

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) >= 20 A, (Cont'd)													
-	TC15-1000	MarconiElec	20	1.0k		8.0		200n		1.0u	175	175 J	TO-3
-	TC15U1000	MarconiElec	20	1.0k		8.0		200n		1.0u	270	175 J	TO-48
-	2SC2904	MitsubiElec	22	20	10	180		5.0m			200	175 J	N/A
-	SD1540-3	ThmsnCSFEFC	22	65				25			875	175 J	Macro-X
5	SD1540-8	ThmsnCSFEFC	22	65				25			875	175 J	RFMOD
-	SD1541-1	ThmsnCSFEFC	22	65				25			1.4k	175 J	RFMOD
-	PT8854	TRW Optron	24	16		200	50M	10m			203	140 J	N/A
-	PT8854A	TRW Optron	24	16	10	200	50M	10m			203	140 J	StX-8
-	PT8865	TRW Optron	24	16	10	200	88M	10m			200	140 J	StX-8
10	SGSF662 (A)	SGS-Ates	24	450	5			400u		0.5u	210	175 J	TO-3
-	SGSF663 (A)	SGS-Ates	24	450	5			400u		0.6u	210	175 J	TO-3
-	ESM752	ThmsnCSFEFC	24	600			5M	0.6m	0.8u	0.7u	150	140 J	Module-q
-	ESM952	ThmsnCSFEFC	24	600			5M	0.4m	0.8u	0.7u	214	175 J	TO-3
-	ESM752A	ThmsnCSFEFC	24	700			5M	0.6m	0.8u	0.7u	150	140 J	Module-q
15	ESM952A	ThmsnCSFEFC	24	700			5M	0.4m	0.8u	0.7u	214	175 J	TO-3
-	BDY57A	NthAmerSemi	25		20	60	30M	1.0m	.25u	2.0u	175	175 J	TO-204AA
-	BDY57A	GE Solid St	25		20	60	30M	1.0m	.25u	2.0u	175	175 J	TO-204AA
-	BDY58R	GE Solid St	25		20	60	48M	1.0m	3.0u	2.0u	175	175 J	TO-204AA
-	BDY58R	NthAmerSemi	25		20	60	48M	1.0m	3.0u	2.0u	175	175 J	TO-204AA
20	PT9847	TRW Optron	25	18	40	120	30M	10m			200	140 S	N/A
-	2SC3240	MitsubiElec	25	20	10	180		5.0m			270	175 J	SOT-121var
-	PT9785	TRW Optron	25	20	20	100	30M	20m			350	140 S	SOT-121var
-	CD4262	Acrian Inc	25	32	10		108M	50m			270		SOT-161var
-	SSP70	SldSt Indus	25	40	10	50					125		N/A
25	TIP35	See Index	25	40	15	75	3.0M	1.0m	1.2u	900n	125	140 J	TO-247
-	1763-0420	Sld St Dvcs	25	40	20		40M	20m			150	175 J	TO-3
-	1768-0420	Sld St Dvcs	25	40	20		40M	20m			200	175 J	TO-63
-	SDT79821	Solitron	25	40	40	120		10u	500n		8.0	175 J	TO-220AB
-	SDT79821	PPC Product	25	40	40	120		10u	500n		8.0	175 J	TO-220AB
30	BD249	See Index	25	45	20		3.0M	700u	300n		3.0	140 S	TO-247
-	2N1830	See Index	25	50	10			30m	20u	25u	250	175 J	SIF-1/2
-	2N2130	See Index	25	50	10			30	20u	25u	250	175 J	SIF-1/2
-	SSP70A	SldSt Indus	25	60	10	50					125		N/A
-	TIP35A	See Index	25	60	15	75	3.0M	1.0m	1.2u	900n	125	140 J	TO-247
35	BD249A	See Index	25	60	20		3.0M	700u	300n		3.0	140 S	TO-247
-	2N5885	See Index	25	60	20	100	4.0M	1.0m	700n	800n	200	175 J	TO-3
-	SDT79822	PPC Product	25	60	40	120		10u	500n		8.0	175 J	TO-220AB
-	SDT79822	Solitron	25	60	40	120		10u	500n		8.0	175 J	TO-220AB
-	SSP70B	SldSt Indus	25	80	10	50					125		N/A
40	2N2819	See Index	25	80	10	50					200	175 J	SIF-5/16
-	BD249B	See Index	25	80	10		3.0M	700u	300n		3.0	140 S	TO-247
-	TIP35B	See Index	25	80	15	75	3.0M	1.0m	1.2u	900n	125	140 J	TO-247
-	2N5886	See Index	25	80	20	100	4.0M	1.0m	700n	800n	200	175 J	TO-3
45	BUV39	ThmsnCSFEFC	25	90				1m	1.1u	.25u	120	175 J	TO-3
-	SSP70C	SldSt Indus	25	100	10	50					125		N/A
-	2N1831	Space Power	25	100	10			30m	20u	25u	250	175 J	SIF-1/2
-	2N1831	AmerMicroSC	25	100	10			30m	20u	25u	250	175 J	SIF-1/2
-	2N1831	Hi-Tron	25	100	10			30m	20u	25u	250	175 J	SIF-1/2
-	2N2131	See Index	25	100	10			30	20u	25u	250	175 J	SIF-1/2
50	2N2820	See Index	25	100	10	50					200	175 J	SIF-5/16
-	BD249C	NthAmerSemi	25	100	10		3.0M	700u	300n		3.0	140 S	TO-247
-	BD249C	Digitron	25	100	10		3.0M	700u	300n		3.0	140 S	TO-247
-	BD249C	TexinstLtd	25	100	10		3.0M	700u	300n		3.0	140 S	TO-247
-	TIP35C	See Index	25	100	15	75	3.0M	1.0m	1.2u	900n	125	140 J	TO-247
55	SDT6338	Solitron	25	100	30	120		10u	300n	250n	200	175 J	TO-3
-	2N6338	See Index	25	100	30	120	40M	10u	300n	250n	200	175 J	TO-3
-	SDT79824	PPC Product	25	100	40	120		10u	500n		8.0	175 J	TO-220AB
-	SDT79824	Solitron	25	100	40	120		10u	500n		8.0	175 J	TO-220AB
-	LOT1000	TRW Optron	25	110	10	70		20m			320	175 J	Macro-X
60	TIP35D	Texas Instr	25	120	8	50	3.0M	1.0m	1.2u	900n	125	140 J	TO-218AA
-	2SC1672	NEC Corp JA	25	120	20	100		10u	500n	2.0u	120	175 J	TO-3
-	SDT6339	Solitron	25	120	30	120		10u	250n		200	175 J	TO-3
-	2N6339	See Index	25	120	30	120	40M	10u	300n	250n	200	175 J	TO-3
65	BUV50	ThmsnCSFEFC	25	125				5m	0.6u	0.3u	150	175 J	TO-3
-	BUV50	Semelab	25	125				5m	0.6u	0.3u	150	175 J	TO-3
-	BUV50	NthAmerSemi	25	125				5m	0.6u	0.3u	150	175 J	TO-3
-	BUX10P	SGS-Ates	25	125	20	60		1.5m	1.5u	300n		135 J	TO-218
-	BDY58A	Semelab	25	125	20	60	7.0M				175		TO-3
-	BUX10	See Index	25	125	20	60	8.0M	5.0m	1.5u	200n	150	175 J	TO-3
70	BUX10A	NthAmerSemi	25	125	20	60	50M	5.0m	1.5u		150	175 J	TO-3
-	BUX10A	GE Solid St	25	125	20	60	50M	5.0m	1.5u		150	175 J	TO-3
-	TIP35E	Texas Instr	25	140	8	50	3.0M	1.0m	400n	700n	125	140 J	TO-218AA
-	BU999 (A)	NthAmerSemi	25	140	25	100		100u	300n	250n	200	135 J	TO-218
-	BU999 (A)	SGS-Ates	25	140	25	100		100u	300n	250n	200	135 J	TO-218
75	SDT6340	Solitron	25	140	30	120		10u	250n		200	175 J	TO-3
-	RCA6340	GE Solid St	25	140	30	120	40M	100u	0.3u	.25u	200	175 J	TO-204AA
-	2N6340	See Index	25	140	30	120	40M	10u	300n	250n	200	175 J	TO-3
-	2N1832	See Index	25	150	10			30m	20u	25u	250	175 J	SIF-1/2
-	2N2132	See Index	25	150	10			30	20u	25u	250	175 J	SIF-1/2
80	2N2821	See Index	25	150	10	50					200	175 J	SIF-5/16
-	SDT6341	Solitron	25	150	30	120		10u	300n	250n	200	175 J	TO-3
-	RCA6341	GE Solid St	25	150	30	120	40M	100u	0.3u	.25u	200	175 J	TO-204AA
-	2N6341	See Index	25	150	30	120	40M	10u	300n	250n	200	175 J	TO-3
85	PP7676	PPC Product	25	150	40	150	40M	1.0m			150	175 J	TO-63
-	TIP35F	Texas Instr	25	160	8		3.0M	1.0m	1.2u	900n	125	140 J	TO-218
-	2N6686	See Index	25	160	25	100	20M	50u	350n	250n	200	175 J	TO-204AA
-	2N6687	See Index	25	180	25	100	20M	50u	350n	250n	200	175 J	TO-204AA
-	2N1833	See Index	25	200	10			30m	20u	25u	250	175 J	SIF-1/2
-	2N2133	See Index	25	200	10			30	20u	25u	250	175 J	SIF-1/2
90	2N2822	See Index	25	200	10	50					200	175 J	SIF-5/16
-	GSRU20030	PPC Product	25	300	8.0		20M	100u	.50u	.20u	200	175 J	TO-204AA
-	GSRU20030	GeneralSemi	25	300	8.0		20M	100u	.50u	.20u	200	175 J	TO-204AA
-	IDD1313	Intl Device	25	350	6.0		6.0M		500n		200		TO-247var
95	GSRU20035	PPC Product	25	350	8.0		20M	100u	.50u	.20u	200	175 J	TO-204AA
-	GSRU20035	GeneralSemi	25	350	8.0		20M	100u	.50u	.20u	200	175 J	TO-204AA
-	2SD131												