Small Signal Transistors

TO-18 Case (Continued)



TYPE NO.	DESCRIPTION	BV_{CBO} (V) MIN	BV_{CEO} (V) MIN	BV_{EBO} (V) MIN	I_{CBO} @ (µA) MAX *ICES **ICEV	V_{CB} (V)	h_{FE} MIN	h_{FE} MAX	@ I_C (mA)	@ V_{CE} (V)	$V_{CE\ (SAT)}$ (V) MAX	@ I_C (mA)	C_{OB} (pF) MAX	f_T (MHz) MIN	NF (dB) MAX	t_{on} (ns) MAX	t_{off} (ns) MAX
2N5183	NPN AMPL/SWITCH	18	18	7.0	0.5	12	75	400	10	10	0.5	300	20	125	- -	- -	- -
2N6430	NPN HIGH VOLTAGE	200	200	6.0	0.1	160	50	200	30	10	0.5	20	4.0	50	- -	- -	- -
2N6431	NPN HIGH VOLTAGE	300	300	6.0	0.1	200	50	200	30	10	0.5	20	4.0	50	- -	- -	- -
2N6432	PNP HIGH VOLTAGE	200	200	5.0	0.25	160	30	150	30	10	0.5	20	6.0	50	- -	- -	- -
2N6433	PNP HIGH VOLTAGE	300	300	5.0	0.25	200	30	150	30	10	0.5	20	6.0	50	- -	- -	- -
BC110	NPN AMPL/SWITCH	80	80	8.0	0.1	80	30	- -	2.0	5.0	0.6	50	5.0	50	- -	- -	- -
BC187	PNP AMPL/SWITCH	30	25	5.0	0.1	30	140	- -	2.0	5.0	- -	- -	- -	- -	- -	- -	- -
BC393	PNP AMPL/SWITCH	180	180	6.0	0.05	100	50	100	10	10	0.3	10	7.0	5.0	- -	100	400
BC394	NPN AMPL/SWITCH	180	180	6.0	0.05	100	50	100	10	10	0.3	10	7.0	5.0	- -	100	400
BC477	PNP AMPL/SWITCH	90	80	6.0	0.01*	70	70	250	2.0	5.0	0.25	10	6.0	150	10	- -	- -
BCX22	NPN AMPL/SWITCH	125	125	5.0	0.1*	100	40	- -	200	1.0	0.9	300	12	50	- -	- -	- -
BCX23	PNP AMPL/SWITCH	125	125	5.0	0.1*	100	40	- -	200	1.0	0.9	300	12	50	- -	- -	- -
BCX24	NPN AMPL/SWITCH	100	100	7.0	0.03*	0.03*	20	- -	10	1.0	0.9	300	12	30	- -	- -	- -
BCX39	PNP AMPL/SWITCH	100	100	5.0	0.1*	100	40	- -	200	1.0	0.9	300	12	50	- -	- -	- -
BCX94	NPN AMPL/SWITCH	100	100	5.0	100*	100	63	- -	100	1.0	0.9	300	8.0	50	- -	- -	- -
BCY70	PNP AMPL/SWITCH	50	40	5.0	0.5	50	15	- -	50	1.0	0.25	10	6.0	250	6.0	65	420
BCY71	PNP AMPL/SWITCH	45	45	5.0	0.5	45	100	600	10	1.0	0.25	10	6.0	250	2.0	- -	- -
BCY79	PNP AMPL/SWITCH	45	45	5.0	0.1*	45	80	1.0K	10	1.0	0.25	10	7.0	180	6.0	150	800
BFR16	NPN LOW NOISE	60	60	8.0	0.01*	50	150	490	1.0	5.0	5.0	10	6.0	70	4.0	- -	- -
BFW68	NPN AMPL/SWITCH	50	40	5.0	0.01	30	45	- -	1.0	10	0.15	10	4.0	250	6.0	30	240
BFX65	PNP AMPL/SWITCH	45	45	6.0	0.01*	40	100	- -	1.0	5.0	0.25	10	6.5	100	3.0	- -	- -
BFY18	NPN AMPL/SWITCH	40	25	3.0	0.01	20	25	- -	10	9.0	1.5	10	5.5	200	- -	- -	- -
BFY74	NPN AMPL/SWITCH	60	45	5.0	0.01	45	40	180	10	5.0	1.0	10	4.0	250	- -	- -	- -
BFY76	NPN LOW NOISE	60	60	8.0	0.02*	50	150	300	1.0	5.0	0.35	1.0	6.0	70	4.0	- -	- -
BSV68	PNP AMPL/SWITCH	110	100	6.0	10	110	30	- -	10	5.0	0.25	25	5.0	50	- -	- -	- -
BSX19	NPN AMPL/SWITCH	40	15	- -	0.4	20	20	60	10	1.0	0.25	10	4.0	400	- -	12	15
BSX20	NPN AMPL/SWITCH	40	15	4.5	0.4	20	40	120	10	1.0	0.25	10	4.0	500	- -	12	18
BSX21	NPN AMPL/SWITCH	120	80	5.0	0.2	90	20	- -	4.0	1.0	0.70	4.0	4.5	60	- -	- -	- -
BSX36	PNP AMPL/SWITCH	40	40	5.0	0.015	25	40	- -	10	10	1.8	500	8.0	100	- -	40	100
BSX49	NPN AMPL/SWITCH	60	40	5.0	0.07	50	25	- -	100	1.0	1.0	500	6.0	250	- -	50	95
BSX79	NPN AMPL/SWITCH	50	45	5.0	0.01	25	100	750	10	1.0	0.2	10	5.0	200	- -	150	800
BSY18	NPN AMPL/SWITCH	20	12	5.0	1.0	20	40	120	10	0.35	0.28	10	5.0	280	- -	16	24
BSY62	NPN AMPL/SWITCH	25	15	5.0	0.5	15	20	300	10	1.0	0.6	10	5.0	280	- -	40	75
BSY79	NPN AMPL/SWITCH	120	- -	5.0	0.05	90	30	- -	1.0	1.0	0.5	2.0	4.0	50	- -	- -	- -
BSY95A	NPN AMPL/SWITCH	20	15	5.0	0.05	16	50	200	10	0.35	0.35	10	6.0	200	- -	- -	- -
MM4257	PNP FAST SWITCH	6.0	6.0	4.5	0.01*	6.0	30	120	10	0.3	0.15	10	3.0	500	- -	25	25
MM4258	PNP FAST SWITCH	12	12	4.5	0.01*	6.0	30	120	10	0.3	0.15	10	3.0	700	- -	25	30