Small Signal Transistors

TO-39 Case (Continued)

TYPE NO.	DESCRIPTION	V_{CBO} (V) MIN	V_{CEO} (V) *V_{CER} MIN	V_{EBO} (V) MIN	I_{CBO} @ (µA) *ICEO **ICES ***ICEV ****ICER	V_{CB} (V)	h_{FE} MIN	h_{FE} MAX	@ I_C (mA)	@ V_{CE} (V)	V_{CE} (SAT) (V) MAX	@ I_C (mA)	f_T (MHz) *TYP MIN	C_{ob} (pF) *TYP MAX	t_{on} (ns) *TYP MAX	t_{off} (ns) *TYP MAX	NF (dB) *TYP MAX
2N1975	NPN AMPL/SWITCH	100	60	7.0	0.025	75	15	- -	10	10	1.20	50	40	15	- -	- -	- -
2N1983	NPN AMPL/SWITCH	50	25	5.0	5.00	30	70	240	5.0	5.0	0.25	5.0	40	45	- -	- -	- -
2N1984	NPN AMPL/SWITCH	50	25	5.0	5.00	30	35	120	5.0	5.0	0.25	5.0	40	45	- -	- -	- -
2N1985	NPN AMPL/SWITCH	50	25	5.0	5.00	30	15	80	5.0	5.0	0.25	5.0	40	45	- -	- -	- -
2N1986	NPN AMPL/SWITCH	50	25	5.0	5.00	30	60	240	150	10	1.50	150	40	35	- -	- -	- -
2N1987	NPN AMPL/SWITCH	50	25	5.0	5.00	30	20	80	150	10	1.50	150	40	35	- -	- -	- -
2N1988	NPN AMPL/SWITCH	100	45	5.0	5.00	50	35	120	30	10	2.00	30	40	20	- -	- -	- -
2N1989	NPN AMPL/SWITCH	100	45	5.0	5.00	50	20	60	30	10	2.00	30	40	20	- -	- -	- -
2N1990	NPN AMPL/SWITCH	100	60	3.0	10	75	20	- -	30	10	0.50	2.0	40	20	- -	- -	- -
2N2017	NPN AMPL/SWITCH	60	60	6.0	10	30	50	200	200	10	2.00	200	- -	- -	- -	- -	- -
2N2049	NPN AMPL/SWITCH	75	40	7.0	0.10	60	100	300	150	10	0.40	10	50	25	- -	- -	- -
2N2102A	NPN AMPL/SWITCH	120	65	7.0	0.002	60	40	120	150	10	0.30	150	60	15	- -	- -	- -
2N2107	NPN AMPL/SWITCH	60	60	6.0	10	30	30	90	200	10	2.00	200	- -	- -	- -	- -	- -
2N2175	PNP AMPL/SWITCH	6.0	6.0	6.0	1.00	6.0	30	- -	0.02	1.5	- -	- -	3.0	- -	- -	- -	- -
2N2177	PNP AMPL/SWITCH	6.0	6.0	6.0	0.50	6.0	35	- -	0.05	4.5	- -	- -	8.0	- -	- -	- -	- -
2N2192B	NPN AMPL/SWITCH	60	40	5.0	0.10	30	100	300	150	10	0.18	150	50	20	- -	- -	- -
2N2193B	NPN AMPL/SWITCH	80	50	6.0	0.10	60	40	120	150	10	0.18	150	50	20	- -	- -	- -
2N2195B	NPN AMPL/SWITCH	45	25	5.0	0.10	30	20	- -	150	10	0.18	150	50	20	- -	- -	- -
2N2218A	NPN AMPL/SWITCH	75	40	6.0	0.10	60	40	120	150	10	0.30	150	250	8.0	- -	- -	- -
2N2219A	NPN AMPL/SWITCH	75	40	6.0	0.10	60	100	300	150	10	0.30	150	250	8.0	- -	- -	- -
2N2237	NPN AMPL/SWITCH	40	20	6.0	- -	- -	40	125	100	10	0.25	100	50	35	- -	- -	- -
2N2243A	NPN AMPL/SWITCH	120	80	7.0	10	60	40	120	150	10	0.25	150	50	15	- -	- -	- -
2N2270	NPN AMPL/SWITCH	60	45	7.0	0.50	60	50	200	150	10	0.90	150	100	15	- -	- -	- -
2N2297	NPN AMPL/SWITCH	80	35	7.0	0.10	60	40	120	150	10	0.20	150	60	12	- -	- -	- -
2N2303	PNP AMPL/SWITCH	50	35	5.0	1.00	30	75	200	150	10	1.50	150	60	45	- -	- -	- -
2N2309	NPN AMPL/SWITCH	30	30	5.0	- -	- -	25	125	0.2	5.0	- -	- -	40	25	- -	- -	- -
2N2380A	NPN AMPL/SWITCH	80	40	5.0	- -	- -	20	120	150	10	1.30	150	100	14	- -	- -	- -
2N2405	NPN AMPL/SWITCH	120	90	7.0	0.10	90	60	200	150	10	0.50	150	50	15	- -	- -	- -
2N2410	NPN CORE DRIVER	60	30	5.0	0.30	30	30	120	150	10	0.45	150	200	11	65	65	- -
2N2476	NPN CORE DRIVER	60	20	5.0	0.20	50	20	- -	150	10	0.40	150	250	10	25	45	- -
2N2477	NPN CORE DRIVER	60	20	5.0	0.20	50	40	- -	150	10	0.40	150	250	10	25	45	- -
2N2479	NPN AMPL/SWITCH	80	40	5.0	- -	- -	30	120	150	10	0.85	150	150	14	- -	- -	- -
2N2481	NPN SAT SWITCH	40	15	5.0	0.50	20	40	120	10	1.0	0.25	10	300	5.0	40	55	- -
2N2594	NPN AMPL/SWITCH	80	80	7.0	0.10	60	50	150	100	5.0	1.00	200	40	20	- -	- -	- -
2N2657	NPN AMPL/SWITCH	80	60	7.0	0.10	60	40	120	1,000	2.0	0.50	1,000	20	150	- -	- -	- -
2N2658	NPN AMPL/SWITCH	100	80	7.0	0.10	60	40	120	1,000	2.0	0.50	1,000	20	150	- -	- -	- -
2N2726	NPN HIGH VOLTAGE	200	150	6.0	1.00	100	30	90	200	10	2.00	200	5.0	- -	- -	- -	- -
2N2727	NPN HIGH VOLTAGE	200	150	6.0	1.00	100	75	150	200	10	2.00	200	10	- -	- -	- -	- -
2N2800	PNP AMPL/SWITCH	50	35	5.0	0.10	30	30	- -	150	10	1.00	150	120	25	- -	- -	- -
2N2801	PNP AMPL/SWITCH	50	35	5.0	0.10	30	75	- -	150	10	1.00	150	120	25	- -	- -	- -