

POWER SILICON TRANSISTORS

Item Number	Part Number	Manufacturer	Type	I _c Max (A)	V _{(BR)CEO} (V)	P _D Max (W)	h _{FE} Min	f _T (Hz)	I _{CSO} Max (A)	t _{ON} Max (s)	r _{(CE)sat} Max (Ohms)	T _{Oper} Max (°C)	Package Style
Devices 20 Watts or More, (Cont'd)													
-	BD171	See Index	NPN	500m	90	20	40	6 0M	100u		10	140 J	TO-126var
-	KT821V1	V/O Electro	NPN	500m	100	20	20		30u			125 J	N/A
-	DTL3512	Diode Trans	PNP	0.5	100	29	30	50M					TO-66
-	BD172	See Index	NPN	500m	120	20	40	6 0M	100u		10	140 J	TO-126var
5	MJE341	See Index	NPN	500m	150	20	25	15M	300u		20	140 J	TO-127var
-	2SA843	Elec Trans	PNP	500m	150	20	60		50u				TO-220
-	MJE341K	CrimsonSemi	NPN	500m	150	30	25	15M	300u				TO-127var
-	BD173	CentralSemi	NPN	500m	160	20	40	6 0M	100u		10	140 J	TO-126var
-	BD173	Motorola	NPN	500m	160	20	40	6 0M	100u		10	140 J	TO-126var
10	BD173	NthAmerSemi	NPN	500m	160	20	40	6 0M	100u		10	140 J	TO-126var
-	MJE344	See Index	NPN	500m	200	20	30	15M	100u				TO-127var
-	MJE344K	CrimsonSemi	NPN	500m	200	30	30	15M	100u				TO-127var
-	BD157	See Index	NPN	500m	250	20	30		100u				TO-126
-	2N5655	See Index	NPN	500m	250	20	30	10M	10u		10m	140 J	TO-126var
15	BD158	See Index	NPN	500m	300	20	30		100u				TO-126
-	MJE340 (A)	See Index	NPN	500m	300	20	30		100u				TO-127var
-	MJE350	See Index	PNP	500m	300	20	30		100u				TO-126var
-	TIP63	Motorola	NPN	500m	300	20	30	15M		300n	2.4	140 J	TO-220AB
-	TIP63	Texas Instr	NPN	500m	300	20	30	15M		300n	2.4	140 J	TO-220AB
20	2N5656	See Index	NPN	500m	300	20	30	10M	10u		10m	140 J	TO-126var
-	2SC1304	Elec Trans	NPN	500m	300	20	50				5.0	140 J	TO-66
-	SGS340	SGS-Ates	NPN	500m	300	21	30						TO-218
-	MJE340K	CrimsonSemi	NPN	500m	300	30	30		100u				TO-127var
-	BD159	See Index	NPN	500m	350	20	30		100u				TO-126
25	TIP64	Motorola	NPN	500m	350	20	30	15M		300n	2.4	140 J	TO-220AB
-	TIP64	Texas Instr	NPN	500m	350	20	30	15M		300n	2.4	140 J	TO-220AB
-	2N5657	See Index	NPN	500m	350	20	30	10M	10u		10m	140 J	TO-126var
-	SFT102	Sld St Dvcs	NPN	500m	350	25	70	25M	1.0u			175 S	TO-59
-	MJE2360	Advncd Semi	NPN	500m	350	30	25	10M	100u				TO-127var
30	MJE2360	CrimsonSemi	NPN	500m	350	30	25	10M	100u				TO-127var
-	MJE2360	Semi Inc	NPN	500m	350	30	25	10M	100u				TO-127var
-	MJE2360T	See Index	NPN	500m	350	30	25	10M	100u		15	140 J	TO-220AB
-	MJE2361	Advncd Semi	NPN	500m	350	30	50	10M	100u				TO-127var
-	MJE2361	CrimsonSemi	NPN	500m	350	30	50	10M	100u				TO-127var
35	MJE2361	Semi Inc	NPN	500m	350	30	50	10M	100u				TO-127var
-	MJE2361T	See Index	NPN	500m	350	30	50	10M	100u		15	140 J	TO-220AB
-	BUX86	See Index	NPN	500m	400	20	50	20M	100u	500n	6.0	135 J	TO-126
-	BUX87	See Index	NPN	500m	450	20	50	20M	100u		6.0	135 J	TO-126
-	2SC1004	Indust Mexi	NPN	500m	700	50	30	2.0M	10u		21	140 J	TO-3
40	2SC3184	Sanyo Elect	NPN	500m	800	30	10	15M	10u	1.0u		140 J	TO-220
-	2SC1004A	Indust Mexi	NPN	500m	800	50	30	2.0M	10u		21	140 J	TO-3
-	2N5768	CrimsonSemi	NPN	700m	25	20	20		10m			175 S	SIX-1/4
-	2N5768	Space Power	NPN	700m	25	20	20		10m			175 S	SIX-1/4
-	2N5483	CrimsonSemi	NPN	700m	30	20	20		6.0m			175 S	SIX-8
45	2N5483	Diode Trans	NPN	700m	30	20	20		6.0m			175 S	SIX-8
-	2N5483	Space Power	NPN	700m	30	20	20		6.0m			175 S	SIX-8
-	2SD859	Matsushita	NPN	700m	250	35	40		1.0m	2.2u		140 J	TO-220
-	2SD859A	Matsushita	NPN	700m	300	35	40		1.0m	2.2u		140 J	TO-220
-	2SD1249	Matsushita	NPN	750m	250	35	40		1.0m	2.0u		140 J	TO-220var
50	2SD1263	Matsushita	NPN	750m	250	35	40	50M	1.0m	2.0u		140 J	SOT-186
-	2SD1249A	Matsushita	NPN	750m	300	35	40		1.0m	2.0u		140 J	TO-220var
-	2SD1263A	Matsushita	NPN	750m	300	35	40		1.0m	2.0u		140 J	SOT-186
-	2SC3496	Matsushita	NPN	800m	800	20	5.0		100u	3.0u		140 J	SOT-186
-	2SC1034	Solid Silnc	NPN	1.0		25	4.0	5.0M	5.0m		6.7	140 J	TO-66var
-	A3-12	Acnan Inc	NPN	1.0	18	20		50M				175 J	SIX-8
-	2N6207	See Index	NPN	1.0	30	20			5.0m			175 S	SIX-1/4
-	2N6203	Acnan Inc	NPN	1.0	33	20			5.0m			175 S	SIX-8
-	2N6203	CrimsonSemi	NPN	1.0	33	20			5.0m			175 S	SIX-8
-	2N6203	Space Power	NPN	1.0	33	20			5.0m			175 S	SIX-8
60	2SD146	Solid Silnc	NPN	1.0	35	20	30	1.4M	20u		2.0	175 J	TO-66var
-	2N3733	See Index	NPN	1.0	40	23	10		500u			175 S	TO-60
-	2N4898	See Index	PNP	1.0	40	25	20	30k	100u			175 J	TO-66
-	2N4910	See Index	NPN	1.0	40	25	20	3.0M	100u			175 J	TO-66
-	BDT30	NthAmerSemi	PNP	1.0	40	30	15	3.0M	300m	30u		140 J	TO-220AB
65	BDT30	PhilipsElec	PNP	1.0	40	30	15	3.0M	300m	30u		140 J	TO-220AB
-	MJE30	CentralSemi	PNP	1.0	40	30	15	3.0M	300u	500n	700m	140 J	TO-126var
-	SSP58	SldSt Indus	NPN	1.0	40	30	15				700m		N/A
-	SSP60	SldSt Indus	PNP	1.0	40	30	15				700m		N/A
-	TIP30	See Index	PNP	1.0	40	30	15	3.0M	300u	300n		140 J	TO-220AB
70	2N4918	See Index	PNP	1.0	40	30	30	3.0M	100u			175 J	TO-126var
-	2N4921	See Index	NPN	1.0	40	30	30	3.0M	100u			140 J	TO-126var
-	2N5112	See Index	PNP	1.0	40	34	15	100M	75u		1.8	175 J	TO-59
-	DTL1661	Diode Trans	NPN	1.0	40	52	20	2.5M					TO-66
-	DTL1641	Diode Trans	NPN	1.0	40	52	20	2.5M					TO-66
75	DTL1651	Diode Trans	NPN	1.0	40	52	40	2.5M					TO-66
-	SD1526-1	ThmsnCSFEFC	NPN	1.0	45	21			1.0m			175 J	Macro-X
-	2SD147	RF Gain	NPN	1.0	50	20	20	1.4M	20u		2.0	175 J	TO-66var
-	2N3766	See Index	NPN	1.0	60	20	40	10M	100u		2.5	175 J	TO-66
-	2N4899	See Index	PNP	1.0	60	25	20	30k	100u			175 J	TO-66
80	2N4911	See Index	NPN	1.0	60	25	20	3.0M	100u			175 J	TO-66
-	2N3740	See Index	PNP	1.0	60	25	30	4.0M	100n		600m	175 J	TO-66
-	2N3740A	See Index	PNP	1.0	60	25	30	4.0M	100n		600m	175 J	TO-66
-	BDT30A	NthAmerSemi	PNP	1.0	60	30	15	3.0M	300m	30u		140 J	TO-220AB
85	BDT30A	PhilipsElec	PNP	1.0	60	30	15	3.0M	300m	30u		140 J	TO-220AB
-	SSP58A	SldSt Indus	NPN	1.0	60	30	15				700m		N/A
-	SSP60A	SldSt Indus	PNP	1.0	60	30	15				700m		N/A
-	TIP30A	See Index	PNP	1.0	60	30	15	3.0M	300u	300n		140 J	TO-220AB
-	2N4919	See Index	PNP	1.0	60	30	30	3.0M	100u			175 J	TO-126var
-	2N4922	See Index	NPN	1.0	60	30	30	3.0M	100u			140 J	TO-126var
90	2SB954	Matsushita	PNP	1.0	60	30	40		300u	1.2u		140 J	TO-220var
-	DTL1662	Diode Trans	NPN	1.0	60	52	20	2.5M					TO-66
-	DTL1642	Diode Trans	NPN	1.0	60	52	20	2.5M					TO-66
-	DTL1652	Diode Trans	NPN	1.0	60	52	40	2.5M					TO-66
95	SD1527-8	ThmsnCSFEFC	NPN	1.0	65	21			1.0m			175 J	RFMOD
-	2N3767	See Index	NPN	1.0	80	20	40	10M	100u		2.5	175 J	TO-66
-	2N4900	See Index	PNP	1.0	80	25	20	30k	100u			175 J	TO-66
-	2N4912	See Index	NPN	1.0	80	25	20	3.0M	100u			175 J	TO-66