

Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H _{FE}		I _C (mA)	V _{CE} (V)	V _{CE(sat)}		f _T (MHz)	C _{ob} max (MHz)	COMPLEMENTARY TYPE
			P _d (mW)	I _C (A)	V _{CEO} (V)	min	max			max (V)	I _C (A)			
MPS6591	N	TO-92A	625	0.25	50	40	-	10	10	0.6	0.01	60	12	-
MPS8000	N	TO-92A	625	0.5	60	30	-	100	2	0.3	0.1	-	-	-
MPS9416	N	TO-92A	625	0.6	18	50	300 #	350	1	0.55	0.5	-	-	MPS9466
MPS9416A	N	TO-92A	625	1	18	50	300 #	350	1	0.55	0.5	300+	5.5+	MPS9466A
MPS9417	N	TO-92A	625	0.6	25	50	300 #	350	1	0.55	0.5	-	-	MPS9647
MPS9417A	N	TO-92A	625	1	25	50	300 #	350	1	0.55	0.5	300+	5.5+	MPS9647A
MPS9418	N	TO-92A	625	1.5	25	80	300 #	350	4	0.6	1	300+	6+	MPS9468
MPS9434	N	TO-92A	625	0.6	50	45	600	50	1	1.1	0.1	200+	4+	MPS9484
MPS9466	P	TO-92A	625	0.6	18	50	300 #	350	1	0.55	0.5	-	-	MPS9416
MPS9466A	P	TO-92A	625	1	18	50	300 #	350	1	0.55	0.5	300+	12+	MPS9416A
MPS9467	P	TO-92A	625	0.6	25	50	300 #	350	1	0.55	0.5	300+	-	MPS9417
MPS9467A	P	TO-92A	625	1	25	50	300 #	350	1	0.55	0.5	300+	12+	MPS9417A
MPS9468	P	TO-92A	625	1.5	25	80	300 #	350	1	0.6	1	200+	18+	MPS9418
MPS9484	P	TO-92A	625	0.6	50	45	600	50	4	1.1	0.1	100+	4.7+	MPS434
MPSA05	N	TO-92A	625	0.5	60	50	-	100	1	0.25	0.1	50	20	MPSA55
MPSA06	N	TO-92A	625	0.5	80	50	-	100	1	0.25	0.1	50	20	MPSA56
MPSA55	P	TO-92A	625	0.5	60	50	-	100	1	0.25	0.1	100	20	MPSA05
MPSA56	P	TO-92A	625	0.5	80	50	-	100	1	0.25	0.1	100	20	MPSA06
MPSD05	N	TO-92A	350	0.5	25	50	-	50	5	0.5	0.1	100	-	MPSD55
MPSD55	P	TO-92A	350	0.5	25	50	-	50	5	0.5	0.1	100	-	MPSD05
MSB492	P	TO-92A	625	2	25	80	360 #	200	1	0.5	1	100+	28+	-
PN2221	N	TO-92A	500	0.8	30	40	120	150	10	1.6	0.5	250	8	PN2906
PN2221A	N	TO-92A	500	0.8	40	40	120	150	10	1	0.5	250	8	PN2906A
PN2222	N	TO-92A	500	0.8	30	100	300	150	10	1.6	0.5	250	8	PN2907
PN2222A	N	TO-92A	500	0.8	40	100	300	150	10	1	0.5	300	8	PN2907A
PN2906	P	TO-92A	400	0.6	40	40	120	150	10	1.6	0.5	200	8	PN2221
PN2906A	P	TO-92A	400	0.6	60	40	120	150	10	1.6	0.5	200	8	PN2221A
PN2907	P	TO-92A	400	0.6	40	100	300	150	10	1.6	0.5	200	8	PN2222
PN2907A	P	TO-92A	400	0.6	60	100	300	150	10	1.6	0.5	200	8	PN2222A
PN3567	N	TO-92A	625	1	40	40	120	150	1	0.25	0.15	60	20	MPS4345
PN3568	N	TO-92A	625	1	60	40	120	150	1	0.25	0.15	60	20	MPS4356
PN3569	N	TO-92A	625	1	40	100	300	150	1	0.25	0.15	60	20	MPS4355
PN3638	P	TO-92A	625	0.5	25	30	-	50	1	1	0.3	100	20	-
PN3638A	P	TO-92A	625	0.5	25	100	-	50	1	1	0.3	100	10	-
PN3641	N	TO-92A	600	0.5	30	40	120	150	10	0.22	0.15	250	8	-
PN3642	N	TO-92A	600	0.5	45	40	120	150	10	0.22	0.15	250	8	-
PN3643	N	TO-92A	600	0.5	30	100	300	150	10	0.22	0.15	250	8	-
PN3644	P	TO-92A	600	0.5	45	100	300	150	10	0.4	0.15	200	8	-
PN3645	P	TO-92A	600	0.5	60	100	300	150	10	0.4	0.15	200	8	-
PN4355	P	TO-92A	600	0.5	60	100	400	10	10	1	1	100	30	-
PN4356	P	TO-92A	600	0.5	80	50	250	10	10	0.5	0.5	100	30	-
2N656	N	TO-39	800	0.6	60	30	90	200	10	4	0.2	40	20	-
2N697	N	TO-39	600	0.5	40*	40	120	150	10	1.5	0.15	50	35	-
2N699	N	TO-39	600	1	80*	40	120	150	10	5	0.15	50	20	-
2N699A	N	TO-39	800	1	80*	40	120	150	10	5	0.15	50	20	-
2N699B	N	TO-39	800	1	80*	40	120	150	10	5	0.15	60	15	-
2N718	N	TO-18	400	0.5	40*	40	120	150	10	1.5	0.15	50	25	-
2N718A	N	TO-18	500	0.5	50*	40	120	150	10	1.5	0.15	60	25	-
2N720A	N	TO-18	500	1	80	40	120	150	10	5	0.15	50	15	-
2N721	P	TO-18	400	0.5	35	20	45	150	10	1.5	0.15	50	45	-
2N911	N	TO-18	500	0.5	60	35	-	10	10	1.2	0.05	50	15	-
2N956	N	TO-18	500	0.5	50*	100	300	150	10	1.5	0.15	70	25	-
2N1132	P	TO-39	600	0.6	35	30	90	150	10	1.5	0.15	60	45	-
2N1420	N	TO-39	600	1	30*	100	300	150	10	1.5	0.15	50	35	-
2N1507	N	TO-39	600	1	30*	100	300	150	10	1.5	0.15	50	35	-

HFE grouping available + typical value □ Tc=25°C * VCER