

# 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)	I <sub>ON</sub> Max (s)	r <sub>(CE)sat</sub> Max (Ohms)	T <sub>Oper</sub> Max (°C)	Package Style
<b>D vices 20 Watts or More, (Cont'd)</b>													
-	BD607	Solid Stnc	NPN	10	60	90	30	1.5M	1.0m		275m	140 J	TO-127var
-	BD608	Motorola	PNP	10	60	90	30	1.5M	1.0m		275m	140 J	TO-127var
-	BD608	Solid Stnc	PNP	10	60	90	30	1.5M	1.0m		275m	140 J	TO-127var
-	BDS10	Semelab	NPN	10	60	90	40	3.0M	500u			140 J	TO-220
5	BDS13	Semelab	PNP	10	60	90	40	3.0M	500u			140 J	TO-220
-	2SD369	Indust Mexi	NPN	10	60	100	30	2.0M	1.0m	3.0u		140 J	TO-3
-	2SD3690	Indust Mexi	NPN	10	60	100	50	2.0M		5.0u			TO-3
-	2N5621	See Index	PNP	10	60	100	70	40M	1.0m			175 J	TO-3
-	2N5622	See Index	NPN	10	60	100	70	40M	1.0m			175 J	TO-3
10	2SD369Y	Indust Mexi	NPN	10	60	100	100	2.0M		5.0u			TO-3
-	BDY17	NthAmerSemi	NPN	10	60	115	10	1.0M	5.0m			175 J	TO-3
-	SDT7608	PPC Product	NPN	10	60	117	20	60M	500n		100m	140	TO-3
-	SDT7608	Sid St Dvcs	NPN	10	60	117	20	60M	500n		100m	140	TO-3
-	SDT7608	Solitron	NPN	10	60	117	20	60M	500n		100m	140	TO-3
15	SDT85307	PPC Product	NPN	10	60	117	20	40M	5.0u			175 J	TO-3
-	SDT85307	Solitron	NPN	10	60	117	20	40M	5.0u			175 J	TO-3
-	SDT7602	See Index	NPN	10	60	117	40	60M	500n		100m	175 J	TO-3
-	SDT85302	PPC Product	NPN	10	60	117	40	40M	5.0u			175 J	TO-3
-	SDT85302	Solitron	NPN	10	60	117	40	40M	5.0u			175 J	TO-3
20	SDT7618	Solitron	NPN	10	60	120	15	15M			140m		TO-3
-	SDT7732	PPC Product	NPN	10	60	125	20	5.0M	1.0u	400n	100m	175 J	TO-3
-	SDT7732	Sid St Dvcs	NPN	10	60	125	20	5.0M	1.0u	400n	100m	175 J	TO-3
-	SDT7732	Solitron	NPN	10	60	125	20	5.0M	1.0u	400n	100m	175 J	TO-3
-	MJ2840	CrimsonSemi	NPN	10	60	150	20	2.0M	100u			175 J	TO-3
25	MJ2840	NthAmerSemi	NPN	10	60	150	20	2.0M	100u			175 J	TO-3
-	MJ2840	SiliconTran	NPN	10	60	150	20	2.0M	100u			175 J	TO-3
-	MJ2940	CrimsonSemi	PNP	10	60	150	20	4.0M	100u			175 J	TO-3
-	MJ2940	NthAmerSemi	PNP	10	60	150	20	4.0M	100u			175 J	TO-3
-	MJ2940	SiliconTran	PNP	10	60	150	20	4.0M	100u			175 J	TO-3
30	2N4908	See Index	PNP	10	60	150	20	4.0M	2.0m		200m	175 J	TO-3
-	2N5875	See Index	PNP	10	60	150	20	4.0M	500u	700n	200m	175 J	TO-3
-	2N5877	See Index	NPN	10	60	150	20	4.0M	500u	700n	200m	175 J	TO-3
-	BD311	See Index	NPN	10	60	150	25	4.9M	1.0m		200m	175 J	TO-3
-	BD312	See Index	PNP	10	60	150	25	4.0M	1.0m		200m	175 J	TO-3
35	2N3713	See Index	NPN	10	60	150	25	30k	1.0m	450n		175 J	TO-3
-	2N3789	See Index	PNP	10	60	150	25	30k	5.0m		250m	175 J	TO-3
-	2N3791	See Index	PNP	10	60	150	25	30k	5.0m		200m	175 J	TO-3
-	PTC116	Mallory	NPN	10	60	150	50	2.0M	1.5m				TO-3
40	2N3715	See Index	NPN	10	60	150	50	30k	1.0m	450n		175 J	TO-3
-	DTL8070	Diode Trans	NPN	10	60	175		30M					TO-63
-	DTL8012	Diode Trans	NPN	10	60	175	20	30M					TO-63
-	DTL8002	Diode Trans	NPN	10	60	175	40	20M					TO-63
-	DTL8015	Diode Trans	NPN	10	60	175	40	30M					TO-63
45	RCA1C07	GE Solid St	NPN	10	65	75	20	5.0M	1.0m		250m	140 J	TO-220AB
-	RCA1C08	GE Solid St	PNP	10	65	75	20	5.0M	1.0m		250m	140 J	TO-220AB
-	RCA1C09	GE Solid St	NPN	10	65	75	20	800k	1.0m		250m	140 J	TO-220AB
-	2N4130	See Index	NPN	10	65	120	10	1.2M	20u			175 J	TO-3
-	2N2016	See Index	NPN	10	65	150	15	12k	2.0m		250m	175 C	TO-36
50	SD1536-1	ThmsnCSFEFC	NPN	10	65	292			10u			175 J	Macro-X
-	SD1536-8	ThmsnCSFEFC	NPN	10	65	292			10u			175 J	RFMOD
-	KT808GM	V/O Electro	NPN	10	70	50	10					140 J	TO-3
-	2N6100	See Index	NPN	10	70	75	20		2.0m		250m	140 J	TO-220AB
-	2N6101	See Index	NPN	10	70	75	20		2.0m		250m	140 J	TO-220AB
-	SK3534	GE Solid St	NPN	10	70	75	55	2.0M					TO-220
55	BDY18	NthAmerSemi	NPN	10	70	115	10	1.0M	5.0m			175 J	TO-3
-	S50-28	Acrian inc	NPN	10	70	160						175 J	SOT 123var
-	S50-28	Bharat	NPN	10	70	160						175 J	SOT 123var
-	DTL7531	Diode Trans	NPN	10	75	140	20	20M					TO-3
60	SML3802	Semelab	PNP	10	80	20		10M					TO-66
-	SML3804	Semelab	PNP	10	80	20		10M					TO-66
-	SML3806	Semelab	PNP	10	80	20		10M					TO-66
-	SML3826	Semelab	PNP	10	80	20		10M					TO-3
-	1714-0802	Sid St Dvcs	NPN	10	80	25	20	40M		300n	300m	175 J	TO-66
65	1714-0805	Sid St Dvcs	NPN	10	80	25	20	40M		400n	150m	175 J	TO-66
-	SML3127	Semelab	PNP	10	80	30		0.2M					TO-61
-	2N5658	See Index	NPN	10	80	30	50	30M	200n	150n		175 J	TO-59
-	2N5659	See Index	NPN	10	80	30	50	30M	200n	150n		175 J	TO-111
-	1718-0802	Sid St Dvcs	NPN	10	80	33	20	40M	200u	300n	250m	175 J	TO-111
-	1718-0805	Sid St Dvcs	NPN	10	80	33	20	40M	200u	400n	120m	175 J	TO-111
70	SDT3806	PPC Product	PNP	10	80	35	20	10M	100u				TO-66
-	SDT3806	Sid St Dvcs	PNP	10	80	35	20	10M	100u				TO-66
-	SDT3806	Solitron	PNP	10	80	35	20	10M	100u				TO-66
-	SDT3802	PPC Product	PNP	10	80	35	25	10M	1.0m				TO-66
75	SDT3802	Sid St Dvcs	PNP	10	80	35	25	10M	1.0m				TO-66
-	SDT3802	Solitron	PNP	10	80	35	25	10M	1.0m				TO-66
-	2N5085	See Index	NPN	10	80	35	40	50M	1.0m	300n		175 J	TO-59
-	SDT3804	PPC Product	PNP	10	80	35	50	10M	1.0m				TO-66
-	SDT3804	Sid St Dvcs	PNP	10	80	35	50	10M	1.0m				TO-66
-	SDT3804	Solitron	PNP	10	80	35	50	10M	1.0m				TO-66
80	SML7743	Semelab	NPN	10	80	36		5.0M				140 J	TO-66
-	SML7A03	Semelab	NPN	10	80	40		40M					TO-66
-	SML7A09	Semelab	NPN	10	80	40		20M					TO-66
-	SML85603	Semelab	NPN	10	80	40		40M				140 J	TO-66
-	SML85608	Semelab	NPN	10	80	40		40M				140 J	TO-39
85	SML4015	Semelab	NPN	10	80	40	20	4.0M					TO-59
-	SML4016	Semelab	NPN	10	80	40	20	4.0M					TO-59
-	BDY91	See Index	NPN	10	80	40	30	70M	3.0m	350n	150m	175 J	TO-3
-	2N5730	See Index	NPN	10	80	45	30	30M	1.0m	200n	240m	175 J	TO-59
-	SML3107	Semelab	PNP	10	80	50		30M				175 J	TO-61
90	SML7013	Semelab	NPN	10	80	50		15M				175 J	TO-61
-	BUY12	NthAmerSemi	NPN	10	80	50	10	11M	200u	500n		140 J	TO-41
-	BUY12	Semelab	NPN	10	80	50	10	11M	200u	500n		140 J	TO-41
-	KT808VM	V/O Electro	NPN	10	80	50	10		60m			140 J	TO-3
95	D44H10	See Index	NPN	10	80	50	20	50M	10u	300n	125m	140 J	TO-220
-	1716-0802	Sid St Dvcs	NPN	10	80	50	20	40M	200u	300n	250m	175 J	TO-61
-	1716-0805	Sid St Dvcs	NPN	10	80	50	20	40M	200u	400n	120m	175 J	TO-61
-	2N4301	See Index	NPN	10	80	50	30	40M	10u			175 J	TO-61