

Low Level and General Purpose Amplifiers

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			HFE				VCE(sat)		fT min (MHz)	Cob max (MHz)	N.F. max (dB)
			Pd (mW)	IC (mA)	VCEO (V)	min	max	IC (mA)	VCE (V)	max (V)	IC (mA)			
BCY70	P	TO-18	300	200	40	50	-	10	1	0.25	10	250	6	6
BCY71	P	TO-18	350	200	45	100	600	10	1	0.25	10	200	6	2
BCY72	P	TO-18	350	200	25	50	-	10	1	0.25	10	200	6	6
BCY78	P	TO-18	350	200	32	120	630 #	2	5	0.25	10	100	7	6
BCY79	P	TO-18	350	200	45	120	460 #	2	5	0.25	10	100	7	6
BCY85	N	TO-92A	300	200	60	100	400	2	5	0.3	100	200	5	-
BCY86	N	TO-92A	300	200	50	250	600	2	5	0.23	100	200	5	-
BF394	N	TO-92C	350	100	30	65	350	1	10	0.25	10	80	-	-
BFW22	P	TO-18	360	100	45	250	600	1	5	0.4	50	50	6	2
BFX37	P	TO-18	360	50	60	100	-	10	5	0.4	50	50	6	3
BFX50	N	TO-18	350	1000	35	30	-	150	10	0.4+	500	60	4+	-
BFX65	P	TO-18	360	50	45	100	-	10	5	0.25	10	150+	6.5	3
BFX92	N	TO-18	300	30	45	40	120	0.01	5	-	-	30	8	4
BFX93	N	TO-18	300	30	45	100	300	0.01	5	-	-	30	8	3
BFY39	N	TO-18	300	100	25	35	400 #	10	10	1	10	150+	5+	-
BFX76	N	TO-18	360	50	45	140	230	1	5	0.35	1	40	6	4
BFY77	N	TO-18	360	50	45	200	450	1	5	0.35	1	40	6	3
BSW19	P	TO-18	300	100	30	40	120	10	1	1	10	150	7	-
BSW19A	P	TO-18	300	100	30	100	300	10	1	1	10	150	7	-
BSW20	P	TO-92F	280	100	30	40	120	10	1	0.18	10	150	7	-
BSW20A	P	TO-92F	280	100	30	100	300	10	1	0.18	10	150	7	-
BSW21	P	TO-18	300	200	25	75	225	2	4.5	0.5	50	150	8	-
BSW21A	P	TO-18	300	200	50	75	225	2	4.5	0.5	50	150	8	-
BSW22	P	TO-18	300	200	25	180	540	2	4.5	0.5	50	150	8	-
BSW22A	P	TO-18	300	200	50	180	540	2	4.5	0.5	50	150	8	-
BSX24	N	TO-18	300	100	32	35	-	50	5	0.35	100	200+	5+	-
BSX25	N	TO-18	360	300	25	30	-	5	10	1	20	25	10	-
BSX38	N	TO-18	345	100	30	100	750 #	10	1	0.2	10	200	5	-
BSX51	N	TO-18	300	200	25	75	225	2	4.5	0.3	50	150	8	-
BSX51A	N	TO-18	300	200	50	50	225	2	4.5	0.3	50	150	8	-
BSX51B	N	TO-18	300	200	60	75	225	2	4.5	0.3	50	150	8	-
BSX52	N	TO-18	300	200	25	180	540	2	4.5	0.3	50	150	8	-
BSX52A	N	TO-18	300	200	50	180	540	2	4.5	0.3	50	150	8	-
BSX52B	N	TO-18	300	200	60	180	540	2	4.5	0.3	50	150	8	-
BSY41	P	TO-18	300	100	25	50	200	10	10	0.2	10	140	-	-
BSY72	N	TO-18	155	30	18	80	250	1	1	0.05+	5	170	-	-
BSY73	N	TO-18	155	100	18	35	100	1	1	0.5	100	145	-	-
BSY74	N	TO-18	155	100	18	80	250	1	1	0.5	100	170	-	-
BSY78	N	TO-18	300	250	64	80	-	1	1	-	-	170	4	-
BSY89	N	TO-18	300	100	18	150	-	1	5	0.5	100	40	-	-
EN930	N	TO-106	200	50	45	100	300	0.01	5	1	10	30	8	3
KM9011	N	TO-92A	300	100	20	28	198	1	5	0.5	10	150	2.5	-
KM9014	N	TO-92A	300	100	20	72	1000 #	1	5	0.5	10	50	6	2+
KM9015	P	TO-92A	300	100	20	72	1000 #	1	5	0.5	10	50	6	2+
LN9014	N	TO-92A	300	100	25	100	1000 #	1	5	0.25	10	120+	2.4+	3
LN9015	P	TO-92A	300	100	25	100	1000 #	1	5	0.25	10	120+	2.4+	3
MPS2711	N	TO-92A	360	100	18	30	90	2	4.5	-	-	-	4	-
MPS2712	N	TO-92A	360	100	18	75	225	2	4.5	-	-	-	12	-
MPS2713	N	TO-92A	350	100	18	30	90	2	4.5	0.3	50	250+	2.5+	-
MPS2714	N	TO-92A	350	100	18	75	225	2	4.5	0.3	50	250+	2.5+	-

HFE groupings available □ hfe @ 1KHz + typical value