

POWER SILICON NPN

Item Number	Part Number	Manufacturer	I _C Max (A)	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
					Min	Max							
I(C) >= 5 A, (Cont'd)													
-	SVT300-5	PPC Product	5.0	300	15				400n	500n	150		TO-3
-	SVT300-5	TRW Optron	5.0	300	15				400n	500n	150		TO-3
-	MJ3430	See Index	5.0	300	15	45	2.5M	2.5m			125	140 J	TO-3
-	SPC430	Solid Power	5.0	300	15	45	4.0M	500m			125	140 J	TO-3
5	2N5240	See Index	5.0	300	20	80	2.0M	2.0m			100	175 J	TO-3
-	BDY43	NthAmerSemi	5.0	300	20		12M	200u	2.0u	1.0u	60	175 J	TO-3
-	BDY43	Comset Semi	5.0	300	20		12M	200u	2.0u	1.0u	60	175 J	TO-3
-	BDY43	Semelab	5.0	300	20		12M	200u	2.0u	1.0u	60	175 J	TO-3
-	SDT40304	PPC Product	5.0	300	20	80	25M	10u	350n	500n	220	175 J	TO-3
10	SDT40304	Solitron	5.0	300	20	80	25M	10u	350n	500n	220	175 J	TO-3
-	SDT4905	See Index	5.0	300	20	60	30M	1.0u			35		TO-66
-	SDT4925	See Index	5.0	300	20	60	30M	1.0u			7.0		TO-5
-	KSP1055	PPC Product	5.0	300	20	60	40M	1.0u					TO-5
-	KSP1075	PPC Product	5.0	300	20	60	40M	1.0u					TO-66
15	KSP1095	PPC Product	5.0	300	20	60	40M	1.0u					TO-3
-	SDT4945	Slid St Dvcs	5.0	300	20	60	60M				53		TO-111
-	UPT524	Unitrode	5.0	300	25		30M	10u	200n	900n	25	175 J	TO-66
-	UPT525	Unitrode	5.0	300	25		30M	10u	200n	900n	25	175 J	TO-66
-	MJ411	See Index	5.0	300	30	90	2.5M	250u			100	140 J	TO-3
20	2SD1162M	NEC Corp JA	5.0	300	400	800		10u	1u	6u	40	140 J	TO-220var
-	2SD1162V443	NECElectrinc	5.0	300	400	3.0k		10u	1.0u	6.0u	1.8	140 J	TO-220AB
-	2SD1162L	NEC Corp JA	5.0	300	600	1.2k		10u	1u	6u	40	140 J	TO-220var
-	2SD1162K	NEC Corp JA	5.0	300	1k	3k		10u	1u	6u	40	140 J	TO-220var
-	MJ3030	See Index	5.0	325				1.0m	1.0u		125	140 J	TO-3
25	SPC431M	Solid Power	5.0	325	15	35					125		TO-3
-	SPC431	Solid Power	5.0	325	15	45	4.0M	500m			125	140 J	TO-3
-	SDT1013	Solitron	5.0	325	15	90	5.0M	5.0m			100	175 J	TO-3
-	2N6235	See Index	5.0	325	25	125	20M	100u	500n	500n	50	175 J	TO-66
-	BUT21A (A)	NthAmerSemi	5.0	350					300n	40n	20	140 J	TO-220AB
30	BUT21A (A)	AmperexElec	5.0	350					300n	40n	20	140 J	TO-220AB
-	SML40305	Semelab	5.0	350			25M				220	140 J	TO-3
-	MJE53T	SemiconTech	5.0	350	5.0			1.0m	500n		80	140 J	TO-220AB
-	MJE53T	President	5.0	350	5.0			1.0m	500n		80	140 J	TO-220AB
35	PEC7306A	President	5.0	350	8.0		4.0M		1.0u	1.0u	50		TO-220
-	BUS21A (A)	PhilipsElec	5.0	350	9.0			1.0m			100	175 J	TO-3
-	BUS21A (A)	AmperexElec	5.0	350	9.0			1.0m			100	175 J	TO-3
-	BUS21A (A)	NthAmerSemi	5.0	350	9.0			1.0m			100	175 J	TO-3
-	BUT21AF (A)	PhilipsElec	5.0	350	9.0			1.0m		250n	20	140 J	SOT-186
40	XGSA3035	GeneralSemi	5.0	350	10			250u	.45u	.60u	10	175 J	TO-5
-	2N6499	See Index	5.0	350	10	75	5.0M	1.0m	1.0u	1.0u	80	140 J	TO-220AB
-	XGSC3035	GeneralSemi	5.0	350	10		25M	250u	400n	350n	15	175 J	TO-66
-	XGSR3035	GeneralSemi	5.0	350	10		25M	250u	400n	350n	75	175 J	TO-3
-	BUW41A	NthAmerSemi	5.0	350	10	40	60M	0.1m	0.5u	0.4u	100	140 J	TO-220AB
45	BUW41A	GE Solid St	5.0	350	10	40	60M	0.1m	0.5u	0.4u	100	140 J	TO-220AB
-	BUX16C	NthAmerSemi	5.0	350	15	130		2.0m			100	175 C	TO-3
-	BUX16C	GE Solid St	5.0	350	15	130		2.0m			100	175 C	TO-3
-	BDY44	NthAmerSemi	5.0	350	20		12M	200u	2.0u	1.0u	560	175 J	TO-3
-	BDY44	Semelab	5.0	350	20		12M	200u	2.0u	1.0u	560	175 J	TO-3
-	SDT40305	PPC Product	5.0	350	20	80	25M	10u	350n	500n	220	175 J	TO-3
50	SDT40305	Solitron	5.0	350	20	80	25M	10u	350n	500n	220	175 J	TO-3
-	MJ424	CrimsonSemi	5.0	350	30	90	2.5M	250u			100	140 J	TO-3
-	MJ424	NthAmerSemi	5.0	350	30	90	2.5M	250u			100	140 J	TO-3
-	MJ424	SemiconTech	5.0	350	30	90	2.5M	250u			100	140 J	TO-3
55	2N5805	See Index	5.0	375	10	100	15M		500n	2.0u	62	175 J	TO-3
-	BUS11	See Index	5.0	400				1.0m	1.0u	.80u	100	175 J	TO-3
-	BUW11F	PhilipsElec	5.0	400					800n	800n	100		N/A
-	SML401	Semelab	5.0	400			2.0M				100	175 J	TO-3
-	SML430	Semelab	5.0	400			2.5M				125	175 J	TO-3
-	SML431	Semelab	5.0	400			2.5M				125	175 J	TO-3
60	SGSF321 (A)	SGS-Ates	5.0	400	5.0			200u		0.5u	85	140 J	TO-220
-	SGSF421 (A)	SGS-Ates	5.0	400	5.0			200u		0.5u	100	140 J	TO-218
-	SGSF521 (A)	SGS-Ates	5.0	400	5.0			200u		0.5u	95	140 J	TO-3
65	SGSIF421 (A)	SGS-Ates	5.0	400	5.0			200u		0.5u	42	140 J	TO-218
-	SGSIF521 (A)	SGS-Ates	5.0	400	5.0			200u		0.5u	95	140 J	TO-3
-	BUW11	See Index	5.0	400	6.0	50		1.0m	800n	800n	125	140 J	TO-218AC
-	2SD458	Elec Trans	5.0	400	6.5			1.0m			80	140 J	TO-3
-	2N6543	See Index	5.0	400	7.0	35	6.0M	500u	700n	800n	100	175 J	TO-3
-	BUS21B (A)	AmperexElec	5.0	400	7.5			1.0m			100	175 J	TO-3
-	BUS21B (A)	PhilipsElec	5.0	400	7.5			1.0m			100	175 J	TO-3
70	BUS21B (A)	NthAmerSemi	5.0	400	7.5			1.0m			100	175 J	TO-3
-	BUT21B (A)	PhilipsElec	5.0	400	7.5			1.0m	300n	300n	20	140 J	TO-220AB
-	BUT21B (A)	AmperexElec	5.0	400	7.5			1.0m	300n	300n	20	140 J	TO-220AB
-	BUT21B (A)	NthAmerSemi	5.0	400	7.5			1.0m	300n	300n	20	140 J	TO-220AB
75	BUT21BF (A)	PhilipsElec	5.0	400	7.5			1.0m			20	140 J	SOT-186
-	MJE13070	See Index	5.0	400	8			3.0m	400n	500n	80	140 J	TO-220AB
-	MJ13070	See Index	5.0	400	8.0			500u	400n	500n	125	175 J	TO-3
-	PEC7307	President	5.0	400	8.0		4.0M		1.0u	1.0u	50		TO-220
-	DT4305	SemiconTech	5.0	400	10	50		10m			30		TO-3
-	XGSA3040	GeneralSemi	5.0	400	10			250u	0.2u	.35u	10	175 J	TO-5
80	2SC2975	Origin Elec	5.0	400	10	35		30u	4.5u		40		TO-66
-	XGSO3040	GeneralSemi	5.0	400	10		25M	250u	400n	350n	15	175 J	TO-66
-	XGSR3040	GeneralSemi	5.0	400	10		25M	250u	400n	350n	75	175 J	TO-3
-	BUW41B	NthAmerSemi	5.0	400	10	40	60M	0.1m	0.5u	0.4u	100	140 J	TO-220AB
85	BUW41B	GE Solid St	5.0	400	10	40	60M	0.1m	0.5u	0.4u	100	140 J	TO-220AB
-	2SC2553	ToshibaCorp	5.0	400	12			100u	1.0u	1.0u	40	140 J	TO-220AB
-	2SC3236	ToshibaCorp	5.0	400	12	240		100u	1.0u	1.0u	60	140 J	TO-220var
-	MJ4401	SemiconTech	5.0	400	12	60	6.0M	3.0m	700n	800n	100	175 J	TO-66
-	MJ4401	PPC Product	5.0	400	12	60	6.0M	3.0m	700n	800n	100	175 J	TO-66
90	2SC2613K	Hitachi Ltd	5.0	400	15			100u	1.0u	1.0u	40	140 J	TO-220AB
-	ST1430	SemiconTech	5.0	400	15			2.0M	150u		100	140 J	TO-3
-	ST1431	SemiconTech	5.0	400	15			2.0M	150m		100	140 J	TO-3
-	DTS430	See Index	5.0	400	15	45	2.5M	2.5m			125	140 J	TO-204AA
-	DTS431M	SemiconTech	5.0	400	15	35	2.5M	2.5m	800n	1.7u	125	140 J	TO-204AA
-	PTC430 (A)	Power Tech	5.0	400	15	45	2.5M	100n			125	135 J	TO-3
95	PTC430P (A)	Power Tech	5.0	400	15	45	2.5M	100n			125	135 J	TO-247
-	PTC431 (A)</												