	30M	100u			175	175	TO-61
-	SDT8153	Sld St Dvcs	20	60	40	120	30M	100u			175	175	TO-61
-	2N3598	See Index	20	60	75	225	30M	100n	700n	2.7u	100	175 C	TO-63