



SILICON TRANSISTORS

T-29-01

SMALL SIGNAL TRANSISTORS

STI TYPE	Polarity	Power Dissipation @ 25°C MW	Tj (°C)	VCBO (volts)	VCEO (volts)	hFE @ Ic			VCE (SAT.) @ Ic		hfe	ft (MHz)	CASE STYLE
						(Min.)	(Max.)	(mA)	(volts)	(mA)			
2N3502	PNP	700	200	45	45	115	300	50	.25	50	135	200	TO-5
2N3503	PNP	700	200	60	60	115	300	50	.25	50	135	200	TO-5
2N3504	PNP	400	200	45	45	115	300	50	.25	50	135	200	TO-18
2N3505	PNP	400	200	60	60	115	300	50	.25	50	135	200	TO-18
2N3633	NPN	300	200	15	6.0	50	150	10	.21	3.0	—	1.3	TO-18
2N3671	PNP	600	200	60	50	75	225	150	.40	150	—	200	TO-5
2N3672	PNP	400	200	60	50	75	225	150	.40	150	—	200	TO-18
2N3700	NPN	500	200	140	80	100	300	150	.20	150	80	100	TO-18
2N3701	NPN	500	200	140	80	40	120	150	.20	150	30	80	TO-18
2N3724	NPN	800	200	50	30	60	150	100	.20	100	—	300	TO-5
2N3725	NPN	800	200	80	50	60	150	100	.26	100	—	300	TO-5
2N3725A	NPN	800	200	80	50	60	150	100	.26	100	—	300	TO-5
2N3839	NPN	300	200	30	15	30	150	3.0	—	—	50	1600	TO-72
2N4013	NPN	360	200	60	40	60	150	100	.25	10	—	300	TO-18
2N4014	NPN	360	200	80	50	60	150	100	.25	10	50	300	TO-18
2N4034	NPN	280	200	40	40	70	200	10	.13	1.0	50	400	TO-18
2N4104	NPN	1200	200	60	60	500	—	1.0	.30	1.0	500	90	TO-18
2N4419	NPN	600	150	30	12	30	—	10	.20	10	30	400	X-55
2N4888	PNP	800	150	150	150	40	400	10	.50	10	—	30	TO-105
2N4889	PNP	800	150	150	150	80	300	10	.50	10	—	40	TO-105
2N4996/92	NPN	250	150	30	18	50	—	2.0	—	—	—	600	TO-92
2N5179	NPN	300	175	20	12	25	250	3.0	.40	10	25	1400	TO-72
2N5830	NPN	350	150	120	120	80	500	25	.25	50	60	100	TO-92
2N5831	NPN	350	150	160	160	80	500	10	.25	50	60	100	TO-92
2N5832	NPN	350	150	160	160	175	500	10	.25	50	150	100	TO-92
2N5841	NPN	350	200	20	10	25	200	25	—	—	—	2.0	TO-72
2N5842	NPN	350	200	20	10	25	250	25	—	—	—	2.0	TO-72
2N5910	PNP	300	125	20	20	30	120	10	.50	50	—	700	TO-92
2N5998	NPN	600	125	35	25	150	300	10	.25	50	150	140	TO-98
2N5999	PNP	600	125	35	25	150	300	10	.25	50	150	140	TO-98
2N6000	NPN	800	125	35	25	40	—	300	.40	300	70	150	X-55
2N6001	PNP	800	125	35	25	35	—	300	.75	300	85	225	X-55
2N6002	NPN	800	125	35	25	80	—	300	.40	300	175	165	X-55
2N6003	PNP	800	125	35	25	50	—	300	.75	300	235	250	X-55
2N6004	NPN	800	125	50	40	40	—	300	.40	300	70	150	X-55
2N6005	PNP	800	125	50	40	35	—	300	.75	300	85	225	X-55
2N6006	NPN	800	125	50	40	80	—	300	.40	300	175	165	X-55
2N6007	PNP	800	125	50	40	50	—	300	.75	300	235	250	X-55
2N6010	NPN	625	150	50	40	45	—	800	.25	300	65	110	X-55
2N6011	PNP	625	150	50	40	45	—	800	.60	300	90	240	X-55
2N6012	NPN	625	150	50	40	50	—	800	.25	300	155	140	X-55
2N6013	PNP	625	150	50	40	70	—	800	.60	300	225	360	X-55
2N6014	NPN	625	150	70	60	15	—	800	.25	300	65	200	X-55
2N6015	PNP	625	150	70	60	35	—	800	.60	300	90	240	X-55
2N6016	NPN	625	150	70	60	15	—	800	.25	300	155	200	X-55
2N6017	PNP	625	150	70	60	55	—	800	.60	300	225	360	X-55
2N6304	NPN	200	200	30	15	25	250	2.0	—	—	25	1400	TO-72
2N6305	NPN	200	200	30	15	25	250	2.0	—	—	25	1200	TO-72
2N6521*	PNP	1800	200	60	60	10000	25000	150	1.5	150	—	175	TO-33
2N6522*	PNP	1800	200	40	40	20000	50000	150	1.5	150	—	175	TO-33
DTS-2000*	NPN	700	150	40	40	2000	—	600	1.8	600	—	—	TO-92
DTS-2001*	NPN	700	150	60	60	2000	—	600	1.8	600	—	—	TO-92
DTS-2002*	NPN	700	150	80	80	2000	—	600	1.8	600	—	—	TO-92
DTS-2003*	NPN	700	150	100	100	2000	—	600	1.8	600	—	—	TO-92
MM439	PNP	400	200	30	15	30	—	3.0	—	—	—	800	TO-72
MM1505	NPN	400	200	15	6.0	25	125	10	.38	30	30	600	TO-72
MM1613	NPN	800	200	60	40	50	—	20	.50	150	—	250	TO-5
MM1614	PNP	800	200	60	50	40	—	150	.50	150	—	200	TO-5
MM1711	NPN	800	200	60	30	100	—	150	.50	150	—	250	TO-5
MM1712	PNP	800	200	60	50	100	—	150	.50	150	—	200	TO-5

*DARLINGTON TRANSISTOR