

SILICON TRANSISTORS

MEDIUM AND HIGH POWER

SEMICONDUCTOR TECHNOLOGY 05E D

8136458 0000247 5

T-29-01

STI Type	Polarity	Power Dissipation @ 25°C (watts)	T _J (°C)	V _{CEV} (volts)	V _{CEO} (volts)	h _{FE} @ I _C			V _{CE(SAT.)} @ I _C		f _T (MHz)	CASE STYLE
						(Min.)	(Max.)	A	(volts)	A		
2N497A	NPN	5.0	200	60	60	12	36	.20	1.5	.20	4.0	TO-5
2N498A	NPN	5.0	200	100	100	12	36	.20	1.5	.20	4.0	TO-5
2N656	NPN	4.0	200	60	60	30	90	.10	1.5	.20	4.0	TO-5
2N656A	NPN	5.0	200	60	60	30	90	.20	1.5	.20	4.0	TO-5
2N657A	NPN	5.0	200	100	100	30	90	.20	1.5	.20	4.0	TO-5
2N1445	NPN	4.0	200	120	120	20	80	.20	4.0	.20	.75	TO-5
2N1480	NPN	5.0	200	100	100	20	60	.20	1.4	.20	1.0	TO-5
2N1700	NPN	5.0	200	60	40	20	80	.10	1.0	.25	.40	TO-5
2N1715	NPN	20	175	150	100	20	60	.20	2.0	.20	16	TO-5
2N1717	NPN	20	175	150	100	40	120	.20	2.0	.20	16	TO-5
2N1721	NPN	20	175	150	100	40	120	.20	2.0	.20	16	TO-5
2N2033	NPN	5.0	200	80	60	20	60	.50	.40	.50	1.0	TO-5
2N2034	NPN	14	200	80	60	20	60	1.0	.30	1.0	1.0	TO-5
2N2102	NPN	5.0	200	120	80	35	—	.01	.50	.15	—	TO-5
2N2102A	NPN	1.0	200	120	65	40	125	.15	.30	.15	—	TO-5
2N2196	NPN	2.0	175	80	60	30	90	.20	2.0	.20	—	MD-14
2N2197	NPN	2.0	175	80	60	75	200	.20	2.0	.20	—	MD-14
2N2270	NPN	5.0	200	60	45	30	—	.001	.90	.15	—	TO-5
2N2305	NPN	75	200	60	60	15	60	.80	1.2	.60	—	TO-3
2N2405	NPN	5.0	—	120	90	60	200	.15	.50	.15	—	TO-5
2N2983	NPN	1.0	200	155	80	20	60	1.0	1.2	2.0	60	TO-5
2N2984	NPN	1.0	200	185	120	20	60	1.0	1.2	2.0	60	TO-5
2N2985	NPN	1.0	200	155	80	40	120	1.0	1.2	2.0	60	TO-5
2N2986	NPN	1.0	200	185	120	40	120	1.0	1.2	2.0	60	TO-5
2N3053	NPN	5.0	200	60	40	50	250	.15	1.4	.15	100	TO-5
2N3118	NPN	4.0	200	85	60	50	275	.025	—	—	250	TO-5
2N3119	NPN	4.0	200	100	80	50	200	.10	.50	.10	250	TO-5
2N3244	PNP	1.0	200	40	40	50	150	.50	.30	.15	175	TO-5
2N3245	PNP	1.0	200	50	50	30	90	.50	.35	.15	150	TO-5
2N3252	NPN	1.0	200	60	30	30	90	.50	.30	.15	200	TO-5
2N3253	NPN	1.0	200	75	40	25	75	.375	.35	.15	175	TO-5
2N3419	NPN	1.0	200	125	80	15	—	5.0	.50	2.0	40	TO-5
2N3421	NPN	1.0	200	125	80	15	—	5.0	.50	2.0	40	TO-5
2N3444	NPN	1.0	200	80	50	20	60	.50	.35	.15	150	TO-5
2N3675	NPN	8.8	200	90	55	12	60	1.0	.80	1.0	1.0	TO-5
2N3676	NPN	8.8	200	90	90	12	60	1.0	.80	1.0	1.0	TO-5
2N3866	NPN	5.0	200	55	30	—	—	—	1.0	.10	800	TO-39
2N3866A	NPN	5.0	200	55	30	25	200	.05	1.0	.10	800	TO-39
2N3916	NPN	5.0	150	150	150	40	200	.15	5.0	.15	50	MD-14
2N3945	NPN	5.0	200	70	50	40	250	.15	.50	.15	60	TO-5
2N4000	NPN	1.0	200	100	80	30	120	.50	.30	.50	40	TO-5
2N4001	NPN	1.0	200	120	100	40	120	.50	.30	.50	40	TO-5
2N4918	PNP	30	150	40	40	20	100	.50	.60	1.0	3.0	TO-126
2N4919	PNP	30	150	60	60	20	100	.50	.60	1.0	3.0	TO-126
2N4920	PNP	30	150	80	80	20	100	.50	.60	1.0	3.0	TO-126
2N4921	NPN	30	150	40	40	20	100	.50	.60	1.0	3.0	TO-126
2N4922	NPN	30	150	60	60	20	100	.50	.60	1.0	3.0	TO-126
2N4923	NPN	30	150	80	80	20	100	.50	.60	1.0	3.0	TO-126
2N5108	NPN	3.5	200	55	30	10	—	.10	.50	.10	1200	TO-39
2N5108A	NPN	3.5	200	55	30	12	—	.10	.50	.10	1200	TO-39
2N5109	NPN	3.5	200	40	20	70	—	.05	.50	.10	1200	TO-39
2N5147	PNP	7.0	200	100	80	30	90	1.0	1.0	1.0	50	TO-39
2N5149	PNP	7.0	200	100	80	70	200	1.0	1.0	1.0	60	TO-39
2N5150	PNP	7.0	200	100	80	70	200	1.0	1.0	1.0	60	TO-39
2N5151	PNP	10	200	100	80	30	90	2.5	.75	2.5	50	TO-39
2N5153	PNP	10	200	100	80	70	250	2.5	.75	2.5	50	TO-39
2N5321	NPN	10	200	75	50	40	250	.50	.80	.50	50	TO-5
2N5322	PNP	10	200	100	75	30	130	.50	.60	.50	50	TO-5
2N5323	PNP	10	200	75	50	40	250	.50	1.2	.50	50	TO-5
2N5333	PNP	15	200	100	80	30	120	1.0	1.0	2.0	30	TO-39

*DARLINGTON TRANSISTOR