

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)			
BSX48	N	TO-18	1000□	0.6	25	17	-	100	1	1.5	0.5	250	6	-
BSX95	N	TO-39	800	0.5	30	40	120	150	10	0.2	0.15	100	25	-
BSX96	N	TO-39	800	0.5	30	100	300	150	10	0.2	0.15	100	25	-
BSX97	N	TO-18	400	0.5	25	40	-	150	10	0.45	0.15	200	8	-
BSY44	N	TO-39	800	1	50	40	120	150	10	1.5	0.15	60	25	-
BSY45	N	TO-39	800	1	80	40	120	150	10	5	0.15	50	15	-
BSY46	N	TO-39	800	1	50	40	120	150	10	0.35	0.15	50	20	-
BSY51	N	TO-39	800	0.5	25	40	120	150	10	0.8	0.15	100	10	-
BSY52	N	TO-39	800	0.5	25	100	300	150	10	0.8	0.15	100	10	-
BSY53	N	TO-39	900	0.75	30	40	120	150	10	1.2	0.5	100	10	-
BSY54	N	TO-39	800	0.75	30	100	300	150	10	1.2	0.5	145	10	-
BSY55	N	TO-39	800	0.5	80	40	120	150	10	0.6	0.15	100	10	-
BSY56	N	TO-39	800	0.5	80	100	300	150	10	0.6	0.15	145	10	-
BSY71	N	TO-39	800	1	50	100	300	150	10	1.5	0.15	50	25	-
BSY81	N	TO-39	800	1	18	40	120	150	10	1.2	1	100	15	-
BSY82	N	TO-39	900	1	18	100	300	150	10	1.2	1	100	15	-
BSY83	N	TO-39	900	1	35	40	120	150	10	1.2	1	100	15	-
BSY84	N	TO-39	900	1	35	100	300	150	10	1.2	1	100	15	-
BSY85	N	TO-39	900	1	64	40	120	150	10	1.2	1	100	15	-
BSY86	N	TO-39	900	1	64	100	300	150	10	1.2	1	100	15	-
BSY87	N	TO-39	800	0.5	60	40	120	150	10	0.6	0.15	100	10	-
BSY88	N	TO-39	800	0.5	25	100	300	150	10	0.6	0.15	100	10	-
BSY90	N	TO-39	800	0.5	60	250	-	150	10	0.8	0.15	170	10	-
BSY91	N	TO-39	800	0.5	25	30	-	5	10	1	0.02	50	25	-
BSY92	N	TO-39	800	0.3	40	60	-	10	2	1.5	0.05	50	25	-
CL055	P	TO-92A	625	1.5	20	50	360 #	100	1	0.4	0.5	120+	-	CL066
CL066	N	TO-92A	625	1.5	20	50	360 #	100	1	0.4	0.5	120+	-	CL055
CL155	P	TO-92A	625	2	25	50	360 #	100	1	0.45	1	120+	-	CL166
CL166	N	TO-92A	625	2	25	50	360 #	100	1	0.45	1	120+	-	CL155
CL168	N	TO-92B	625	3	15	180	-	100	1	0.6	1	120+	40+	-
CL169	N	TO-92B	625	3	15	180	360	100	1	0.4	1	100+	40+	-
CL266	N	TO-92A	625	2	60	45	-	100	10	0.5	0.5	-	-	-
KM9012	P	TO-92A	500	0.6	20	64	350 #	50	1	0.6	0.25	150+	4.7+	KM9013
KM9013	N	TO-92A	500	0.6	20	64	350 #	50	1	0.6	0.25	200+	4+	KM9012
MA8001	N	TO-39	800	0.5	30	30	-	150	110	0.5	0.15	100	12	-
MA8002	N	TO-39	800	0.5	80	40	200	150	10	0.3	0.15	100	10	-
MA8003	N	TO-39	800	0.5	60	100	350	150	10	0.3	0.15	100	10	-
MPS3702	P	TO-92A	360	0.2	25	60	300	50	5	0.25	0.05	100	12	MPS3704
MPS3703	P	TO-92A	360	0.2	30	50	150	50	5	0.25	0.05	100	12	MPS3706
MPS3704	N	TO-92A	360	0.8	30	100	300	50	2	0.6	0.1	100	12	MPS3702
MPS3705	N	TO-92A	360	0.8	30	50	150	50	2	0.8	0.1	100	12	MPS3702
MPS3706	N	TO-92A	360	0.8	20	30	600	50	2	1	0.1	100	12	MPS3703
MPS4354	P	TO-92A	625	1	60	50	500	10	10	0.5	0.5	100	30	PN3567
MPS4355	P	TO-92A	625	1	60	100	400	10	10	0.5	0.5	100	30	PN3569
MPS4356	P	TO-92A	625	1	80	50	250	10	10	0.5	0.5	100	30	PN3568
MPS6530	N	TO-92A	500	0.6	40	40	120	100	1	0.5	0.1	250+	5	MPS6533
MPS6531	N	TO-92A	500	0.6	40	90	270	100	1	0.5	0.1	250+	5	MPS6534
MPS6532	N	TO-92A	500	0.6	30	30	-	100	1	0.5	0.1	250+	5	MPS6535
MPS6533	P	TO-92A	500	0.6	40	40	120	100	1	0.5	0.1	250+	6	MPS6530
MPS6534	P	TO-92A	500	0.6	40	90	270	100	1	0.3	0.1	250+	6	MPS6531
MPS6535	P	TO-92A	500	0.6	30	30	-	100	1	0.5	0.1	250+	6	MPS6532
MPS6560	N	TO-92A	625	0.6	25	50	200	500	1	0.5	0.5	60	30	MPS6562
MPS6561	N	TO-92A	625	0.6	20	50	200	350	1	0.5	0.35	60	30	MPS6563
MPS6562	P	TO-92A	625	0.6	25	50	200	350	1	0.5	0.5	60	30	MPS6560
MPS6563	P	TO-92A	625	0.6	20	50	200	350	1	0.5	0.35	60	30	MPS6561

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