

SILICON TRANSISTORS

T. 29.01

SMALL SIGNAL TRANSISTORS

SEMICONDUCTOR TECHNOLOGY 05E D

STI TYPE	Polarity	Power Dissipation @ 25°C MW	T _J (°C)	V _{CB0} (volts)	V _{CE0} (volts)	h _{FE} @ I _c			V _{CE} (SAT.) @ I _c		h _{FE}	f _T (MHz)	CASE STYLE
						(Min.)	(Max.)	(mA)	(volts)	(mA)			
2N2017	NPN	1000	200	60	60	50	200	200	—	—	30	—	TO-5
2N2107	NPN	1000	150	50	60	30	90	200	2.0	200	—	—	TO-5
2N2108	NPN	1000	150	50	60	75	200	200	2.0	200	—	—	TO-5
2N2192A	NPN	800	200	60	40	100	300	150	.25	150	—	—	TO-5
2N2193A	NPN	800	200	80	50	40	120	150	.25	150	—	—	TO-5
2N2194A	NPN	800	200	40	60	20	60	150	.25	150	—	—	TO-5
2N2195A	NPN	800	200	45	25	20	—	150	.25	150	—	—	TO-5
2N2217	NPN	800	175	60	30	20	60	150	.40	150	—	250	TO-5
2N2218A	NPN	800	175	75	40	40	120	150	.30	150	30	250	TO-5
2N2219A	NPN	800	175	75	40	100	300	150	.30	150	50	250	TO-5
2N2221A	NPN	500	175	75	40	40	120	150	.30	150	30	250	TO-18
2N2222A	NPN	500	175	75	40	100	300	150	.30	150	50	250	TO-18
2N2243	NPN	800	200	120	80	40	120	150	.35	150	—	50	TO-5
2N2243A	NPN	800	200	120	80	40	120	150	.25	150	—	50	TO-5
2N2465	NPN	500	200	100	60	40	—	100	.30	10	115	140	TO-18
2N2466	NPN	500	200	100	60	60	—	100	3.0	10	160	160	TO-18
2N2475	NPN	300	200	15	6.0	20	20	50	—	—	6.0	—	TO-18
2N2483	NPN	360	200	60	60	40	120	.01	.35	1.0	80	12	TO-18
2N2484	NPN	360	200	60	60	100	500	.01	.35	1.0	150	15	TO-18
2N2509	NPN	360	200	125	80	25	—	10	1.0	5.0	—	45	TO-18
2N2510	NPN	350	200	100	65	150	500	.10	1.0	5.0	—	45	TO-18
2N2537	NPN	800	200	60	30	50	150	150	.45	150	—	250	TO-5
2N2723*	NPN	500	200	80	60	2000	10000	.10	1.0	.01	—	100	TO-72
2N2785*	NPN	500	200	40	40	2000	20000	.10	1.0	.015	—	10	TO-72
2N2846	NPN	800	200	60	30	30	120	150	.40	150	—	250	TO-5
2N2857	NPN	300	200	30	15	30	150	3.0	—	—	50	1500	TO-72
2N2861	PNP	300	200	25	20	30	120	10	.20	10	50	60	TO-18
2N2862	PNP	300	200	25	20	12	120	10	.20	10	25	45	TO-18
2N2904A	PNP	800	175	60	60	40	120	150	.30	150	—	250	TO-5
2N2905A	PNP	800	175	60	60	100	300	150	.30	150	—	250	TO-5
2N2906A	PNP	500	175	60	60	40	120	150	.30	150	—	250	TO-18
2N2907A	PNP	500	175	60	60	100	300	150	.30	150	—	250	TO-18
2N2970	PNP	150	140	30	20	10	—	.10	.80	10	—	4.0	TO-5
2N2971	PNP	150	140	30	20	10	—	.10	.80	10	—	4.0	TO-18
2N3010	NPN	300	200	15	6.0	25	125	10	.25	10	—	600	TO-18
2N3011	NPN	360	200	30	12	30	120	10	.20	10	—	400	TO-18
2N3012	PNP	360	200	12	12	30	120	30	.15	10	—	400	TO-18
2N3019	NPN	800	200	140	80	100	300	150	.20	150	80	100	TO-5
2N3020	NPN	800	200	140	80	40	120	150	.20	150	30	80	TO-5
2N3115	NPN	400	200	60	20	40	120	150	.50	150	—	250	TO-18
2N3116	NPN	400	200	60	20	100	300	150	.50	150	—	250	TO-18
2N3117	NPN	360	200	60	60	250	500	.01	.35	1.0	400	60	TO-18
2N3120	PNP	800	200	45	45	30	130	50	.25	50	25	130	TO-5
2N3121	PNP	360	200	45	45	30	130	50	.25	50	25	130	TO-18
2N3133	PNP	600	200	50	35	40	120	150	.60	150	—	200	TO-5
2N3134	PNP	600	200	50	35	100	300	150	.60	150	—	200	TO-5
2N3135	PNP	600	200	50	35	40	120	150	.60	150	—	200	TO-18
2N3136	PNP	360	200	50	35	100	300	150	.60	150	—	200	TO-18
2N3224	PNP	700	200	100	100	20	60	50	—	—	20	60	TO-5
2N3225	PNP	700	200	100	100	40	120	50	—	—	40	80	TO-5
2N3248	PNP	360	200	15	12	50	150	.10	.125	10	—	250	TO-18
2N3299	NPN	800	200	60	30	40	120	150	.22	150	—	250	TO-18
2N3300	NPN	800	200	60	30	100	300	150	.22	150	—	250	TO-5
2N3301	NPN	360	200	60	30	40	120	150	.22	150	—	250	TO-18
2N3302	NPN	360	200	60	30	100	300	150	.22	150	—	250	TO-18
2N3344	PNP	250	175	30	30	25	—	1.0	—	—	—	2.0	TO-5
2N3345	PNP	250	175	50	50	15	—	1.0	—	—	—	2.0	TO-5
2N3494	PNP	600	200	80	80	35	—	100	.30	10	40	200	TO-5
2N3498	NPN	1000	200	100	100	40	120	150	.20	10	50	150	TO-5
2N3499	NPN	1000	200	100	100	100	300	150	.20	10	75	150	TO-5

*DARLINGTON TRANSISTOR