

# POWER SILICON TRANSISTORS

Item Number	Part Number	Manufacturer	Type	I <sub>C</sub> Max (A)	V <sub>(BR)CEO</sub> (V)	P <sub>D</sub> Max (W)	h <sub>FE</sub> Min	f <sub>T</sub> (Hz)	I <sub>CBO</sub> Max (A)	t <sub>ON</sub> Max (s)	r <sub>(CE)sat</sub> Max (Ohms)	T <sub>Oper</sub> Max (°C)	Package Style
<b>Devices 20 Watts or More, (Cont'd)</b>													
-	SDT3208	Sid St Dvcs	NPN	10	100	87	30	30M	10u	300n		175 J	TO-61
-	SDT3208	Solitron	NPN	10	100	87	30	30M	10u	300n		175 J	TO-61
-	SDT7140	PPC Product	NPN	10	100	87	40	50M	100n				TO-61
-	SDT7140	Sid St Dvcs	NPN	10	100	87	40	50M	100n				TO-61
5	SDT7140	Solitron	NPN	10	100	87	40	50M	100n				TO-61
-	BDT95	AmperexElec	NPN	10	100	90	5 0	4 0M	100u	300n	300m	140 J	TO-220AB
-	BDT95	NthAmerSemi	NPN	10	100	90	5 0	4 0M	100u	300n	300m	140 J	TO-220AB
-	BDT95	PhilipsElec	NPN	10	100	90	5 0	4 0M	100u	300n	300m	140 J	TO-220AB
-	BDT96	AmperexElec	PNP	10	100	90	5 0	4 0M	100u	300n	300m	140 J	TO-220AB
10	BDT96	NthAmerSemi	PNP	10	100	90	5 0	4 0M	100u	300n	300m	140 J	TO-220AB
-	BDT96	PhilipsElec	PNP	10	100	90	5 0	4 0M	100u	300n	300m	140 J	TO-220AB
-	BDV95	See Index	NPN	10	100	90	5 0	4 0M	100u	300n	300m	140 J	TO-218
-	BDV96	See Index	PNP	10	100	90	5 0	4 0M	100u	300n	300m	140 J	TO-218
-	BDW21C	See Index	NPN	10	100	90	15	3 0M	100u		250m	175 J	TO-3
-	BDW22C	CentralSemi	PNP	10	100	90	15	3 0M	100u	3 0u	250m	175 J	TO-3
-	BDW22C	Semelab	PNP	10	100	90	15	3 0M	100u	3 0u	250m	175 J	TO-3
-	BDW22C	SGS-Ates	PNP	10	100	90	15	3 0M	100u	3 0u	250m	175 J	TO-3
-	BDT95F	PhilipsElec	NPN	10	100	90	20	4 0M					SOT-186
-	BDT96F	PhilipsElec	PNP	10	100	90	20	4 0M					SOT-186
20	BDS12	Semelab	NPN	10	100	90	40	3 0M	500u			140 J	TO-220
-	BDS15	Semelab	PNP	10	100	90	40	3 0M	500u			140 J	TO-220
-	BLY17	NthAmerSemi	NPN	10	100	100	5 0	70M	10m			175 J	TO-36
-	2SC407	Shindengen	NPN	10	100	100	10	400k	50m	1 0u	200m	140 J	TO-3
-	2N5048	See Index	NPN	10	100	100	15	10M	1 0m	600n	200m	175 J	TO-61
25	2SC1869	NEC Corp JA	NPN	10	100	100	15	100u	1 0u	100m	140 J	140 J	TO-3
-	2SD214	Solid Stinc	NPN	10	100	100	15	8 0M	30u	1 2u	500m	140 S	TO-3
-	2SC408	Shindengen	NPN	10	100	100	20	400k	50m	1000n	200m	140 J	TO-3
-	2N5288	See Index	NPN	10	100	100	30	30M	1 0m			175 J	SIR-1/4
-	2N5290	See Index	PNP	10	100	100	30	30M	1 0m			175 J	SIR-1/4
30	2N5627	See Index	PNP	10	100	100	30	30M	1 0m			175 J	TO-3
-	2N5628	See Index	NPN	10	100	100	30	30M	1 0m			175 J	TO-3
-	2SA959	NEC Corp JA	PNP	10	100	100	30	100u	1 0u			140 J	TO-3
-	2N5289	See Index	NPN	10	100	100	70	40M	1 0m			175 J	SIR-1/4
-	2N5291	See Index	PNP	10	100	100	70	40M	1 0m			175 J	SIR-1/4
35	2N1900	See Index	NPN	10	100	125	8 0	50M	25m		150m	140 J	TO-81
-	2N5072	CrimsonSemi	NPN	10	100	125	15	40M	10m		100m	140 S	TO-81var
-	2N5072	Sid St Dvcs	NPN	10	100	125	15	40M	10m		100m	140 S	TO-81var
-	2N5072	Space Power	NPN	10	100	125	15	40M	10m		100m	140 S	TO-81var
40	SDT7734	PPC Product	NPN	10	100	125	20	5 0M	1 0u	400n	100m	175 J	TO-3
-	SDT7734	Sid St Dvcs	NPN	10	100	125	20	5 0M	1 0u	400n	100m	175 J	TO-3
-	SDT7734	Solitron	NPN	10	100	125	20	5 0M	1 0u	400n	100m	175 J	TO-3
-	2N3076	See Index	NPN	10	100	125	30	50M		500n	100m	140 J	TO-81
-	2N5632	See Index	NPN	10	100	150	25	1 0M	1 0m			175 J	TO-3
45	2N6229	See Index	PNP	10	100	150	25	1 0m	1 0m			175 J	TO-3
-	2N2227	See Index	NPN	10	100	150	100	7 0k	20m		380m	140 C	TO-81
-	2N3471	See Index	NPN	10	100	150	100	7 0k	20m		390m	140 C	SIR-5/16
-	2N2231	See Index	NPN	10	100	150	350	4 0k	20m		380m	140 C	TO-81
-	2N3475	See Index	NPN	10	100	150	350	4 0k	20m		390m	140 C	SIR-5/16
50	DTL8751	Diode Trans	NPN	10	100	175	15	20M					TO-63
-	DTL8755	Diode Trans	NPN	10	100	175	30	20M					TO-63
-	2N1810	See Index	NPN	10	100	250	10		30m	20u	150m	175 J	SIF-1/2
-	2N2110	See Index	NPN	10	100	250	10		30	20u	150m	175 J	SIR-1/2
-	S2N5542-4	Solitron	NPN	10	110	50							TO-61
-	S2N5542-5	Solitron	NPN	10	110	50							TO-61
55	2SC1343	Solid Stinc	NPN	10	110	100	30		1 0m		300m	140 J	TO-3
-	2SC1343H	Hitachi Ltd	NPN	10	110	100	30	15M	1 0m		300m	140 J	TO-3
-	2SD469	NEC Corp JA	NPN	10	110	100	40		100u	1 0u		140 J	TO-3
-	2SD339	Solid Stinc	NPN	10	110	100	50	3 0M	100u			125 J	TO-3
-	2SD8670	Indust Mexi	NPN	10	110	100	50	3 0M		1 2u			TO-3
60	2SD867Y	Indust Mexi	NPN	10	110	100	100	3 0M		1 2u			TO-3
-	2N6248	See Index	PNP	10	110	125	20	10M	1 0m		350m	175 J	TO-3
-	2SC2681	NEC Corp JA	NPN	10	115	100	60	80M	50u			140 J	TO-247var
-	2SD386	Sanyo Elect	NPN	10	120	25		8 0M	1 0m			140 S	TO-220AB
-	2SD386	Solid Stinc	NPN	10	120	25		8 0M	1 0m			140 S	TO-220AB
65	2SD387	Sanyo Elect	NPN	10	120	25		8 0M	1 0m			140 S	TO-220AB
-	1714-1202	Sid St Dvcs	NPN	10	120	25	20	40M		300n	300m	175 J	TO-66
-	1714-1205	Sid St Dvcs	NPN	10	120	25	20	40M		400n	150m	175 J	TO-66
-	SML3129	Semelab	PNP	10	120	30		0 2M					TO-61
-	1718-1202	Sid St Dvcs	NPN	10	120	33	20	40M	200u	300n	250m	175 J	TO-111
70	1718-1205	Sid St Dvcs	NPN	10	120	33	20	40M	200u	400n	120m	175 J	TO-111
-	SML7A04	Semelab	NPN	10	120	40		40M					TO-66
-	SML7A10	Semelab	NPN	10	120	40		20M					TO-66
-	SML85604	Semelab	NPN	10	120	40		40M				140 J	TO-66
-	SML85609	Semelab	NPN	10	120	40		40M				140 J	TO-66
75	BUR12	NthAmerSemi	NPN	10	120	40	80		1 0u	200n		175 J	TO-59
-	BUR12	Semelab	NPN	10	120	40	80		1 0u	200n		175 J	TO-59
-	BUR12	SGS-Ates	NPN	10	120	40	80		1 0u	200n		175 J	TO-59
-	SML3109	Semelab	PNP	10	120	50		30M				175 J	TO-61
-	SML7150	Semelab	NPN	10	120	50		50M					TO-61
80	SML7154	Semelab	NPN	10	120	50		50M					TO-61
-	KT808AM	V/O Electro	NPN	10	120	50	10					140 J	TO-3
-	1716-1202	Sid St Dvcs	NPN	10	120	50	20	40M	200u	300n	250m	175 J	TO-61
-	1716-1205	Sid St Dvcs	NPN	10	120	50	20	40M	200u	400n	120m	175 J	TO-61
85	2SB955K	Hitachi Ltd	PNP	10	120	50	1k		100u	0 8u		140 J	TO-220
-	SDT3129	See Index	PNP	10	120	52	20	40M	10u				TO-111
-	SDT3229	PPC Product	NPN	10	120	52	20	40M	10u				TO-111
-	SDT3229	Sid St Dvcs	NPN	10	120	52	20	40M	10u				TO-111
-	SDT3229	Solitron	NPN	10	120	52	20	40M	10u				TO-111
-	SDT7B08	PPC Product	NPN	10	120	52	20	60M	1 0u		120m		TO-111
90	SDT7B08	Sid St Dvcs	NPN	10	120	52	20	60M	1 0u		120m		TO-111
-	SDT7B08	Solitron	NPN	10	120	52	20	60M	1 0u		120m		TO-111
-	SDT7B04	PPC Product	NPN	10	120	52	40	60M	1 0u		120m		TO-111
-	SDT7B04	Sid St Dvcs	NPN	10	120	52	40	60M	1 0u		120m		TO-111
-	SDT7B04	Solitron	NPN	10	120	52	40	60M	1 0u		120m		TO-111
95	2SA1077	Fujitsu Ltd	PNP	10	120	60	60	60M	50u	150n	360m	175 J	TO-220AB
-	2SC2527	Fujitsu Ltd	NPN	10	120	60	60	80M	50u	150n	360m	140 J	TO-220AB
-	BUW86</												