

Small Signal Transistors

TO-18 Case (Continued)



TYPE NO.	DESCRIPTION	BVCBO	BVCEO	BVEBO	ICBO @ VCBO		hFE		@ IC	@ VCE	VCE(SAT) @ IC		Cob	fT	NF	ton	toff
		(V) MIN	(V) MIN	(V) MIN	(μ A) MAX *ICES **ICEV	(V)	MIN	MAX	(mA)	(V)	(V)	(mA)	(pF) MAX	(MHZ) MIN	(dB) MAX	(ns) MAX	(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	1,000	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