

POWER SILICON TRANSISTORS

Item Number	Part Number	Manufacturer	Type	I _C Max (A)	V _{(BR)CEO} (V)	P _D Max (W)	h _{FE} Min	f _T (Hz)	I _{CBO} Max (A)	t _{ON} Max (s)	r _{(CE)sat} Max (Ohms)	T _{Oper} Max (°C)	Package Style
Devices 20 Watts or More, (Cont'd)													
-	2N5239	See Index	NPN	5 0	225	100	20	2 0M	4 0m		1 1	175 J	TO-3
-	SK3268	GE Solid St	NPN	5 0	225	100	30	12M					TO-3
-	SK3268	SemiconTech	NPN	5 0	225	100	30	12M					TO-3
-	UPT523	Unitrode	NPN	5 0	250	25	25	30M	10u	200n	333m	175 J	TO-66
5	2N3584	See Index	NPN	5 0	250	35	8 0	10M	1 0m	3 0u		175 C	TO-66
-	SDT4903	See Index	NPN	5 0	250	35	20	30M	1 0u				TO-66
-	2SC901A	Elec Trans	NPN	5 0	250	50	14		15m	300n	320m	140 J	TO-3
-	2SC901A	Solid StInc	NPN	5 0	250	50	14		15m	300n	320m	140 J	TO-3
-	2SC558	Elec Trans	NPN	5 0	250	50	20	20M	1 0m	200n	400m	140 J	TO-3
10	2SC558	Solid StInc	NPN	5 0	250	50	20	20M	1 0m	200n	400m	140 J	TO-3
-	BU122	NthAmerSemi	NPN	5 0	250	50	25	10M			930m	75 C	TO-3
-	SDT4943	Slid St Dvcs	NPN	5 0	250	53	20	60M			400m		TO-111
-	BDY42	Comset Semi	NPN	5 0	250	60	20	12M	200u	2 0u	300m	175 J	TO-3
-	BDY42	NthAmerSemi	NPN	5 0	250	60	20	12M	200u	2 0u	300m	175 J	TO-3
15	BDY42	Semelab	NPN	5 0	250	60	20	12M	200u	2 0u	300m	175 J	TO-3
-	MJE51T	President	NPN	5 0	250	80	5 0		1 0m	500n	400m	140 J	TO-220AB
-	MJE51T	SemiconTech	NPN	5 0	250	80	5 0		1 0m	500n	400m	140 J	TO-220AB
-	2N6497	See Index	NPN	5 0	250	80	10	5 0M	1 0m	1 0u	1 0	140 J	TO-220AB
-	BUX16A	GE Solid St	NPN	5 0	250	100	15		2 0m			175 C	TO-3
20	BUX16A	NthAmerSemi	NPN	5 0	250	100	15		2 0m			175 C	TO-3
-	MJ1800	See Index	NPN	5 0	250	100	40		200u			140 J	TO-3
-	BUY30	Semelab	NPN	5 0	250	125	15	20M	0 1m	0 5u			TO 204AA
-	MJ3029	See Index	NPN	5 0	250	125	25		1 0m			140 J	TO-3
-	2N3433	See Index	NPN	5 0	250	150	10	20k	2 0m	4000n	200m	175 C	STR-1/4
25	SML40303	Semelab	NPN	5 0	250	220	20	25M			150m	175 J	TO-3
-	SDT40303	PPC Product	NPN	5 0	250	220	20	25M	10u	350n	150m	175 J	TO-3
-	SDT40303	Soltron	NPN	5 0	250	220	20	25M	10u	350n	150m	175 J	TO-3
-	SDT4904	See Index	NPN	5 0	275	35	20	30M	1 0u				TO-66
-	2N6234	See Index	NPN	5 0	275	50	25	20M	100u	500n	5 0	175 J	TO-66
30	SDT4944	Slid St Dvcs	NPN	5 0	275	53	20	60M			400m		TO-111
-	SDT1012	Soltron	NPN	5 0	275	100	15	5 0M	10m		330m	175 J	TO-3
-	BUT21F (A)	PhilipsElec	NPN	5 0	300	20	10		1 0m			140 J	SOT-186
-	UPT524	Unitrode	NPN	5 0	300	25	25	30M	10u	200n	333m	175 J	TO-66
-	UPT525	Unitrode	NPN	5 0	300	25	25	30M	10u	200n	333m	175 J	TO-66
35	2N3585	See Index	NPN	5 0	300	35	8 0	10M	1 0m	3 0u		175 C	TO-66
-	2N4240	See Index	NPN	5 0	300	35	10	15M	2 0m	500n	1 3	175 J	TO-66
-	SDT4905	See Index	NPN	5 0	300	35	20	30M	1 0u				TO-66
-	2SD1162M	NEC Corp JA	NPN	5 0	300	40	400		10u	1u		140 J	TO-220var
-	2SD1162L	NEC Corp JA	NPN	5 0	300	40	600		10u	1u		140 J	TO 220var
40	2SD1162K	NEC Corp JA	NPN	5 0	300	40	1k		10u	1u		140 J	TO 220var
-	PEC7306	President	NPN	5 0	300	50	8 0	4 0M		1 0u			TO-220
-	SDT4945	Slid St Dvcs	NPN	5 0	300	53	20	60M			400m		TO-111
-	BDY43	Comset Semi	NPN	5 0	300	60	20	12M	200u	2 0u	300m	175 J	TO-3
-	BDY43	NthAmerSemi	NPN	5 0	300	60	20	12M	200u	2 0u	300m	175 J	TO-3
45	BDY43	Semelab	NPN	5 0	300	60	20	12M	200u	2 0u	300m	175 J	TO-3
-	2N5804	See Index	NPN	5 0	300	62	10	15M		500n	400m	175 J	TO-3
-	XGSR3030	GeneralSemi	NPN	5 0	300	75	10	25M	250u	400n	266m	175 J	TO-3
-	MJE52T	President	NPN	5 0	300	80	5 0		1 0m	500n	400m	140 J	TO 220AB
-	MJE52T	SemiconTech	NPN	5 0	300	80	5 0		1 0m	500n	400m	140 J	TO 220AB
50	2N6498	See Index	NPN	5 0	300	80	10	5 0M	1 0m	1 0u	1 0	140 J	TO-220AB
-	SPT5240 (A)	Slid St Dvcs	NPN	5 0	300	100	2 0	2 0M	2 0m			175 J	TO-3
-	2N6542	See Index	NPN	5 0	300	100	7 0	6 0M	500u	700n	333m	175 J	TO-3
-	BUS21	AmperexElec	NPN	5 0	300	100	10		1 0m			175 J	TO-3
-	BUS21	NthAmerSemi	NPN	5 0	300	100	10		1 0m			175 J	TO-3
55	BUS21	PhilipsElec	NPN	5 0	300	100	10		1 0m			175 J	TO-3
-	BUW41	GE Solid St	NPN	5 0	300	100	10	60M	0 1m	0 5u		140 J	TO-220AB
-	BUW41	NthAmerSemi	NPN	5 0	300	100	10	60M	0 1m	0 5u		140 J	TO 220AB
-	MJ4400	PPC Product	NPN	5 0	300	100	12	6 0M	3 0m	700n		175 J	TO-66
-	MJ4400	SemiconTech	NPN	5 0	300	100	12	6 0M	3 0m	700n		175 J	TO-66
60	BUX16B	GE Solid St	NPN	5 0	300	100	15		5 0m			175 C	TO-3
-	BUX16B	NthAmerSemi	NPN	5 0	300	100	15		5 0m			175 C	TO-3
-	2N5240	See Index	NPN	5 0	300	100	20	2 0M	2 0m		1 1	175 J	TO-3
-	MJ411	See Index	NPN	5 0	300	100	30	2 5M	250u		800m	140 J	TO-3
65	MJ3430	See Index	NPN	5 0	300	125	15	2 5M	2 5m		360m	140 J	TO-3
-	SPC430	Solid Power	NPN	5 0	300	125	15	4 0M	500m		360m	140 J	TO-3
-	SVT300-3	PPC Product	NPN	5 0	300	150	5		1 0m	400n			TO-3
-	SVT300-3	SemiconTech	NPN	5 0	300	150	5		1 0m	400n			TO-3
-	2N3080	See Index	NPN	5 0	300	150	7 0	30k	5 0m	6000n	140m	140 C	TO-36
-	2N3434	Diode Trans	NPN	5 0	300	150	10	20k	2 0m	4000n	200m	175 C	STR-1/4
70	SVT300-5	Optek Tech	NPN	5 0	300	150	15			400n			TO-3
-	SVT300-5	PPC Product	NPN	5 0	300	150	15			400n			TO-3
-	SVT300-5	SemiconTech	NPN	5 0	300	150	15			400n			TO-3
-	SML40304	Semelab	NPN	5 0	300	220	20	25M			150m	175 J	TO-3
-	SDT40304	PPC Product	NPN	5 0	300	220	20	25M	10u	350n	150m	175 J	TO-3
75	SDT40304	Soltron	NPN	5 0	300	220	20	25M	10u	350n	150m	175 J	TO-3
-	2N6235	See Index	NPN	5 0	325	50	25	20M	100u	500n	5 0	175 J	TO-66
-	SDT1013	Soltron	NPN	5 0	325	100	15	5 0M	5 0m		270m	175 J	TO-3
-	MJ3030	See Index	NPN	5 0	325	125	15		1 0m	1 0u	666m	140 J	TO-3
-	SPC431	Solid Power	NPN	5 0	325	125	15	4 0M	500m		280m	140 J	TO-3
80	SPC431M	Solid Power	NPN	5 0	325	125	15				240m		TO-3
-	BUT21A (A)	AmperexElec	NPN	5 0	350	20				300n		140 J	TO-220AB
-	BUT21A (A)	NthAmerSemi	NPN	5 0	350	20				300n		140 J	TO-220AB
-	BUT21AF (A)	PhilipsElec	NPN	5 0	350	20	9 0		1 0m			140 J	SOT-186
85	PEC7306A	President	NPN	5 0	350	50	8 0	4 0M		1 0u			TO-220
-	XGSR3035	GeneralSemi	NPN	5 0	350	75	10	25M	250u	400n	266m	175 J	TO-3
-	MJE53T	President	NPN	5 0	350	80	5 0		1 0m	500n	400m	140 J	TO-220AB
-	MJE53T	SemiconTech	NPN	5 0	350	80	5 0		1 0m	500n	400m	140 J	TO-220AB
-	2N6499	See Index	NPN	5 0	350	80	10	5 0M	1 0m	1 0u	1 0	140 J	TO-220AB
-	BUS21A (A)	AmperexElec	NPN	5 0	350	100	9 0		1 0m			175 J	TO-3
90	BUS21A (A)	NthAmerSemi	NPN	5 0	350	100	9 0		1 0m			175 J	TO-3
-	BUS21A (A)	PhilipsElec	NPN	5 0	350	100	9 0		1 0m			175 J	TO-3
-	BUW41A	GE Solid St	NPN	5 0	350	100	10	60M	0 1m	0 5u		140 J	TO-220AB
-	BUW41A	NthAmerSemi	NPN	5 0	350	100	10	60M	0 1m	0 5u		140 J	TO-220AB
-	BUX16C	GE Solid St	NPN	5 0	350	100	15		2 0m			175 C	TO-3
95	BUX16C	NthAmerSemi	NPN	5 0	350	100	15		2 0m			175 C	TO-3
-	MJ424	CrmsonSemi	NPN										