

# Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H <sub>FE</sub>				V <sub>CE(sat)</sub>		f <sub>T</sub>	C <sub>ob</sub>	COMPLEMENTARY TYPE
			P <sub>d</sub> (mW)	I <sub>C</sub> (A)	V <sub>CEO</sub> V <sub>CER</sub> *	min max		I <sub>C</sub> (mA)	V <sub>CE</sub> (V)	max (V)	I <sub>C</sub> (A)	min (MHz)	max (MHz)	
BFX41	P	TO-39	800	1	75	85	-	100	5	0.5	0.5	100	20	-
BFX84	N	TO-39	800	1	60	30	-	150	10	0.35	0.15	50	12	-
BFX85	N	TO-39	800	1	60	70	-	150	10	0.35	0.15	100	12	-
BFX86	N	TO-39	800	1	35	70	-	150	10	0.35	0.15	100	12	-
BFX87	P	TO-39	600	0.6	50	40	-	150	10	0.4	0.15	250	12	-
BFX88	P	TO-39	600	0.6	40	40	-	150	10	0.4	0.15	250	8	-
BFY40	N	TO-39	800	0.8	30	40	-	10	10	1.85	0.15	-	-	-
BFY41	N	TO-39	800	0.6	60	35	-	50	10	5	0.05	-	-	-
BFY46	N	TO-39	2600 //	0.5	30	100	300	150	10	1.5	0.15	-	-	-
BFY50	N	TO-39	800	1	35	30	112 +	150	10	0.2	0.15	60	12	-
BFY51	N	TO-39	800	1	30	40	-	150	10	0.35	0.15	50	12	-
BFY52	N	TO-39	800	1	20	60	-	150	10	0.35	0.15	50	12	-
BFY53	N	TO-39	800	1	20	30	-	150	10	0.35	0.15	50	-	-
BFY55	N	TO-39	800	1	35	40	-	150	6	0.2	0.15	60	-	-
BFY56	N	TO-39	800	1	45	30	150	150	1	1.2	1	40	25	-
BFY56A	N	TO-39	800	1	55	40	120	150	1	1.2	1	60	25	-
BFY64	P	TO-39	700	-	40	80	-	10	10	1.8	0.5	200	10	-
BFY67	N	TO-39	800	0.5	30	40	120	150	10	1.5	0.15	60	25	-
BFY68	N	TO-39	800	0.5	30	100	300	150	10	1.5	0.15	70	25	-
BFY72	N	TO-39	800	-	28	40	150	150	10	0.7	0.5	250	8	-
BFY94	P	TO-39	3000 //	-	40	40	-	0.1	10	0.4	0.05	100	20	-
BSX45	N	TO-39	5000 //	1	40	40	250 #	100	1	1	1	50	25	-
BSX46	N	TO-39	5000 //	1	60	40	250 #	100	1	1	1	50	20	-
BSX47	N	TO-39	5000 //	1	80	40	160 #	100	1	0.9	0.5	50	15	-
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	-
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	-
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
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