

POWER SILICON TRANSISTORS

Item Number	Part Number	Manufacturer	Type	Ic 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)													
-	BDT56	NthAmerSemi	NPN	15	60	90			500u			140 J	TO-220AB
-	BDT56	PhilipsElec	NPN	15	60	90			500u			140 J	TO-220AB
-	BDT58	NthAmerSemi	NPN	15	60	90			500u			140 J	TO-220AB
-	BDT58	PhilipsElec	NPN	15	60	90			500u			140 J	TO-220AB
5	BD907	See Index	NPN	15	60	90	15	3 0M	500u		300m	140 J	TO-220AB
-	BD908	See Index	PNP	15	60	90	15	3 0M	500u		300m	140 J	TO-220AB
-	MJE1291	Motorola	PNP	15	60	90	20	3 0M	700u			140 J	TO-127var
-	MJE1291	NthAmerSemi	PNP	15	60	90	20	3 0M	700u			140 J	TO-127var
-	MJE1661	CrimsonSemi	NPN	15	60	90	20	3 0M	700u			140 J	TO-127var
-	MJE1661	Motorola	NPN	15	60	90	20	3 0M	700u			140 J	TO-127var
10	MJE1661	NthAmerSemi	NPN	15	60	90	20	3 0M	700u			140 J	TO-127var
-	SDT9802	PPC Product	NPN	15	60	90	20	5 0M	1 0u				TO-3
-	SDT9802	Slid St Dvcs	NPN	15	60	90	20	5 0M	1 0u				TO-3
-	SDT9802	Solitron	NPN	15	60	90	20	5 0M	1 0u				TO-3
15	SSP3055	SlidSt Indus	NPN	15	60	90	20				300m		N/A
-	2N5412	See Index	NPN	15	60	100	10	60M	1 0m	200n	100m	175 J	TO-61
-	BD130	See Index	NPN	15	60	100	20	1 1M	5 0m			175 J	TO-3
-	2N3055A	See Index	NPN	15	60	115	10	800k	5 0m	4 0u	333m	175 J	TO-3
-	BDX10C	SGS-Ates	NPN	15	60	115	20	800k	700u		250m	175 J	TO-3
20	BDY20	PhilipsElec	NPN	15	60	115	20	1 0M	5 0m	2 0u	275m	175 J	TO-3
-	BDY20	Semelab	NPN	15	60	115	20	1 0M	5 0m	2 0u	275m	175 J	TO-3
-	BDY20	Solitron	NPN	15	60	115	20	1 0M	5 0m	2 0u	275m	175 J	TO-3
-	BDY55	See Index	NPN	15	60	115	20	10M	700u	500n	250m	175 J	TO-3
25	MJ2955	See Index	PNP	15	60	115	20	2 5M	700u		300m	175 J	TO-3
-	MJ2955A	Digitron	PNP	15	60	115	20	2 2M	700u	4 0u	333m	175 J	TO-3
-	MJ2955A	Motorola	PNP	15	60	115	20	2 2M	700u	4 0u	333m	175 J	TO-3
-	MJ2955A	NthAmerSemi	PNP	15	60	115	20	2 2M	700u	4 0u	333m	175 J	TO-3
-	NKT4055	NthAmerSemi	PNP	15	60	115	20	800k				175 J	TO-3
-	SDT9902	PPC Product	NPN	15	60	115	20	5 0M	1 0u				TO-61
-	SDT9902	Solitron	NPN	15	60	115	20	5 0M	1 0u				TO-61
30	2N3055	See Index	NPN	15	60	115	20	800k	5 0m		275m	175 J	TO-3
-	2N3055E	IntlPwrSemi	NPN	15	60	115	20	2 5M	1 0m			175	TO-3
-	2N3055E	Semelab	NPN	15	60	115	20	2 5M	1 0m			175	TO-3
35	2N3055H	See Index	NPN	15	60	115	20	800k	700u		800m	175 J	TO-3
-	2SD341H	Hitachi Ltd	NPN	15	60	115	20	800k	700u		275m	175 J	TO-3
-	2SD878	Indust Mexi	NPN	15	60	115	20	3 0M	100u			175 J	TO-3
-	BDY39	See Index	NPN	15	60	115	25	1 1M	1 0m			175 J	TO-3
-	BDX10	See Index	NPN	15	60	117	5	800k				175 J	TO-3
40	BDT81	AmperexElec	NPN	15	60	117	15	1 0M	1 0m			140 J	TO-220AB
-	BDT81	NthAmerSemi	NPN	15	60	117	15	1 0M	1 0m			140 J	TO-220AB
-	BDT81	PhilipsElec	NPN	15	60	117	15	1 0M	1 0m			140 J	TO-220AB
-	SDT9206	Slid St Dvcs	NPN	15	60	117	15	800k	700u			175 J	TO-3
-	BDX18	See Index	PNP	15	60	117	20	800k	5 0m			175 J	TO-3
45	BDX18N	NthAmerSemi	PNP	15	60	117	20	4 0M			275m	175 J	TO-3
-	BDX18N	ThmsnCSFEFC	PNP	15	60	117	20	4 0M			275m	175 J	TO-3
-	BD182	See Index	NPN	15	60	117	20	20k	5 0m			175 J	TO-3
-	2N3055S	Space Power	NPN	15	60	117	20	800k	700u			175 J	TO-3
-	BDY73	IntlPwrSemi	NPN	15	60	117	50	800k	5 0m			175 J	TO-3
-	BDY73	NthAmerSemi	NPN	15	60	117	50	800k	5 0m			175 J	TO-3
50	BDY73	Semelab	NPN	15	60	117	50	800k	5 0m			175 J	TO-3
-	1561-0604	Powerex Inc	NPN	15	60	120	20	800k	2 0m		250m	175 C	TO-3
-	2SD151	NEC Corp JA	NPN	15	60	120	20		1 0m		100m	140 J	TO-3
-	2SD151	Solid Sitrn	NPN	15	60	120	20		1 0m		100m	140 J	TO-3
55	BDT82	AmperexElec	PNP	15	60	125	15	20M	1 0m			175 J	TO-220AB
-	BDT82	NthAmerSemi	PNP	15	60	125	15	20M	1 0m			175 J	TO-220AB
-	BDT82	PhilipsElec	PNP	15	60	125	15	20M	1 0m			175 J	TO-220AB
-	BDW51A	CentralSemi	NPN	15	60	125	20	3 0M	500u		300m	175 J	TO-3
-	BDW51A	Semelab	NPN	15	60	125	20	3 0M	500u		300m	175 J	TO-3
-	BDW51A	SGS-Ates	NPN	15	60	125	20	3 0M	500u		300m	175 J	TO-3
60	BDW52A	CentralSemi	PNP	15	60	125	20	3 0M	500u		300m	175 J	TO-3
-	BDW52A	Semelab	PNP	15	60	125	20	3 0M	500u		300m	175 J	TO-3
-	BDW52A	SGS-Ates	PNP	15	60	125	20	3 0M	500u		300m	175 J	TO-3
-	DTS103	SemiconTech	NPN	15	60	125	20	4 0M	250u	550n	180m	140 J	TO-3
65	STS103	SilconTran	NPN	15	60	125	20	4 0M	250u	550n	180m	140 J	TO-3
-	STS104	SemiconTech	NPN	15	60	125	50	4 0M	250u	550n	150m	140 J	TO-3
-	STS104	SilconTran	NPN	15	60	125	50	4 0M	250u	550n	150m	175 J	TO-3
-	2N5879	See Index	PNP	15	60	160	20	4 0M	500u	700n	142m	175 J	TO-3
-	2N5881	See Index	NPN	15	60	160	20	4 0M	500u	700n	142m	175 J	TO-3
-	PTC140	Mallory	NPN	15	65	115	90	1 0M	500u				TO-3
70	SD1407-8	ThmsnCSFEFC	NPN	15	65	270	10	80M				175 J	SOT-119
-	2N6471	See Index	NPN	15	70	71	20	5 0M	1 0m		233m	175 J	TO-3
-	KT818V	V/O Electro	PNP	15	70	100	15	3 0M	1 0m		400m	125 J	TO-220AB
-	KT819V	V/O Electro	NPN	15	70	100	15	3 0M	1 0m		400m	125 J	TO-220AB
75	2SA1042	Fujitsu Ltd	PNP	15	70	100	35	60M	50u	100n	214m	175 J	TO-3
-	2SC2432	Fujitsu Ltd	NPN	15	70	100	35	80M	50u	200n	214m	175 J	TO-3
-	2N6246	See Index	PNP	15	70	125	20	1 0M	1 0m		167m	175 J	TO-3
-	BDX60	IntlPwrSemi	NPN	15	70	150	20	800k	5 0m		266m	175 J	TO-3
-	BDX60	NthAmerSemi	NPN	15	70	150	20	800k	5 0m		266m	175 J	TO-3
-	BDX60	SGS-Ates	NPN	15	70	150	20	800k	5 0m		266m	175 J	TO-3
80	2N6488	See Index	NPN	15	80	30	20	5 0M	1 0m		233m	140 J	TO-220AB
-	2N6491	See Index	PNP	15	80	30	20	5 0M	1 0m		233m	140 J	TO-220AB
-	PBD160	Punjab Wire	NPN	15	80	50	15		2 0m	2 0u			TO-3
-	D45VH10	See Index	PNP	15	80	75	35	50M	10u			140 J	TO-220AB
85	SK3620	GE Solid St	NPN	15	80	75	100						TO-220
-	TIP73B	Texas Instr	NPN	15	80	80	20	5 0M	50u	350n	260m	140 S	TO-220AB
-	TIP74B	Texas Instr	PNP	15	80	80	20	5 0M	50u	120n	260m	140 S	TO-220AB
-	SM2174	Semelab	NPN	15	80	80	1k	20M					TO-220
-	SM2184	Semelab	PNP	15	80	80	1k	20M					TO-220
-	D44VH10	See Index	NPN	15	80	83	20	50M	10u	300n		140 J	TO-220AB
90	MJE5230	Motorola	PNP	15	80	83	35		10u	250n			TO-220AB
-	MJE5231	Motorola	PNP	15	80	83	35		10u	250n			TO-220AB
-	2N5971	See Index	NPN	15	80	85	15	4 0M		600n		175 J	TO-3
-	2N5970	See Index	NPN	15	80	85	20	4 0M		600n		175 J	TO-3
95	BD545B	NthAmerSemi	NPN	15	80	85	25	3 0M	400u		300m	140 J	TO-218
-	BD545B	TexinstLtd	NPN	15	80	85	25	3 0M	400u		300m	140 J	TO-218
-	BD546B	NthAmerSemi	PNP	15	80	85	25	3 0M	400u		300m	140 J	TO-218
-	BD546B	TexinstLtd	PNP	15	80	85							