

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)													
-	SML96303	Semelab	90	140			10M				175	140 J	TO-3
I(C) >= 50 A													
-	TC40U250	MarconiElec	40	250	8.0			0.1m		300n	230	175 J	TO-48
-	BUR20	SGS-Ates	50	20	60	60		3m	1.5u	0.3u	200	175 J	TO-3
-	BUR20	NthAmerSemi	50	20	60	60		3m	1.5u	0.3u	200	175 J	TO-3
5	BUR20	Semelab	50	20	60	60		3m	1.5u	0.3u	200	175 J	TO-3
-	2N5685	See Index	50	60	15	60	2.0M	2.0m			300	175 J	TO-3var
-	PT5501	Pwr Technlc	50	60	20	80	1.0M	2.0m	2.0u	0.7u	350	175 S	TO-63
-	SCA14028	Semicoa	50	80	10	40	30M	10u	300n	100n	200	175 J	TO-3
-	SCA14029	Semicoa	50	80	10	40	30M	10u	300n	100n	200	175 J	TO-63
10	2N5686	See Index	50	80	15	60	2.0M	2.0m			300	175 J	TO-3var
-	PT5502	Pwr Technlc	50	80	20	80	1.0M	2.0m	2.0u	0.7u	350	175 S	TO-63
-	BUV19	See Index	50	80	20	60	8.0M	3.0m	1.5u	400n	250	175 J	TO-3
-	2N6215	See Index	50	80	25	150	20M	200u	1.0u	250n	125	175 J	TO-63
-	SDT79823	PPC Product	50	80	40	120	20M				125		TO-228AB
-	SDT79823	Soltron	50	80	40	120	20M				125		TO-228AB
-	SCA14026	Semicoa	50	100	10	40	30M	10u	300n	100n	200	175 J	TO-3
-	SCA14027	Semicoa	50	100	10	40	30M	10u	300n	100n	200	175 J	TO-63
-	2N6060	See Index	50	100	25	120	10M	500u	1.5u	2.0u	150	175 J	TO-63
-	2N6062	See Index	50	100	25	120	10M	500u	1.5u	2.0u	150	175 J	TO-63
20	2N6274	See Index	50	100	30	120	30M	10u	350n	250n	250	175 J	TO-3
-	2N6278	See Index	50	100	30	120	30M	10u	350n	250n	250	175 J	TO-63
-	2N5926	See Index	50	120	10	40			6.0u	6.0u	200	175 J	TO-63
-	PT7507	Pwr Technlc	50	120	10	40	1.0M	2.0m	2.5u	2.5u	350	175 S	TO-63
-	SCA14024	Semicoa	50	120	10	40	30M	10u	300n	100n	200	175 J	TO-3
25	SCA14025	Semicoa	50	120	10	40	30M	10u	300n	100n	200	175 J	TO-63
-	2N6032	See Index	50	120	10	50	50M		1.0u	500n	80	175 J	TO-3
-	2N6275	See Index	50	120	30	120	30M	10u	350n	250n	250	175 J	TO-3
-	2N6279	See Index	50	120	30	120	30M	10u	350n	250n	250	175 J	TO-63
-	BUT90	Semelab	50	125				0.2m	1.2u	0.4u	250	175 J	TO-3var
-	BUT90	SidStElecII	50	125				0.2m	1.2u	0.4u	250	175 J	TO-3var
-	BUT90	ThmsnCSFEFC	50	125				0.2m	1.2u	0.4u	250	175 J	TO-3var
-	BUV60	ThmsnCSFEFC	50	125				1m	0.8u	.15u	250	175 J	TO-3var
-	BUV60	Semelab	50	125				1m	0.8u	.15u	250	175 J	TO-3var
-	BUV60	NthAmerSemi	50	125				1m	0.8u	.15u	250	175 J	TO-3var
35	BUW50 (A)	ThmsnCSFEFC	50	125				1.0m	1.0u	200u	150	175 J	TO-218AA
-	BUV20	See Index	50	125	20	60	8.0M	3.0m	1.5u	300n	250	175 J	TO-3
-	BUX20	See Index	50	125	20	60	8.0M	5.0m	1.5u	200n	250	175 J	TO-3
-	2N6276	See Index	50	140	30	120	30M	10u	350n	250n	250	175 J	TO-3
-	2N6280	See Index	50	140	30	120	30M	10u	350n	250n	250	175 J	TO-63
40	SML55405	Semelab	50	150			10M				500	140 J	TO-63
-	PT7508	Pwr Technlc	50	150	10	40	1.0M	2.0m	2.5u	2.5u	350	175 J	TO-63
-	PT7508	Sid St Dvcs	50	150	10	40	1.0M	2.0m	2.5u	2.5u	350	175 J	TO-63
-	SDT55405	Soltron	50	150	10	50	10M	100u	.55u	.50u	500	175 J	TO-63
45	SDT55405	PPC Product	50	150	10	50	10M	100u	.55u	.50u	500	175 J	TO-63
-	2SC1442	Sanken Elec	50	150	12		10M	1.0m			200	140 J	TO-3var
-	2N6277	See Index	50	150	30	120	30M	10u	350n	250n	250	175 J	TO-3
-	2N6281	See Index	50	150	30	120	30M	10u	350n	250n	250	175 J	TO-63
-	BT081	Gentron	50	160	10						150	125 J	Module-q
-	BT081R	Gentron	50	160	10						150	125 J	Module-q
50	BT081RS	Gentron	50	160	10						150	125 J	Module-q
-	BT081S	Gentron	50	160	10						150	125 J	Module-q
-	BT082	Gentron	50	160	10						150	125 J	Module-q
-	BT082R	Gentron	50	160	10						150	125 J	Module-q
55	BT082RS	Gentron	50	160	10						150	125 J	Module-q
-	BT082S	Gentron	50	160	10						150	125 J	Module-q
-	BT089	Gentron	50	160	10						150	125 J	Module-q
-	BT089R	Gentron	50	160	10						150	125 J	Module-q
-	BT089RS	Gentron	50	160	10						150	125 J	Module-q
-	BT089S	Gentron	50	160	10						150	125 J	Module-q
60	EFT081	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT081R	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT081RS	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT081S	Gentron	50	160	10						1.0k	125 J	Module-s
65	EFT082	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT082R	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT082RS	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT082S	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT083	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT083R	Gentron	50	160	10						1.0k	125 J	Module-s
70	EFT083RS	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT083S	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT089	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT089R	Gentron	50	160	10						1.0k	125 J	Module-s
-	EFT089RS	Gentron	50	160	10						1.0k	125 J	Module-s
75	EFT089S	Gentron	50	160	10						1.0k	125 J	Module-s
-	EST081	Gentron	50	160	10						500	125 J	Module-s
-	EST081R	Gentron	50	160	10						500	125 J	Module-s
-	EST081RS	Gentron	50	160	10						500	125 J	Module-s
-	EST081S	Gentron	50	160	10						500	125 J	Module-s
80	EST082	Gentron	50	160	10						500	125 J	Module-s
-	EST082R	Gentron	50	160	10						500	125 J	Module-s
-	EST082RS	Gentron	50	160	10						500	125 J	Module-s
-	EST082S	Gentron	50	160	10						500	125 J	Module-s
85	EST089	Gentron	50	160	10						500	125 J	Module-s
-	EST089R	Gentron	50	160	10						500	125 J	Module-s
-	EST089RS	Gentron	50	160	10						500	125 J	Module-s
-	EST089S	Gentron	50	160	10						500	125 J	Module-s
-	EUT081	Gentron	50	160	10						300	125 J	TO-240
-	EUT081R	Gentron	50	160	10						300	125 J	TO-240
90	EUT081RS	Gentron	50	160	10						300	125 J	TO-240
-	EUT081S	Gentron	50	160	10						300	125 J	TO-240
-	EUT082	Gentron	50	160	10						300	125 J	TO-240
-	EUT082R	Gentron	50	160	10						300	125 J	TO-240
-	EUT082RS	Gentron	50	160	10						300	125 J	TO-240