

# POWER SILICON PNP

Item Number	Part Number	Manufacturer	I <sub>c</sub> Max (A)	V <sub>(BR)CEO</sub> (V)	h <sub>FE</sub>		f <sub>T</sub> (Hz)	I <sub>CBO</sub> Max (A)	t <sub>r</sub> Max (s)	t <sub>f</sub> Max (s)	P <sub>D</sub> Max (W)	T <sub>Oper</sub> Max (°C)	Package Style
					Min	Max							
<b>I(C) &gt;= 1 A, (Cont'd)</b>													
-	2SA1460	NEC Corp JA	1.0	45	60	200	300M	500n	40n	100n	1.0	140 J	SPAKvar
-	2SA1463	NEC Corp JA	1.0	45	60	200	300M	500n	40n	100n	2.0	140 J	SOT-89
-	BCX51-10	Siemens Akt	1.0	45	63	160	125M					140 J	SOT-89
-	BCX51-16	Siemens Akt	1.0	45	100	250	50M					140 J	SOT-89
5	ZTX550	FerrantiLtd	1.0	45	100	300	150M	100n			1.0	175	TO-92
-	D41D5	See Index	1.0	45	120	360	150M	100n	50n	40n	6.2	140 S	TO-202AC
-	TN3468	Natl Semi	1.0	50	25	75	150M	100n	30n		2.0	140 J	TO-237
-	TN5022	Natl Semi	1.0	50	25	100	170M	100n	30n		2.0	140 J	TO-237
-	TN3245	Natl Semi	1.0	50	30	90	150M	50n	40n		2.0	140 J	TO-237
-	2N3245	See Index	1.0	50	30	90	150M	50n	40n	45n	1.0	175 J	TO-5
-	2N5865	See Index	1.0	50	40	200	100M	200n	90n	150n	1.2	175 S	TO-39
-	2SA743	Elec Trans	1.0	50	60	200	120M	20u			8.0	140 J	TO-126
-	2SB1044M	Rohm Corp	1.0	50	82	390	100M				1.0		SIP
-	2SB1044M	Rohm Co Ltd	1.0	50	82	390	100M				1.0		SIP
-	2SB731	NEC Corp JA	1.0	50	135	600	75M	100n			1.0	140 J	TO-126
-	2SB734	NEC Corp JA	1.0	50	135	600	80M	100n			1.0	140 J	SPAKvar
-	2SB1115	NECElectInc	1.0	50	135	600	120M	100n			2.0	140 J	SOT-89
-	2SB1115	NEC Corp JA	1.0	50	135	600	120M	100n			2.0	140 J	SOT-89
-	BFX38	See Index	1.0	55	85		100M	50n	100n	50n	7.0	175 J	TO-205AD
20	2N3779	See Index	1.0	60	10	40	1.0M	500u	3000n		5.0	175 J	TO-5
-	BSP30	PhilipsElec	1.0	60	10		100M	100n			1.5	140 J	SOT-223
-	SSP60A	SlcSt Indus	1.0	60	15	75					30		N/A
-	BDT30A	PhilipsElec	1.0	60	15	75	3.0M	300m	.30u		30	140 J	TO-220AB
-	BDT30A	NthAmerSemi	1.0	60	15	75	3.0M	300m	.30u		30	140 J	TO-220AB
25	TIP30A	See Index	1.0	60	15	75	3.0M	300u	300n	1.0u	30	140 J	TO-220AB
-	2N4899	See Index	1.0	60	20	100	30k	100u		300n	25	175 J	TO-66
-	2N3775	See Index	1.0	60	20	60	1.0M	500u	3000n		5.0	175 J	TO-5
-	2SA547	Elec Trans	1.0	60	25	80M	3.0u				10	175 J	TO-37
-	TN4235	Natl Semi	1.0	60	30	150	3.0M	100u			2.0	140 J	TO-237
-	2N4235	See Index	1.0	60	30	150	3.0M	100u			1.0	175 J	TO-5
-	2N4919	See Index	1.0	60	30	150	3.0M	100u			30	175 J	TO-126var
-	2N3740	See Index	1.0	60	30	100	4.0M	100n		300n	25	175 J	TO-66
-	2N3740A	See Index	1.0	60	30	100	4.0M	100n			25	175 J	TO-66
-	BFS92	See Index	1.0	60	30	70M	50n		35n	65n	5.0	175 J	TO-39
-	BSP31	PhilipsElec	1.0	60	30	100M	100n				1.5	140 J	SOT-223
-	TN4030	Natl Semi	1.0	60	30	100M	50n				2.0	140 J	TO-237
-	2SB954	Matsushita	1.0	60	40	450	300u	1.2u			30	140 J	TO-220var
-	BD240A	See Index	1.0	60	40	40	3.0M	200u	200n	400n	2.0	140 J	TO-220AB
-	BCP52	PhilipsElec	1.0	60	40	250	50M	100n			1.5	140 J	SOT-223
-	BCX52	See Index	1.0	60	40	160	50M	100n			1.0	140 J	SOT-89
-	BC161	See Index	1.0	60	40	400	50M	100n	500n	650n	3.7	175 J	TO-205AD
-	BC161A	FerrantiLtd	1.0	60	40	100	50M	100n	500n	650n	3.7	175 J	TO-39
-	MM4005	See Index	1.0	60	40	90	50M	100n			7.0	175 J	TO-205AD
-	M0816	Semi Inc	1.0	60	40	240	50M				10		TO-220AB
45	M0816	Advncd Semi	1.0	60	40	240	50M				10		TO-220AB
-	BC303	See Index	1.0	60	40	240	75M	20n			6.0	175 J	TO-39
-	MM4030	SemiconTech	1.0	60	40	120	100M	50n	100n	240n	1.0	175 J	TO-39
-	ST4030	SemiconTech	1.0	60	40	120	100M	50n			1.0	175 J	TO-39
-	BCX52-6	Siemens Akt	1.0	60	40	100	125M					140 J	SOT-89
50	MM4032	SemiconTech	1.0	60	40	150M	50n	100n	240n		1.0	175 J	TO-39
-	ST4032	SemiconTech	1.0	60	40	150M	50n	240n			1.0	175 J	TO-39
-	BDW58	PhilipsElec	1.0	60	40	250	250M	100n	30n		8.0	175 J	TO-126var
-	D41D7	See Index	1.0	60	50	150	150M	100n	50n	40n	6.2	140 S	TO-202AC
-	ZTX551	FerrantiLtd	1.0	60	50	150	150M	100n			1.0	100 J	TO-92
55	BC161B	FerrantiLtd	1.0	60	63	160	50M	100n	500n	650n	3.7	175 J	TO-39
-	BSV16	See Index	1.0	60	63	250	50M	50n	500n	150n	7.0	175 J	TO-205AD
-	BSV16-6	See Index	1.0	60	63	50M	100n	500n	150n		1.0	175 J	TO-39
-	BCX52-10	Siemens Akt	1.0	60	63	160	125M					140 J	SOT-89
-	BFS93	See Index	1.0	60	70	70M	50n		35n	65n	5.0	175 J	TO-39
60	BD416	See Index	1.0	60	80	300	75M				2.0		TO-220AB
-	2N6554	See Index	1.0	60	80	300	75M	100n			2.0	140 S	TO-202AC
-	BC161C	FerrantiLtd	1.0	60	100	250	50M	100n	500n	650n	3.7	175 J	TO-39
-	BSV16-16	See Index	1.0	60	100	250	50M	50n	500n	150n	7.0	175 J	TO-205AD
-	BCX52-16	Siemens Akt	1.0	60	100	250	125M				1.0	140 J	SOT-89
-	D41D8	See Index	1.0	60	120	360	150M	100n	50n	40n	6.2	140 S	TO-202AC
-	2SB1115A	NEC Corp JA	1.0	60	135	600	120M	100n			2.0	140 J	SOT-89
-	2SB1115A	NECElectInc	1.0	60	135	600	120M	100n			2.0	140 J	SOT-89
-	BSV16-10	See Index	1.0	60	630	160	50M	50n	500n	150n	7.0	175 J	TO-205AD
-	2SB963Z	NEC Corp JA	1.0	60	2.0k	30k	10u	0.5u	1u		2.0	140 J	DPAK
70	2SB963Z	NECElectInc	1.0	60	2.0k	30k	10u	0.5u	1u		2.0	140 J	DPAK
-	MM4036	SemiconTech	1.0	65	20	200	60M	250n	75n	175n	1.0	175 J	TO-205AD
-	MM4036	NthAmerSemi	1.0	65	20	200	60M	250n	75n	175n	1.0	175 J	TO-205AD
-	MM4036	Motorola	1.0	65	20	200	60M	250n	75n	175n	1.0	175 J	TO-205AD
-	2N4036	See Index	1.0	65	20	200	60M	100u	70n	100n	7.0	175 J	TO-39
75	ST4036	SemiconTech	1.0	65	40	140	60M	250n		175n	1.0	175 J	TO-39
-	TN4036	Natl Semi	1.0	65	40	140	60M	20n			2.0	140 J	TO-237var
-	TN4036	Micro Elecs	1.0	65	40	140	60M	20n			2.0	140 J	TO-237var
-	ZT211	FerrantiLtd	1.0	65	40	120	60M	500n			5.0	175 A	TO-5
-	TN4314	Natl Semi	1.0	65	50	250	60M	250n			2.0	140 J	TO-237
80	TP4314	SprgueElec	1.0	65	50	250	60M	250n				140 J	TO-226
-	2N4314	See Index	1.0	65	50	250	200M	250n			1.0	175 S	TO-5
-	D41D10	See Index	1.0	75	50	150	150M	100n	50n	40n	6.2	140 J	TO-202AC
-	D41D13	Solid StInc	1.0	75	50	150	150M	100n	50n	40n	6.2	140 J	TO-202AC
-	D41D13	Natl Semi	1.0	75	50	150	150M	100n	50n	40n	6.2	140 J	TO-202AC
-	D41D13	Motorola	1.0	75	50	150	150M	100n	50n	40n	6.2	140 J	TO-202AC
-	BFX40	See Index	1.0	75	85	100M	50n	100n	50n	50n	7.0	175 J	TO-205AD
-	D41D11	See Index	1.0	75	120	360	150M	100n	50n	40n	6.2	140 J	TO-202AC
-	D41D14	See Index	1.0	75	120	360	150M	100n	50n	40n	6.2	140 J	TO-202AC
-	BSV17	See Index	1.0	80			50M	50n	15n	15n	7.0	175 J	TO-205AD
90	2N3780	See Index	1.0	80	10	40	1.0M	500u	3000n		5.0	175 J	TO-5
-	BSP32	PhilipsElec	1.0	80	10		100M	100n			1.5	140 J	SOT-223
-	SSP60B	SlcSt Indus	1.0	80	15	75					30		N/A
-	BDT30B	PhilipsElec	1.0	80	15	75	3.0M	300m	.30u		30	140 J	TO-220AB
-	BDT30B	NthAmerSemi	1.0	80	15	75	3.0M	300m	.30u				