

# 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>CSO</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>D vices 20 Watts or More, (Cont'd)</b>													
-	KT817A	V/O Electro	NPN	30	40	20	20	30M	100u		333m	125 J	TO-126var
-	2SD91	Sanken Elec	NPN	30	40	20	20						TO-3
-	2SD91	Space Power	NPN	30	40	20	20						TO-3
-	IDB1023	Intl Device	PNP	30	40	20	20k			250n			TO-220var
5	IDD1413	Intl Device	NPN	30	40	20	20k			20n			TO-220var
-	2SB1003	ToshibaCorp	PNP	30	40	20	20k		20u	300n		140 J	TO-220var
-	2SD1369	ToshibaCorp	NPN	30	40	20	20k		20u	100n		140 J	TO-220var
-	BDY34	NthAmerSemi	NPN	30	40	21	30	80M	100u	500n		140 J	TO-126
-	2N3632	See Index	NPN	30	40	23	10	400M	500u		10	175 C	TO-60
10	40307	CrimsonSemi	NPN	30	40	23	10		250n			175 J	TO-60
-	40307	NthAmerSemi	NPN	30	40	23	10		250n			175 J	TO-60
-	40307	Sid St Dvcs	NPN	30	40	23	10		250n			175 J	TO-60
-	2N5689	See Index	NPN	30	40	25	15		10m			175 S	TO-117
-	MJ3701	CrimsonSemi	PNP	30	40	25	20	30M	10m		800m	175 J	TO-66
-	MJ3701	NthAmerSemi	PNP	30	40	25	20	30M	10m		800m	175 J	TO-66
-	ZT1483A	Semelab	NPN	30	40	25	20					175 C	TO-8
-	2N1483	See Index	NPN	30	40	25	20	12M	15u		26	175 C	TO-8
-	2N2304	See Index	NPN	30	40	25	20		100u		30	175 A	TO-8
-	ZT1485	Semelab	NPN	30	40	25	35	12M	15u		26	175 C	TO-8
20	2N1485	See Index	NPN	30	40	25	35	12M	15u		10	175 C	TO-8
-	IDB435	Intl Device	PNP	30	40	25	40	10M					TO-220AB
-	IDD235	Intl Device	NPN	30	40	25	40	30M				140 J	TO-220AB
-	2SA490	See Index	PNP	30	40	25	40	40M	20u				TO-220
-	2SA490R	Indust Mexi	PNP	30	40	25	40	10M					TO-220
25	2SB435G-R	Indust Mexi	PNP	30	40	25	40	30M					TO-220
-	2SC790	See Index	NPN	30	40	25	40	50M	20u			140 J	TO-220
-	2SC790R	Indust Mexi	NPN	30	40	25	40	10M					TO-220
-	2SD235G	ToshibaCorp	NPN	30	40	25	40		100u		10	140 J	TO-220AB
-	2SD235G-R	Indust Mexi	NPN	30	40	25	40	30M					TO-220
30	2SA490O	Indust Mexi	PNP	30	40	25	70	10M					TO-220
-	2SB435G-O	Indust Mexi	PNP	30	40	25	70	30M					TO-220
-	2SC790O	Indust Mexi	NPN	30	40	25	70	10M					TO-220
-	2SD235G-O	Indust Mexi	NPN	30	40	25	70	30M					TO-220
-	2SA490Y	Indust Mexi	PNP	30	40	25	120	10M					TO-220
35	2SB435G-Y	Indust Mexi	PNP	30	40	25	120	30M					TO-220
-	2SD235G-Y	Indust Mexi	NPN	30	40	25	120	30M					TO-220
-	IDB677	Intl Device	PNP	30	40	25	20k			250n			TO-220AB
-	IDD687	Intl Device	NPN	30	40	25	20k			200n			TO-220AB
-	2N6260	See Index	NPN	30	40	29	20		30k	10m		175 J	TO-66
40	BDT29	NthAmerSemi	NPN	30	40	30	15	30M	300m	30u		140 J	TO-220AB
-	BDT29	PhilipsElec	NPN	30	40	30	15	30M	300m	30u		140 J	TO-220AB
-	R4918	Semi Inc	PNP	30	40	30	20	30M					TO-220AB
-	R4921	Semi Inc	NPN	30	40	30	20	30M					TO-220AB
-	2N4231	See Index	NPN	30	40	35	25	40M	50u			175 J	TO-66
45	SSP62	SidSt Indus	NPN	30	40	40	10				400m		N/A
-	SSP64	SidSt Indus	PNP	30	40	40	10				400m		N/A
-	2N3199	See Index	PNP	30	40	40	20	10M	75u		300m	175 C	STR-10
-	MJE31	CentralSemi	NPN	30	40	40	25	30M	300u	500n	400m	140 J	TO-126var
-	MJE31	Motorola	NPN	30	40	40	25	30M	300u	500n	400m	140 J	TO-126var
50	MJE32	CentralSemi	PNP	30	40	40	25	30M	300u	500n	400m	140 J	TO-126var
-	MJE32	Motorola	PNP	30	40	40	25	30M	300u	500n	400m	140 J	TO-126var
-	2N1768	See Index	NPN	30	40	40	35	600k	15u		10	175 A	TO-57
-	MJE2370	CrimsonSemi	PNP	30	40	40	40	30M	200u			140 J	TO-127var
-	MJE2520	CrimsonSemi	NPN	30	40	40	40	30M	200u			140 J	TO-127var
55	2SC790Y	Indust Mexi	NPN	30	40	40	120	10M					TO-220
-	MJE2490	CrimsonSemi	PNP	30	40	60	20	30M	200u			140 J	TO-127var
-	2N3171	See Index	PNP	30	40	75	12	10M	10m		750m	175 C	TO-3
-	2N2101	See Index	NPN	30	40	75	15		30u		50	175 J	STR-1/4
-	2N4231A	See Index	NPN	30	40	75	25	40M	50u			175 J	TO-66
60	2N3163	See Index	PNP	30	40	85	12	10M	10m		750m	175 C	TO-3
-	2N3167	See Index	PNP	30	40	85	12	10M	10m		750m	175 C	TO-53
-	2N3022	See Index	PNP	30	45	25	20	60M	200u	100n	500m	175 C	TO-3
-	2N3025	See Index	PNP	30	45	25	50	60M	200u	100n	330m	175 C	TO-3
65	BD175	See Index	NPN	30	45	30	15	30M	100u		800m	140 J	TO-126var
-	BD176	See Index	PNP	30	45	30	15	30M	100u		800m	140 J	TO-126var
-	BD933	NthAmerSemi	NPN	30	45	30	40	30M	100u	300n	600m	140 J	TO-220AB
-	BD933	PhilipsElec	NPN	30	45	30	40	30M	100u	300n	600m	140 J	TO-220AB
-	BD933	Semelab	NPN	30	45	30	40	30M	100u	300n	600m	140 J	TO-220AB
-	BD934	NthAmerSemi	PNP	30	45	30	40	30M	100u	300n	600m	140 J	TO-220AB
70	BD934	PhilipsElec	PNP	30	45	30	40	30M	100u	300n	600m	140 J	TO-220AB
-	BD934	Semelab	PNP	30	45	30	40	30M	100u	300n	600m	140 J	TO-220AB
-	BDT31	NthAmerSemi	NPN	30	45	40	10		300m	30u		140 J	TO-220AB
-	BDT31	PhilipsElec	NPN	30	45	40	10		300m	30u		140 J	TO-220AB
-	BDT32	NthAmerSemi	PNP	30	45	40	10		300m	30u		140 J	TO-220AB
75	BDT32	PhilipsElec	PNP	30	45	40	10		300m	30u		140 J	TO-220AB
-	BD575	Motorola	NPN	30	45	40	40	30M	100u		600m	140 J	TO-127var
-	BD576	Motorola	PNP	30	45	40	40	30M	100u		600m	140 J	TO-127var
-	2SD255	Solid Silnc	NPN	30	50	20	30		10m			175 J	TO-66
80	KT816B	V/O Electro	PNP	30	50	20	35	30M	100u		333m	125 J	TO-126var
-	KT817B	V/O Electro	NPN	30	50	20	35	30M	100u		333m	125 J	TO-126var
-	2SC3786	Sanyo Elect	NPN	30	50	20	10k	180M	10u			140 J	TO-126
-	2SB503A	ToshibaCorp	PNP	30	50	25	30	10M	10u	15u		140 J	TO-66
-	2SB503A-R	Indust Mexi	PNP	30	50	25	30	50M		10u			TO-66
85	2SD130	Indust Mexi	NPN	30	50	25	30	10M	10m		500m	140 J	TO-66
-	2SD130	Solid Silnc	NPN	30	50	25	30	10M	10m		500m	140 J	TO-66
-	2SD130R	Indust Mexi	NPN	30	50	25	30	10M					TO-66
-	2SA670	See Index	PNP	30	50	25	35	15M	100u			140 J	TO-220
-	2SA671	See Index	PNP	30	50	25	35	15M	100u			140 J	TO-220
-	2SC1060	See Index	NPN	30	50	25	35	80M	100u		500m	140 J	TO-220
90	2SC1061	See Index	NPN	30	50	25	35	80M	100u		500m	140 J	TO-220
-	2SC830	Solid Silnc	NPN	30	50	25	35	20M					TO-66
-	IDB434	Intl Device	PNP	30	50	25	40	10M					TO-220AB
-	IDD234	Intl Device	NPN	30	50	25	40	30M					TO-220AB
95	2SB434	Advncd Semi	PNP	30	50	25	40	30M	10u		10	140 J	TO-220
-	2SB434	Indust Mexi	PNP	30	50	25	40	30M	10u		10	140 J	TO-220
-	2SB434	Semi Inc	PNP	30	50	25	40	30M	10u		10	140 J	TO-220
-	2SB434G-R	Indust Mexi	PNP	30	50	25	40	30M					TO-220