

# 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>													
-	IDA1263	Intl Device	PNP	60	80	60	55	30M					TO-247S
-	IDC3180	Intl Device	NPN	60	80	60	55	30M					TO-247S
-	2SA1263	ToshibaCorp	PNP	60	80	60	55	30M	5 0u			140 J	TO-247S
-	2SC3180	ToshibaCorp	NPN	60	80	60	55	30M	5 0u			140 J	TO-247S
5	BDT41B	NthAmerSemi	NPN	60	80	65	15	3 0M	700m	60u		140 J	TO-220AB
-	BDT41B	PhilipsElec	NPN	60	80	65	15	3 0M	700m	60u		140 J	TO-220AB
-	BDT42B	NthAmerSemi	PNP	60	80	65	15	3 0M	700m	40u		140 J	TO-220AB
-	BDT42B	PhilipsElec	PNP	60	80	65	15	3 0M	700m	40u		140 J	TO-220AB
-	BD244B	See Index	PNP	60	80	65	15	3 0M	400u	200n	250m	140 J	TO-220AB
-	SSP82B	SidSt Indus	NPN	60	80	65	15				333m		N/A
10	SSP84B	SidSt Indus	PNP	60	80	65	15				333m		N/A
-	BD243B	See Index	NPN	60	80	65	30	3 0M	400u	300n	250m	140 J	TO-220AB
-	2SD334	Elec Trans	NPN	60	80	75	40	25k	1 0m			140 J	TO-3
-	SPC151-08	Solid Power	NPN	60	80	100	11		10m		866m	140 J	TO-82
-	151-08	Powerex Inc	NPN	60	80	100	11	500k	10m	7 0u	866m	140 J	TO-81
-	SPC152-08	Solid Power	NPN	60	80	100	18		10m		833m	140 J	TO-82
-	152-08	See Index	NPN	60	80	100	18	500k	10m	7 0u	833m	140 J	TO-81
-	151-08SPC	Solid Power	NPN	60	80	100	22		10m	7 0u	870m	140 J	TO-81
-	152-08SPC	Solid Power	NPN	60	80	100	37		10m	7 0u	830m	140 J	TO-81
20	2N5954	See Index	PNP	60	85	40	20	5 0M	1 0m		333m	175 J	TO-66
-	2SB633	Digitron	PNP	60	85	40	40	15M	100u		2 0	140	TO-220AB
-	2SB633	President	PNP	60	85	40	40	15M	100u		2 0	140	TO-220AB
-	2SB633	Sanyo Elect	PNP	60	85	40	40	15M	100u		2 0	140	TO-220AB
-	2SD613	Digitron	NPN	60	85	40	40	15M	100u		2 0	140	TO-220AB
25	2SD613	President	NPN	60	85	40	40	15M	100u		2 0	140	TO-220AB
-	2SD613	Sanyo Elect	NPN	60	85	40	40	15M	100u		2 0	140	TO-220AB
-	2SB633P	Sanyo Elect	PNP	60	85	50	40	15M	100u		2 0	140	TO-220AB
-	2SD613P	Sanyo Elect	NPN	60	85	50	40	15M	100u		2 0	140	N/A
-	2SD84	Sanken Elec	NPN	60	85	50	40	1 5M	30u	1200n	500m	140 J	TO-3
-	2SB775	Sanyo Elect	PNP	60	85	60	60	18M	0 1m			140	TO-218var
30	2SD895	Sanyo Elect	NPN	60	85	60	60	15M	0 1m			140	TO-218var
-	2N6372	See Index	NPN	60	90	22	20	4 0M	1 0m			175 J	TO-66
-	2SD823	Sanyo Elect	NPN	60	90	40	20	15M	100u			140	TO-220AB
-	2SC1667	Elec Trans	NPN	60	90	50	40	10M	1 0m		500m	140 J	TO-3
35	BDY24	See Index	NPN	60	90	85	15	10M	1 0m	500n	300m	175 J	TO-3
-	181T2A	PPC Product	NPN	60	90	85	15	10M	1 0m			175 J	TO-3
-	181T2B	PPC Product	NPN	60	90	85	30	10M	1 0m			175 J	TO-3
-	181T2C	PPC Product	NPN	60	90	85	75	10M	1 0m			175 J	TO-3
-	151-09	Powerex Inc	NPN	60	90	100	11	500k	10m	7 0u	866m	140 J	TO-81
40	152-09	Powerex Inc	NPN	60	90	100	18	500k	10m	7 0u	833m	140 J	TO-81
-	MJD41C	See Index	NPN	60	100	20	15	3 0M	50u	600n		140 J	DPAK
-	MJD41C1	Motorola	NPN	60	100	20	15	3 0M	50u	600n		140 J	TO-221
-	MJD42C	Motorola	PNP	60	100	20	15	3 0M	50u		250m	140 J	DPAK
-	MJD42C1	Motorola	PNP	60	100	20	15	3 0M	50u		250m	140 J	TO-221
45	2SD1594	NEC Corp JA	NPN	60	100	30	800	110M	10u			140 J	SOT-186
-	2SC1113	Sanken Elec	NPN	60	100	40	30	10M	10u		300m	140 J	TO-66
-	2SA808A	Sanken Elec	PNP	60	100	50	20	10M	1 0m		500m	140 J	TO-3
-	2SC1619A	Sanken Elec	NPN	60	100	50	20	10M	1 0m		500m	140 J	TO-3
-	2SD203	Sanken Elec	NPN	60	100	50	20	8 0M	30u	1 2u	500m	140 S	TO-3
50	2SC1112	Sanken Elec	NPN	60	100	50	30	10M	1 0m	1 2u	500m	140 J	TO-3
-	2SD371R	Indust Mexi	NPN	60	100	50	40	5 0M					TO-3
-	2SD371O	Indust Mexi	NPN	60	100	50	70	8 0M					TO-3
-	2SB531Y	ToshibaCorp	PNP	60	100	50	120	8 0M	100u			140 J	TO-3
-	2SD371Y	Indust Mexi	NPN	60	100	50	120	8 0M					TO-3
55	2SA1102	Sanken Elec	PNP	60	100	60	30	20M	100u			140 J	TO-218var
-	2SC2569-09	CollmerFuji	NPN	60	100	60	40		100u			150 J	TO-66
-	2SB686	ToshibaCorp	PNP	60	100	60	55	10M	10u			175 J	TO-218var
-	2SD716	ToshibaCorp	NPN	60	100	60	55	10M	10u			175 J	TO-218var
-	2SD983	CollmerFuji	NPN	60	100	60	700		1 0m			150 J	TO-220AB
60	BDT41C	NthAmerSemi	NPN	60	100	65	15	3 0M	700m	60u		140 J	TO-220AB
-	BDT41C	PhilipsElec	NPN	60	100	65	15	3 0M	700m	60u		140 J	TO-220AB
-	BDT42C	NthAmerSemi	PNP	60	100	65	15	3 0M	700m	40u		140 J	TO-220AB
-	BDT42C	PhilipsElec	PNP	60	100	65	15	3 0M	700m	40u		140 J	TO-220AB
-	BD244C	See Index	PNP	60	100	65	15	3 0M	400u	200n	250m	140 J	TO-220AB
65	SSP82C	SidSt Indus	NPN	60	100	65	15				333m		N/A
-	SSP84C	SidSt Indus	PNP	60	100	65	15				333m		N/A
-	BD243C	See Index	NPN	60	100	65	30	3 0M	400u	300n	250m	140 J	TO-220AB
-	2SB617	NECElecsInc	PNP	60	100	70	40	7 0M	50u		500m	140 J	SIP-Flange
-	2SD587	NECElecsInc	NPN	60	100	70	40	10M	50u		500m	140 J	SIP-Flange
70	2N1488	See Index	NPN	60	100	75	15	1 0M	25u		2 0	175 C	TO-3var
-	2N1490	See Index	NPN	60	100	75	25	1 0M	25u		670m	175 C	TO-3var
-	SPC151-10	Solid Power	NPN	60	100	100	11		10m		866m	140 J	TO-82
-	151-10	Powerex Inc	NPN	60	100	100	11	500k	10m	7 0u	866m	140 J	TO-81
-	SPC152 10	Solid Power	NPN	60	100	100	18		10m		833m	140 J	TO-82
75	152-10	Powerex Inc	NPN	60	100	100	18	500k	10m	7 0u	833m	140 J	TO-81
-	152-10	Syntar Ind	NPN	60	100	100	18	500k	10m	7 0u	833m	140 J	TO-81
-	151-10SPC	Solid Power	NPN	60	100	100	22		10m	7 0u	870m	140 J	TO-81
-	LT011	Gentron	NPN	60	100	100	25					125 J	Module-q
-	LT011R	Gentron	NPN	60	100	100	25					125 J	Module-q
-	LT011RS	Gentron	NPN	60	100	100	25					125 J	Module-q
80	LT011S	Gentron	NPN	60	100	100	25					125 J	Module-q
-	LT012	Gentron	NPN	60	100	100	25					125 J	Module-q
-	LT012R	Gentron	NPN	60	100	100	25					125 J	Module-q
-	LT012RS	Gentron	NPN	60	100	100	25					125 J	Module-q
85	LT012S	Gentron	NPN	60	100	100	25					125 J	Module-q
-	LT019	Gentron	NPN	60	100	100	25					125 J	Module-q
-	LT019R	Gentron	NPN	60	100	100	25					125 J	Module-q
-	LT019RS	Gentron	NPN	60	100	100	25					125 J	Module-q
-	LT019S	Gentron	NPN	60	100	100	25					125 J	Module-q
90	152-10SPC	Solid Power	NPN	60	100	100	37		10m	7 0u	830m	140 J	TO-81
-	BT019RS	Gentron	NPN	60	100	150	2.5						Module-q
-	BT019S	Gentron	NPN	60	100	150	2.5						Module-q
-	BT011	Gentron	NPN	60	100	150	25						Module-q
-	BT011R	Gentron	NPN	60	100	150	25						Module-q
95	BT011RS	Gentron	NPN	60	100	150	25						Module-q
-	BT011S	Gentron	NPN	60	100	150	25						Module-q
-	BT012	Gentron	NPN	60	100	150	25						Module-q