



semitronics hot line

discrete
devices

TOLL FREE NUMBER 800-777-3960

silicon transistors cont'd

silicon small signal transistors

choppers

Type	Polarity	Power Dissipation @ 25°C (mw)	T _J (°C)	BV _{CBO} (volts)	BV _{CE} — (volts)	h _{FE} @ I _C		V _{CE} (SAT) @ I _C		h _f —	f— (MHz)	Case Style	
						(Min.)	(Max.)	(mA)	(volts)				(mA)
		NOTE 1			NOTE 2						NOTE 3	NOTE 4	
2N941*	PNP	250 (A)	175	25	8 (U)	10	—	1.0	—	—	25 (E)	16 (T)	TO-18
2N942*	PNP	250 (A)	175	25	8 (U)	10	—	1.0	—	—	25 (E)	10 (T)	TO-18
2N943*	PNP	250 (A)	175	40	18 (O)	10	—	—	0.003	—	25 (E)	1.0 (B)	TO-18
2N944*	PNP	250 (A)	175	40	18 (O)	10	—	—	0.004	—	25 (E)	1.0 (B)	TO-18
2N945*	PNP	250 (A)	175	50	50 (O)	10	—	—	0.005	—	25 (E)	1.0 (B)	TO-18
2N946*	PNP	250 (A)	175	80	80 (O)	10	—	—	0.005	—	25 (E)	1.0 (B)	TO-18
2N1676	PNP	100 (A)	140	4.5	4.5 (U)	—	—	—	0.1	5.0	—	16 (T)	TO-5
2N1677	PNP	100 (A)	140	4.5	4.5 (U)	—	—	—	0.1	5.0	—	16 (T)	TO-5
2N1917*	PNP	250 (A)	175	25	8 (O)	—	—	—	—	—	25 (E)	16 (T)	TO-5
2N1918*	PNP	250 (A)	175	25	8 (O)	—	—	—	—	—	25 (E)	10 (T)	TO-5
2N1919*	PNP	250 (A)	175	40	18 (O)	—	—	—	.003	—	—	1.0 (B)	TO-5
2N1920*	PNP	250 (A)	175	40	18 (O)	—	—	—	.004	—	—	1.0 (B)	TO-5
2N1921	PNP	250 (A)	175	50	50 (O)	—	—	—	.005	—	—	1.0 (B)	TO-5
2N1922*	PNP	250 (A)	175	80	80 (O)	—	—	—	.005	—	—	1.0 (B)	TO-5
2N2002	PNP	250 (A)	200	30	5 (O)	—	—	—	—	—	—	—	TO-5
2N2003	PNP	250 (A)	200	30	5 (O)	—	—	—	—	—	—	—	TO-5
2N2004	PNP	250 (A)	175	50	15 (O)	12	—	1.0	—	—	15 (E)	.5 (B)	TO-5
2N2005	PNP	250 (A)	200	50	15 (O)	—	—	—	—	—	—	—	TO-5
2N2006	PNP	250 (A)	200	60	35 (O)	—	—	—	—	—	—	—	TO-5
2N2007	PNP	250 (A)	200	60	35 (O)	—	—	—	—	—	—	—	TO-5
2N2162	PNP	150 (A)	140	30	30 (O)	—	—	—	—	—	—	14 (T)	TO-5
2N2163	PNP	150 (A)	140	15	15 (O)	—	—	—	—	—	—	14 (T)	TO-5
2N2164	PNP	150 (A)	140	12	8 (O)	—	—	—	—	—	—	24 (T)	TO-5
2N2165	PNP	150 (A)	140	30	30 (O)	—	—	—	—	—	—	10 (T)	TO-5
2N2166	PNP	150 (A)	140	15	15 (O)	—	—	—	—	—	—	10 (T)	TO-5
2N2167	PNP	150 (A)	140	12	8 (O)	—	—	—	—	—	—	16 (T)	TO-5
2N2185	PNP	150 (A)	140	30	30 (O)	—	—	—	—	—	—	6.5 (T)	TO-18
2N2186**	PNP	150 (A)	140	30	30 (O)	—	—	—	—	—	—	6.5 (T)	TO-18
2N2187	PNP	150 (A)	140	30	30 (O)	—	—	—	—	—	—	6.5 (T)	TO-18
2N2274	PNP	150 (A)	140	25	25 (O)	10	—	5.0	—	—	—	6.0 (T)	TO-18
2N2275**	PNP	150 (A)	140	20	20 (O)	10	—	5.0	—	—	—	6.0 (T)	TO-18
2N2276	PNP	150 (A)	140	15	10 (O)	10	—	5.0	—	—	—	6.0 (T)	TO-18
2N2277**	PNP	150 (A)	140	15	10 (O)	10	—	5.0	—	—	—	6.0 (T)	TO-18
2N2278	PNP	150 (A)	140	15	15 (O)	—	—	—	—	—	—	7.6 (T)	TO-18
2N2279**	PNP	150 (A)	140	15	15 (O)	—	—	—	—	—	—	7.6 (T)	TO-18
2N2280	PNP	150 (A)	140	10	6 (O)	—	—	—	0.1	5.0	—	16 (T)	TO-18
2N2281**	PNP	150 (A)	140	10	6 (O)	—	—	—	0.1	5.0	—	16 (T)	TO-18
2N2330	NPN	800 (A)	150	30	20	50	—	10	—	—	—	100 (T)	TO-5
2N2331	NPN	500 (A)	150	30	20	50	—	10	—	—	—	100 (T)	TO-18
2N2332	NPN	800 (A)	200	15	15 (O)	—	—	—	—	—	—	—	TO-18
2N2333	NPN	150 (A)	200	15	5 (O)	—	—	—	—	—	—	—	TO-18
2N2334	NPN	150 (A)	200	30	15 (O)	—	—	—	—	—	—	—	TO-18
2N2335	NPN	150 (A)	200	30	15 (O)	—	—	—	—	—	—	—	TO-18
2N2336	NPN	150 (A)	200	50	35 (O)	—	—	—	—	—	—	—	TO-18
2N2337	NPN	150 (A)	200	50	35 (O)	—	—	—	—	—	—	—	TO-18
2N2432	NPN	300 (A)	175	30	30 (O)	50	—	1.0	0.15	10	—	20 (T)	TO-18
2N2432A	NPN	300 (A)	175	45	45 (O)	50	—	1.0	—	—	—	20 (T)	TO-18
2N2872	PNP	400 (A)	200	110	110 (O)	15	—	1.0	—	—	—	0.2 (T)	TO-77
2N2944	PNP	400 (A)	175	15	10 (O)	80	—	1.0	—	—	—	10 (T)	TO-46
2N2945	PNP	400 (A)	175	25	20 (O)	40	—	1.0	—	—	—	5.0 (T)	TO-46
2N2946	PNP	400 (A)	175	40	35 (O)	30	—	1.0	—	—	—	30.0 (T)	TO-46
2N3217	PNP	400 (A)	200	15	10 (O)	—	—	—	—	—	—	1.0 (T)	TO-46
2N3218	PNP	400 (A)	200	25	20 (O)	—	—	—	—	—	—	1.0 (T)	TO-46
2N3219	PNP	400 (A)	200	40	35 (O)	—	—	—	—	—	—	1.0 (T)	TO-46
2N3317	PNP	150 (A)	140	30	30 (O)	—	—	—	—	—	—	6.4 (T)	TO-18
2N3318	PNP	150 (A)	140	15	15 (O)	—	—	—	—	—	—	7.6 (T)	TO-18
2N3319	PNP	150 (A)	140	10	6 (O)	—	—	—	—	—	—	12 (T)	TO-18
2N3840	PNP	400 (A)	200	50	50 (O)	30	—	0.2	0.1	5.0	—	6.0 (T)	TO-46
2N3841	PNP	300 (A)	200	100	100 (O)	15	—	0.2	0.12	5.0	—	1.5 (T)	TO-18
2N3842	PNP	300 (A)	200	120	120 (O)	10	—	1.0	—	5.0	—	1.0 (T)	TO-72
2N3910	PNP	500 (A)	200	60	50 (O)	40	160	1.0	0.3	10.0	—	4.0 (T)	TO-46
2N3911	PNP	500 (A)	200	60	40 (O)	60	240	1.0	0.3	10.0	—	8.0 (T)	TO-46
2N3912	PNP	500 (A)	200	60	30 (O)	90	—	1.0	0.3	10.0	—	10 (T)	TO-46
2N3913	PNP	400 (A)	200	60	50 (O)	40	160	1.0	0.3	10.0	—	4.0 (T)	TO-18
2N3914	PNP	400 (A)	200	60	40 (O)	60	240	1.0	0.3	10.0	—	8.0 (T)	TO-18
2N3915	PNP	400 (A)	200	60	30 (O)	90	—	1.0	0.3	—	—	10 (T)	TO-18
2N3978	PNP	400 (A)	200	20	20 (O)	30	—	5.0	0.15	5.0	—	1.0 (T)	TO-46
2N3979	PNP	400 (A)	200	40	35 (O)	20	—	5.0	0.15	5.0	—	1.0 (T)	TO-46

* Available in pairs

** Pair