

POWER SILICON NPN

Item Number	Part Number	Manufacturer	Ic Max (A)	V(BR)CEO (V)	hFE		fT (Hz)	IcBO Max (A)	tr Max (s)	tr Max (s)	PD Max (W)	Toper Max (°C)	Package Style
					Min	Max							
I(C) >= 20 A, (Cont'd)													
-	SCA14067	Semicoa	30	150	10	50	30M	10u	600n		150	175 J	TO-3
-	SDT44312	PPC Product	30	150	15		40M	1.0u	1.0u		200	175 J	TO-3
-	SDT44312	Soliton	30	150	15		40M	1.0u	1.0u		200	175 J	TO-3
-	2N5672	See Index	30	150	20	100	50M		500n	500n	80	175 J	TO-3
5	1743-1620	Sld St Dvcs	30	160	20	100	30M		600n	350n	175	175 J	TO-3
-	2N5931	See Index	30	160	20	100	30M		500n	300n	100	175 J	TO-3var
-	2N5937	See Index	30	160	20	100	30M		700n	400n	100	175 J	TO-3var
-	SML44313	Semelab	30	175			40M				200	140 J	TO-3
-	SDT44313	Soliton	30	175	15		40M	1.0u	1.0u		200	175 J	TO-3
-	SDT44313	PPC Product	30	175	15		40M	1.0u	1.0u		200	175 J	TO-3
10	GSTU30018	GeneralSemi	30	180	10		20M	500u	600n	300n	175	175 J	TO-204AA
-	1743-1810	Sld St Dvcs	30	180	20	100	30M		500n	300n	175	175 J	TO-3
-	1743-1820	Sld St Dvcs	30	180	20	100	30M		600n	350n	175	175 J	TO-3
-	2N5584	See Index	30	180	40	120	70M	50m	350n	1.2m	100	175 J	TO-63
15	SVT7600	TRW Optron	30	200	5.0		50M		200n	400n	150	175 J	TO-3
-	SVT7600	SemiconTech	30	200	5.0		50M		200n	400n	150	175 J	TO-3
-	SVT7600	PPC Product	30	200	5.0		50M		200n	400n	150	175 J	TO-3
-	2N2760	See Index	30	200	10			15m	600n		200	175 C	SIR-5/16
-	2N2766	See Index	30	200	10			15m	600n		200	175 C	SIR-5/16
-	2N2772	See Index	30	200	10			15m	700n		200	175 C	SIR-5/16
-	2N2778	See Index	30	200	10			15m	800n		200	175 C	SIR-5/16
-	2N3260	See Index	30	200	10	40		2.0m	5.8u	6.0u	200	175 C	SIR-5/16
-	2SC435	Shindengen	30	200	10	20	400k	5.0m	1.0u	1.0u	200	140 J	TO-3var
-	PT7509	Sld St Dvcs	30	200	10	40	1.0M	2.0m	2.0u	2.0u	350	140 J	TO-63
-	PT7509	Pwr Technic	30	200	10	40	1.0M	2.0m	2.0u	2.0u	350	140 J	TO-63
-	GSTU30020	GeneralSemi	30	200	10		20M	500u	600n	300n	175	175 J	TO-204AA
-	1843-2020	Sld St Dvcs	30	200	10		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	2SC2128	Shindengen	30	200	15	45	500u	1.0u	1.0u	1.0u	200	140 J	TO-3var
-	1843-2010	Sld St Dvcs	30	200	15		25M	5.0m	500n	1.0u	85	175 J	TO-3
30	SVT200-20	SemiconTech	30	200	15		60M	100u	200n	300n	175	175 J	TO-3
-	SVT200-20	Sld St Dvcs	30	200	15		60M	100u	200n	300n	175	175 J	TO-3
-	2SC434A	Shindengen	30	200	20	28	400k	500u	1.0u	100u	200	140 J	TO-3var
-	2SC436	Shindengen	30	200	20	40	400k	5.0m	1000n	1.0u	200	140 J	TO-3var
-	1843-2005	SemiconTech	30	200	20		25M	5.0m	500n	1.0u	85	175 J	TO-3
35	1843-2005	Sld St Dvcs	30	200	20		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	2N6322	See Index	30	200	40	150	10M	5.0m			200	175 J	TO-3
-	2N6324	See Index	30	200	40	150	10M	5.0m			200	175 J	TO-63
-	1843-2220	Sld St Dvcs	30	225	10		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	1843-2210	Sld St Dvcs	30	225	15		25M	5.0m	500n	1.0u	85	175 J	TO-3
40	1843-2205	Sld St Dvcs	30	225	20		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	BUV52 (A)	ThmsnCSFEFC	30	250				500u	600n	300n	150	175 J	TO-3
-	BUV52 (A)	Semelab	30	250				500u	600n	300n	150	175 J	TO-3
-	BUW52 (A)	ThmsnCSFEFC	30	250				500u	1.0u	200u	150	175 J	TO-218AA
-	BUW52 (A)	NthAmerSemi	30	250				500u	1.0u	200u	150	175 J	TO-218AA
45	SVT7601	TRW Optron	30	250	5.0		50M		200n	400n	150	175 J	TO-3
-	SVT7601	SemiconTech	30	250	5.0		50M		200n	400n	150	175 J	TO-3
-	SVT7601	PPC Product	30	250	5.0		50M		200n	400n	150	175 J	TO-3
-	2N2761	See Index	30	250	10			15m	600n		200	175 C	SIR-5/16
-	2N2767	See Index	30	250	10			15m	6.0u	12u	200	175 C	SIR-5/16
50	2N2773	See Index	30	250	10			15m	7.0u	13u	200	175 C	SIR-5/16
-	2N2779	See Index	30	250	10			15m	8.0u	14u	200	175 C	SIR-5/16
-	1843-2520	Sld St Dvcs	30	250	10		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	BUV23	Semelab	30	250	15	60	8.0M				250	175 J	TO-3
-	BUV23	NthAmerSemi	30	250	15	60	8.0M				250	175 J	TO-3
-	1843-2510	Sld St Dvcs	30	250	15		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	SVT250-20	Sld St Dvcs	30	250	15		60M	100u	200n	300n	175	175 J	TO-3
-	SVT250-20	SemiconTech	30	250	15		60M	100u	200n	300n	175	175 J	TO-3
-	1843-2505	Sld St Dvcs	30	250	20		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	1843-2720	Sld St Dvcs	30	275	10		25M	5.0m	500n	1.0u	85	175 J	TO-3
60	1843-2710	Sld St Dvcs	30	275	15		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	1843-2705	Sld St Dvcs	30	275	20		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	SVT7602	PPC Product	30	300	5.0		50M		200n	400n	150	175 J	TO-3
-	SVT7602	TRW Optron	30	300	5.0		50M		200n	400n	150	175 J	TO-3
-	SVT7602	SemiconTech	30	300	5.0		50M		200n	400n	150	175 J	TO-3
65	PTC6679	Power Tech	30	300	8	20		100u	600n	500n	230	175 J	TO-204AE
-	2N2762	See Index	30	300	10			15m	6.0u	12u	200	175 C	SIR-5/16
-	2N2768	See Index	30	300	10			15m	6.0u	12u	200	175 C	SIR-5/16
-	2N2774	See Index	30	300	10			15m	7.0u	13u	200	175 C	SIR-5/16
-	2N2780	See Index	30	300	10			15m	8.0u	14u	200	175 C	SIR-5/16
70	2SC2220	ToshibaCorp	30	300	10			1.0m	7.0u	1.0u	250	140 J	TO-3var
-	1843-3020	Sld St Dvcs	30	300	10		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	SCA14030	Semicoa	30	300	10	40	30M	10u	500n		200	175 J	TO-3
-	SCA14031	Semicoa	30	300	10	40	30M	10u	500n		200	175 J	TO-63
75	1843-3010	Sld St Dvcs	30	300	15		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	SVT300-20	SemiconTech	30	300	15		60M	100u	200n	300n	175	175 J	TO-3
-	SVT300-20	Sld St Dvcs	30	300	15		60M	100u	200n	300n	175	175 J	TO-3
-	1843-3005	Sld St Dvcs	30	300	20		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	2N6323	See Index	30	300	30	150	10M	5.0m			200	175 J	TO-3
-	2N6325	See Index	30	300	30	150	10M	5.0m			200	175 J	TO-63
80	BUR23	NthAmerSemi	30	325				500u	.75u	.80u	250	175 J	TO-3
-	BUR23	Semelab	30	325				500u	.75u	.80u	250	175 J	TO-3
-	BUR23	SGS-Ates	30	325				500u	.75u	.80u	250	175 J	TO-3
-	PT3512	Pwr Technic	30	325	10	15	10M	1.0m	500n	500n	350	175	TO-63
-	PT3512	Sld St Dvcs	30	325	10	15	10M	1.0m	500n	500n	350	175	TO-63
85	1843-3220	Sld St Dvcs	30	325	10		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	BUX23	See Index	30	325	15	60	8.0M	5.0m	2.0u	1.0u	250	175 J	TO-3
-	1843-3210	Sld St Dvcs	30	325	15		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	1843-3205	Sld St Dvcs	30	325	20		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	BUS24A	AmperexElec	30	350					40n	40n	250		TO-3
-	BUS24A	NthAmerSemi	30	350					40n	40n	250		TO-3
90	PTC6680	Power Tech	30	350	8	20		100u	600n	500n	230	175 J	TO-204AE
-	1843-3520	Sld St Dvcs	30	350	10		25M	5.0m	500n	1.0u	85	175 J	TO-3
-	1843-3510	Sld St Dvcs	30	350	15		25M	5.0m	500n	1.0u	85	175 J	