

HIGH VOLTAGE SILICON MEDIUM POWER TRANSISTORS

T-29-01

3131 S.E. Jay Street
Stuart, Florida 34997
(407) 283-4500 • TWX - 510-953-7511
FAX 407-286-8914

NPN & PNP METAL PACKAGE

STI Type	Polarity	Power Dissipation @ 25°C (watts)	V _{CB0} (volts)	V _{CER} (volts)	I _{CB0}		h _{FE} @ I _C		V _{CE(SAT.)} V _{BE(SAT.)} @ I _C			C _{OB} pF	f _T (MHz)	CASE STYLE
					(volts)	ua	(Min.)	A	(volts)	(volts)	A			
2N3583	NPN	35	250	175**	225	1000	40	.10	5.0	1.4	1.0	120	10	TO-66
2N3584	NPN	35	375	250**	340	1000	40	.10	.75	1.4	1.0	120	10	TO-66
2N3585	NPN	35	500	300**	450	1000	40	.10	.75	1.4	1.0	120	10	TO-66
2N3738	NPN	20	250	225	250	100	40	.10	2.5	1.0	.25	20	10	TO-66
2N3739	NPN	20	325	300	325	100	40	.10	2.5	1.0	.25	15	30	TO-66
2N4240	NPN	35	500	300**	450	1000	40	.10	1.0	1.4	1.0	120	15	TO-66
2N4296	NPN	20	350	250	300	15	50	.05	.75	.90	.05	15	30	TO-66
2N4297	NPN	20	350	250	300	15	75	.05	.75	.90	.05	15	30	TO-66
2N4298	NPN	20	500	350	400	15	25	.05	.75	.90	.05	15	30	TO-66
2N4299	NPN	20	500	350	400	15	50	.05	.75	.90	.05	15	30	TO-66
2N5052	NPN	40	200	200**	200	500	25	1.0	1.0	1.2	.75	250	10	TO-66
2N5344	PNP	40	250	250	250	.10	25	.50	3.0	1.5	1.0	200	60	TO-66
2N5345	PNP	40	300	300	300	.10	25	.50	3.0	1.5	1.0	200	60	TO-66
2N5468	NPN	70	500	400**	400	1000	15	3.0	.50	1.5	3.0	—	2.5	TO-66
2N5469	NPN	70	700	400**	560	1000	15	3.0	.50	1.5	3.0	—	2.5	TO-66
2N5660	NPN	35	250	200**	250	1.0	40	.50	.40	1.2	1.0	60	20	TO-66
2N5661	NPN	35	400	300**	400	1.0	25	.50	.40	1.2	1.0	60	20	TO-66
2N5664	NPN	55	250	200	250	1.0	40	1.0	.40	1.2	3.0	125	20	TO-66
2N5665	NPN	55	400	300	400	1.0	25	1.0	.40	1.2	3.0	125	20	TO-66
2N6077	NPN	45	300	300	250	5000	12	1.2	.50	1.6	1.2	150	1.0	TO-66
2N6078	NPN	45	275	275	250	50	12	1.2	.50	1.6	1.2	150	1.0	TO-66
2N6079	NPN	45	375	350	250	50	12	1.2	.50	1.2	1.2	150	1.0	TO-66
2N6211	PNP	35	275	225	250	500	10	1.0	1.4	1.4	1.0	220	20	TO-66
2N6212	PNP	35	350	300	315	500	10	1.0	1.6	1.4	1.0	220	20	TO-66
2N6213	PNP	35	400	350	360	500	10	1.0	2.0	1.4	1.0	220	20	TO-66
2N6214	PNP	35	450	400	400	500	10	1.0	2.0	1.4	1.0	220	20	TO-66
2N6233	NPN	50	250	225	250	100	10	3.0	2.5	2.0	5.0	250	20	TO-66
2N6234	NPN	50	300	275	300	100	10	3.0	2.5	2.0	5.0	250	20	TO-66
2N6235	NPN	50	350	325	350	100	10	3.0	2.5	2.0	5.0	250	20	TO-66
2N6420	PNP	35	250	175	250	1000	40	.50	5.0	1.4	1.0	—	10	TO-66
2N6421	PNP	35	375	250	375	1000	8.0	1.0	.75	1.4	1.0	—	10	TO-66
2N6422	PNP	35	500	300	500	1000	25	1.0	.75	1.4	1.0	—	10	TO-66
2N6423	PNP	35	500	300	500	2000	30	.75	1.0	1.4	1.0	—	15	TO-66
2N6424	PNP	20	250	225**	250	100	40	.10	2.5	1.0	.25	20	10	TO-66
2N6425	PNP	20	325	300**	325	100	40	.10	2.5	1.0	.25	20	10	TO-66
DTS-660	NPN	60	200	200**	200	500	30	1.0	.80	1.5	1.0	200	2.5	TO-66
DTS-663	NPN	60	400	400**	400	500	30	1.0	.80	1.5	1.0	200	2.5	TO-66
DTS-665	NPN	60	700	700**	700	500	30	1.0	.80	1.5	1.0	200	2.5	TO-66
DTS-1506	NPN	20	150	150	100	100	30	.05	1.0	1.1	.10	15	10	TO-66
SE7006	NPN	20	150	150	150	1000	30	.10	1.0	1.5	.10	—	60	TO-66
SE7020	NPN	20	300	300	300	10	40	.10	1.0	1.5	.10	—	30	TO-66
SE7030	NPN	20	300	300	300	1.0	40	.10	1.0	1.5	.10	—	30	TO-66
STI-2006	NPN	20	200	200	150	100	30	.05	1.0	1.1	.10	15	10	TO-66
STI-2506	NPN	20	250	250	200	100	30	.05	1.0	1.1	.10	15	10	TO-66
STI-3006	NPN	20	300	300	250	100	30	.05	1.0	1.1	.10	15	10	TO-66
STI-3007	NPN	20	300	300	200	50	30	.05	1.0	1.1	.10	12	20	TO-66
STI-4006	NPN	20	400	400	300	100	30	.05	1.0	1.1	.10	15	10	TO-66
STI-4007	NPN	20	400	400	300	50	30	.05	1.0	1.1	.10	12	20	TO-66
STI-5006	NPN	20	500	500	400	100	30	.05	1.0	1.1	.10	15	10	TO-66
STI-5007	NPN	20	500	500	400	50	30	.05	1.0	1.1	.10	12	20	TO-66
STI-6006	NPN	20	600	600	500	100	30	.05	1.0	1.1	.10	15	10	TO-66
STI-6007	NPN	20	600	600	500	50	30	.05	1.0	1.1	.10	12	20	TO-66
STI-7006	NPN	20	700	700	600	100	25	.05	1.2	1.1	.10	15	10	TO-66
STI-7007	NPN	20	700	700	600	50	30	.05	1.0	1.1	.10	12	20	TO-66
STI-8006	NPN	20	800	800	700	100	25	.05	1.2	1.1	.10	15	10	TO-66
STIP-1506	PNP	20	150	150	100	100	30	.05	1.0	1.2	.10	25	10	TO-66
STIP-2006	PNP	20	200	200	150	100	30	.05	1.0	1.2	.10	25	10	TO-66
STIP-2506	PNP	20	250	250	200	100	30	.05	1.0	1.2	.10	25	10	TO-66
STIP-3006	PNP	20	300	300	250	100	30	.05	1.0	1.2	.10	25	10	TO-66
STIP-4006	PNP	20	400	400	350	100	30	.05	1.0	1.2	.10	25	10	TO-66

**VCEO