

# Low Level and General Purpose Amplifiers

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H <sub>FE</sub>		I <sub>C</sub> (mA)	V <sub>CE</sub> (V)	V <sub>CE(max)</sub>		f <sub>T</sub> min (MHz)	C <sub>ob</sub> max (MHz)	N.F. max (dB)
			P <sub>i</sub> (mW)	I <sub>C</sub> (mA)	V <sub>CEO</sub> (V)	min	max			max (V)	I <sub>C</sub> (mA)			
MPS6523	P	TO-92A	360	100	25	300	600	2	10	0.5	50	-	3.5	3
MPS6565	N	TO-92A	360	200	45	40	160	10	10	0.4	10	200	3.5	-
MPS6566	N	TO-92A	360	200	45	100	400	10	10	0.4	10	200	3.5	-
MPS6571	N	TO-92A	360	50	20	250	1000	0.1	5	0.5	10	50	4.5	-
MPS6573	N	TO-92A	360	100	35	200	500	10	5	0.5	10	100	12	-
MPS6574	N	TO-92A	360	100	35	100	300 #	1	5	0.5	10	100	12	-
MPS6575	N	TO-92A	360	100	45	200	500	10	5	0.5	10	100	12	-
MPS6576	N	TO-92A	360	100	45	100	300 #	1	5	0.5	10	100	12	-
MPS8097	N	TO-92A	350	200	40	250	700	0.1	5	-	-	250	4	2
MPS8098	N	TO-92A	350	200	60	100	300	1	5	0.3	100	100	6	-
MPS8598	P	TO-92A	350	200	60	100	300	1	5	0.3	100	100	8	-
MPS9410	N	TO-92A	350	500	12	60	400 #	50	1	0.5	250	200+	4+	-
MPS9411	N	TO-92A	350	500	18	60	400 #	50	1	0.5	250	200+	4+	-
MPS9412	N	TO-92A	350	500	25	60	400 #	50	1	0.5	250	200+	4+	-
MPS9460	P	TO-92A	350	500	12	60	400 #	50	1	0.5	250	150+	4.7+	-
MPS9461	P	TO-92A	350	500	18	60	400 #	50	1	0.5	250	150+	4.7+	-
MPS9462	P	TO-92A	350	500	25	60	400 #	50	1	0.5	250	150+	4.7+	-
MPS9600	N	TO-92A	300	100	12	25	300 #	1	5	0.5	10	50	4	-
MPS9601	N	TO-92A	300	100	18	25	300 #	1	5	0.5	10	50	4	-
MPS9602	N	TO-92A	300	100	30	25	300 #	1	5	0.5	10	50	4	-
MPS9630	N	TO-92A	350	100	12	45	600 #	1	5	0.5	30	-	-	-
MPS9631	N	TO-92A	350	100	18	45	600 #	1	5	0.5	30	-	-	-
MPS9632	N	TO-92A	350	100	30	45	600 #	1	5	0.5	30	-	-	-
MPS9633	N	TO-92A	310	50	30	250	1800 #	2	5	0.5	10	150	3.5	2.5
MPS9634	N	TO-92A	310	50	30	250	1800 #	2	5	0.5	10	150	3.5	2+
MPSA09	N	TO-92A	350	50	50	100	600 #	0.1	5	0.9	10	30	5	-
MPSA10	N	TO-92A	210	100	40	40	400	5	10	-	-	20	4	-
MPSA18	N	TO-92A	350	200	45	500	1500	10	5	0.3	50	100	3	1.5
MPSA20	N	TO-92A	350	100	40	40	400 #	5	10	0.25	10	125	4	-
MPSA70	P	TO-92A	350	100	40	40	400 #	5	10	0.25	10	125	4	-
MPSD06	N	TO-92A	350	50	25	50	-	50	5	0.3	50	100	-	-
MPSD56	P	TO-92A	350	50	25	50	-	50	5	0.3	50	100	-	-
PN930	P	TO-92A	300	100	45	100	300	0.01	5	1	10	30	8	3
PN1711	N	TO-92A	300	100	32	100	300	150	10	1.5	150	70	25	-
PN3548	P	TO-92A	300	100	45	100	300	0.01	5	1	10	60	8	4
PN3565	N	TO-92A	300	50	25	150	600	1	10	0.35	1	40	4	-
PN3566	N	TO-92A	600	200	30	150	600	10	10	1	100	40	25	-
PN3694	N	TO-92A	600	30	45	100	450	10	1	0.2+	100	200	6	-
PN4294	P	TO-92A	200	100	60	100	300	0.1	5	0.25	10	40	6	3
PN4250	P	TO-92A	200	100	40	250	700	0.1	5	0.25	10	50	6	2
PN5138	P	TO-92A	300	50	30	50	800	0.1	10	0.3	10	30	7	-
TIS60	N	TO-92B	300	400	25	100	300	50	2	0.6	100	200+	4.2+	-
TIS61	P	TO-92B	300	400	25	100	300	50	5	0.25	50	150+	5+	-
TIS90	N	TO-92B	625	400	40	100	300	50	2	0.25	50	200+	4.2+	-
TIS91	P	TO-92B	625	400	40	100	300	50	2	0.25	50	150+	5+	-
TIS92	N	TO-92F	625	400	40	100	300	50	2	0.25	50	200+	4.2+	-
TIS93	P	TO-92F	625	400	40	100	300	50	2	0.25	50	150+	5+	-
TIS97	N	TO-92F	360	200	40	250	700	0.1	5	0.5	100	200	4	3
TIS98	N	TO-92F	360	200	60	100	300	1	5	0.5	100	200	4	-
ZT87	N	TO-18	300	500	25	75	250	10	6	0.2	10	150	5	-
ZT187	P	TO-18	300	500	25	75	250	10	6	0.2	10	70	15	-
2N703	N	TO-18	300	50	25	40	100	10	5	0.5	10	70	6	-
2N760	N	TO-18	500	50	25	40	100	10	5	0.5	10	70	6	-
2N841	N	TO-18	500	100	45	76	333 □	5	1	10	50	8	-	-
2N929	N	TO-18	300	1000	45	60	400	10	5	2	10	40	15	-

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