

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) >= 1 A, (Cont'd)													
-	BC140D	See Index	1.0	40	100	300	60M	1.0u			3.0	175 J	TO-5
-	SD1526-1	ThmsnCSFEFC	1.0	45				1.0m			21	175 J	Macro-X
-	2SC1098	Solid Stlnc	1.0	45	40	250	50M	100u			10	140	TO-202AA
-	BCX54-6	Siemens Akt	1.0	45	40	100	100M				1.0	140 J	SOT-89
5	2SC3736	NEC Corp JA	1.0	45	60	200	300M	500n	40n	110n	2.0	140 J	SOT-89
-	BD135-10	See Index	1.0	45	63	160	50M	100n			8.0	140 J	TO-126
-	BCX54-10	Siemens Akt	1.0	45	63	160	100M				1.0	140 J	SOT-89
-	40625	SemiconTech	1.0	45	100	300		250n			3.5	175 A	TO-5var
-	40625L	SemiconTech	1.0	45	100	300		250n			3.5	175 A	TO-5var
-	40625S	SemiconTech	1.0	45	100	300		250n			3.5	175 A	TO-5var
-	BCX54-16	Siemens Akt	1.0	45	100	250	100M				1.0	140 J	SOT-89
-	2N6266	Elm State	1.0	50				2.0m			14	175 S	Macro-X
-	2N6266	Space Power	1.0	50				2.0m			14	175 S	Macro-X
-	2N6390	Genrl Diode	1.0	50	20	120					8.3	175 S	FO-53var
15	2N6390	Space Power	1.0	50	20	120		2.0m			8.3	175 S	FO-53var
-	2SD147	RF Gain	1.0	50	20	150	1.4M	20u			20	175 J	TO-66var
-	2SD220F	Sanken Elec	1.0	50	40		8.0	1.0u			10	140 J	TO-37var
-	MM2193A	SemiconTech	1.0	50	40	120	50M	10n	70n	50n	1.0	175 J	TO-39
-	2N3945	See Index	1.0	50	40	150	60M				5.0	175 S	TO-5
-	2SC1212	Hitachi Ltd	1.0	50	60	200	160M				8.0		TO-126
-	2SD809	NEC Corp JA	1.0	50	135	600	85M	100n			10	140 J	TO-126
-	2N1508	See Index	1.0	55	20	60	50M	30u	130n	320n	1.0	175 J	TO-39
-	2N1679	See Index	1.0	55	40	120	50M	30u	130n	320n	1.0	175 J	TO-39
-	40628	NthAmerSemi	1.0	55	100	300		250n			3.5	175 A	TO-5var
25	40628L	SemiconTech	1.0	55	100	300		250n			3.5	175 A	TO-5var
-	40628S	SemiconTech	1.0	55	100	300		250n			3.5	175 A	TO-5var
-	KT934B	V/O Electro	1.0	60				10			15	140 J	N/A
-	KT934G	V/O Electro	1.0	60				15m			15	140 J	N/A
-	DTL1662	Diode Trans	1.0	60		80	2.5M				52		TO-66
-	SSP58A	SldSt Indus	1.0	60	15	75					30		N/A
30	TIP29A	See Index	1.0	60	15	75	3.0M	300u	500n	2.0u	2.0	140 J	TO-220AB
-	DTL1642	Diode Trans	1.0	60	20	60	2.5M				52		TO-66
-	2N4911	See Index	1.0	60	20	100	3.0M	100u			25	175 J	TO-66
-	T1486	SemiconTech	1.0	60	20	80	50M	3.0u	140n	2.6u	1.0	175 C	TO-5
35	T1487	SemiconTech	1.0	60	20	80	50M	3.0u	140n	2.6u	2.0	175 C	SiR-10
-	2N2196	See Index	1.0	60	30	90		75u			2.0	175 C	TO-37var
-	2N4922	See Index	1.0	60	30	150	3.0M	100u			30	140 J	TO-126var
-	KT646A	V/O Electro	1.0	60	40	200		10u	70n		1	140 J	TO-126var
-	DTL1652	Diode Trans	1.0	60	40	120	2.5M				52		TO-66
40	2N3766	See Index	1.0	60	40	160	10M	100u		100n	20	175 J	TO-66
-	BC141A	FerrantiLtd	1.0	60	40	100	50M	100n	250n	850n	3.7	175 S	TO-39
-	BSX46	See Index	1.0	60	40	250	50M	10n	200n	850n	5.0	175 J	TO-205AD
-	BSX46-6	See Index	1.0	60	40	100	50M	10n	15n	15n	5.0	175 J	TO-205AD
-	MH8106	Micro Elecs	1.0	60	40	240	50M				10		TO-220AB
-	M8106	Semi Inc	1.0	60	40	240	50M				10		TO-220AB
-	M8106	Advncd Semi	1.0	60	40	240	50M				10		TO-220AB
-	BCX55-6	Siemens Akt	1.0	60	40	100	100M				1.0	140 J	SOT-89
-	TN2017	Natl Semi	1.0	60	50	200		10u			2.0	140 J	TO-237
-	2N2017	See Index	1.0	60	50	200		10u			1.0	175 J	TO-5
50	BC141B	FerrantiLtd	1.0	60	63	160	50M	100n	250n	850n	3.7	175 S	TO-39
-	BSX46-10	See Index	1.0	60	63	160	50M	10n	15n	15n	5.0	175 J	TO-205AD
-	BCX55-10	Siemens Akt	1.0	60	63	160	100M				1.0	140 J	SOT-89
-	2N2197	See Index	1.0	60	75	200		75u			2.0	175 C	TO-37var
-	BD415	See Index	1.0	60	80	300	75M				2.0		TO-220AB
55	2N6551	See Index	1.0	60	80	300	75M	100n			2.0	140 S	TO-202AC
-	BC141C	FerrantiLtd	1.0	60	100	250	50M	100n	250n	850n	3.7	175 S	TO-39
-	BSX46-16	See Index	1.0	60	100	250	50M	10n	15n	15n	5.0	175 J	TO-205AD
-	BCX55-16	Siemens Akt	1.0	60	100	250	100M				1.0	140 J	SOT-89
-	2SD1615	NEC Corp JA	1.0	60	135	600	80M	100n			2.0	140 J	SOT-89
60	2SD1615	NECElecsInc	1.0	60	135	600	80M	100n			2.0	140 J	SOT-89
-	2SD1615A	NEC Corp JA	1.0	60	135	400	80M	100n			2.0	140 J	SOT-89
-	2SD1615A	NECElecsInc	1.0	60	135	400	80M	100n			2.0	140 J	SOT-89
-	BD320	Semelab	1.0	60	500		80M				5.0		TO-39
-	SD1527-8	ThmsnCSFEFC	1.0	65				1.0m			21	175 J	RFMOD
65	BFR22	See Index	1.0	65	35			2.0n			5.0	175 J	TO-39
-	40366	See Index	1.0	65	40	120		2.0n			1.0	175 J	TO-5
-	40366L	SemiconTech	1.0	65	40	120		2.0n			1.0	175 J	TO-5
-	40366S	SemiconTech	1.0	65	40	120		2.0n			1.0	175 J	TO-39
-	TN2102	Natl Semi	1.0	65	40	120	60M	10n			2.0	140 J	TO-237var
70	TN2102	Micro Elecs	1.0	65	40	120	60M	10n			2.0	140 J	TO-237var
-	2N2102	See Index	1.0	65	40	120	60M	2.0n			1.0	175 J	TO-39
-	2N2102A	See Index	1.0	65	40	120	60M	2.0n	30n		1.0	175 J	TO-5
-	DTL1633	Diode Trans	1.0	80		80	2.5M				105		TO-3
-	DTL1663	Diode Trans	1.0	80		80	2.5M				52		TO-66
75	2N2525	See Index	1.0	80	10			5.0u			16	175 C	SiR-1/4
-	SSP58B	SldSt Indus	1.0	80	15	75					30		N/A
-	TIP29B	See Index	1.0	80	15	75	3.0M	300u	500n	2.0u	2.0	140 J	TO-220AB
-	DTL1643	Diode Trans	1.0	80	20	60	2.5M				52		TO-66
-	2N4912	See Index	1.0	80	20	100	3.0M	100u		300n	25	175 J	TO-66
80	2N2594	See Index	1.0	80	20		40M	100n			1.0		TO-5
-	2N2987	See Index	1.0	80	25	75	30M	30n			1.0	175 C	TO-5
-	2N2991	See Index	1.0	80	25	75	30M	30n			2.0	175 C	SiR-10
-	2N4923	See Index	1.0	80	30	150	3.0M	100u			30	140 J	TO-126var
-	2N4000	See Index	1.0	80	30	120	40M	2.0u			1.0	175 J	TO-5
85	MM3020	SemiconTech	1.0	80	30	100	80M	10n	300n	2u	1.0	175 J	TO-39
-	MM3020	NthAmerSemi	1.0	80	30	100	80M	10n			1.0	175 J	TO-39
-	2SD221F	Sanken Elec	1.0	80	40		8.0	1.0u			10	140 J	TO-37var
-	BCX56-6	Siemens Akt	1.0	80	40	100	100				1.0	140 J	SOT-89
-	DTL1653	Diode Trans	1.0	80	40	120	2.5M				52		TO-66
90	2N3767	See Index	1.0	80	40	160	10M	100u			20	175 J	TO-66
-	BSX47	See Index	1.0	80	40	250	50M	10n	200n	850n	5.0	175 J	TO-205AD
-	BSX47-6	See Index	1.0	80	40	100	50M	10n	15n	15n	5.0	175 J	TO-205AD
-	MH8108	Micro Elecs	1.0	80	40	240	50M				10		TO-220AB
-	MM1893	SemiconTech	1.0	80	40	120	50M	10n			1.0	175 J	TO-39
95	M8108	Semi Inc	1.0	80	40	240	50M				10		TO-220AB
-	M8108	Advncd Semi	1.0	80	40	240	50M				10		TO-220AB
-	2N699	See Index	1.0	80	40	120	50M	2.0u			2.0	175 J	TO-205AD