

Low Level and General Purpose Amplifiers

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H_{FE}				$V_{CE(SAT)}$		f_T min (MHz)	Cob max (pF)	N.F. max (dB)
			P_d (mW)	I_C (mA)	V_{CEO} (V)	min	max	I_C (mA)	V_{CE} (V)	max (V)	I_C (mA)			
BFX93	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+	—
BFY76	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	200	18	30	90	2	4.5	0.3	50	250+	2.5+	—
MPS2714	N	TO-92A	350	200	18	75	225	2	4.5	0.3	50	250+	2.5+	—
MPS2716	N	TO-92A	360	25	18	75	225	2	4.5	—	—	—	5	—
MPS2923	N	TO-92A	360	100	25	90	180 ▲	2	10	—	—	—	12	—
MPS2924	N	TO-92A	360	100	25	150	300 ▲	2	10	—	—	—	12	—
MPS2925	N	TO-92A	360	100	25	235	470 ▲	2	10	—	—	—	12	—
MPS2926	N	TO-92A	360	100	18	35	470 ▲ #	2	10	—	—	—	3.5	—
MPS3390	N	TO-92A	360	100	25	400	800	2	4.5	—	—	—	10	—
MPS3391	N	TO-92A	360	100	25	250	500	2	4.5	—	—	—	10	—
MPS3392	N	TO-92A	360	100	25	150	300	2	4.5	—	—	—	10	—
MPS3393	N	TO-92A	360	100	25	90	180	2	4.5	—	—	—	10	—
MPS3394	N	TO-92A	360	100	25	55	110	2	4.5	—	—	—	10	—
MPS3395	N	TO-92A	360	100	25	150	500	2	4.5	—	—	—	10	—
MPS3396	N	TO-92A	360	100	25	90	500	2	4.5	—	—	—	10	—
MPS3397	N	TO-92A	360	100	25	55	500	2	4.5	—	—	—	10	—
MPS3398	N	TO-92A	360	100	25	55	800	2	4.5	—	—	—	10	—

H_{FE} groupings available ▲ h_{fe} @ 1 KHz + Typical value