

# Low Level and General Purpose Amplifiers

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H <sub>FE</sub>				V <sub>CE(sat)</sub>		f <sub>T</sub> (MHz)	C <sub>ob</sub> (MHz)	N.F. (dB)
			P <sub>d</sub> (mW)	I <sub>C</sub> (mA)	V <sub>CEO</sub> (V)	min max		I <sub>C</sub> (mA)	V <sub>CE</sub> (V)	max (V)	I <sub>C</sub> (mA)			
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	-	-
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+	-
MPS2716	N	TO-92A	360	100	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	200	25	235	470 □	2	10	-	-	-	12	-
MPS2926	N	TO-92A	360	200	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	-
MPS3608	P	TO-92A	350	500	25	30	-	50	1	1	100	100	20	-
MPS3707	N	TO-92A	360	30	30	100	400	0.1	5	1	10	-	-	-
MPS3708	N	TO-92A	360	30	30	45	660	1	5	1	10	-	-	-
MPS3709	N	TO-92A	360	30	30	45	165	1	5	1	10	-	-	-
MPS3710	N	TO-92A	360	30	30	90	330	1	5	1	10	-	-	-
MPS3711	N	TO-92A	360	30	30	180	660	1	5	1	10	-	12	-
MPS3721	N	TO-92A	360	100	18	60	660	2	10	-	-	-	3.5	-
MPS5172	N	TO-92A	360	100	25	100	500	10	10	0.25	10	-	10	-
MPS6512	N	TO-92A	350	100	30	50	100	2	10	0.5	50	100	3.5	2+
MPS6513	N	TO-92A	350	100	30	90	180	2	10	0.5	50	100	3.5	2+
MPS6514	N	TO-92A	350	100	25	150	300	2	10	0.5	50	100	3.5	2+
MPS6515	N	TO-92A	350	100	25	250	500	2	10	0.5	50	100	3.5	2+
MPS6516	P	TO-92A	350	100	40	50	100	2	10	0.5	50	100	4	2+
MPS6517	P	TO-92A	350	100	40	90	100	2	10	0.5	50	100	4	2+
MPS6518	P	TO-92A	350	100	40	150	300	2	10	0.5	50	100	4	2+
MPS6519	P	TO-92A	350	100	25	250	500	2	10	0.5	50	100	4	2+
MPS6520	N	TO-92A	360	100	25	200	400	2	10	0.5	50	-	3.5	3
MPS6521	N	TO-92A	360	100	25	300	600	2	10	0.5	50	-	3.5	3
MPS6522	P	TO-92A	360	100	25	200	400	2	10	0.5	50	-	3.5	3

# HFE groupings available □ hfe @ 1KHz + typical value