

Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H _{FE}				V _{CE(SAT)}		f _T min (MHz)	Cob max (pF)	COMPLEMENTARY TYPE
			P _d (mW)	I _C (A)	V _{CEO} (V)	min	max	I _C (mA)	V _{CE} (V)	max (V)	I _C (A)			
BFX29	P	TO-39	600	0.6	60	50	125	10	10	0.4	0.15	100	12	-
BFX30	P	TO-39	600	0.6	65	50	200	10	0.4	-	-	100	12	-
BFX35	P	TO-18	360	-	40	80	-	10	10	0.3	0.05	200	10	-
BFX38	P	TO-39	800	1	55	85	-	100	5	0.5	0.5	100	20	-
BFX39	P	TO-39	800	1	55	40	-	100	5	0.5	0.5	100	20	-
BFX40	P	TO-39	800	1	75	40	-	100	5	0.5	0.5	100	20	-
BFX41	P	TO-39	800	1	75	85	-	100	5	0.5	0.5	100	20	-
BFX68	N	TO-39	700	-	30	100	300	150	10	1.5	0.15	70	25	-
BFX69	N	TO-39	800	-	30	40	120	150	10	1.5	0.15	60	25	-
BFX69A	N	TO-39	800	-	40	40	-	150	10	1.2	0.5	60	20	-
BFX74	P	TO-39	600	-	35	30	90	150	10	1.5	0.15	60	45	-
BFX74A	P	TO-39	800	-	60	30	-	150	10	0.3	0.15	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	7	-	150	10	0.35	0.15	50	12	-
BFX86	N	TO-39	800	1	35	70	-	150	10	0.35	0.15	50	12	-
BFX87	P	TO-39	600	0.6	50	40	-	150	10	0.4	0.15	100	12	-
BFX88	P	TO-39	600	0.6	40	40	-	150	10	0.4	0.15	100	12	-
BFX94	N	TO-18	500	0.8	30	40	120	150	10	1.6	0.5	250	8	-
BFX94A	N	TO-18	400	0.8	30	35	-	10	10	0.22	0.15	250	8	-
BFX95	N	TO-18	500	0.8	30	100	300	150	10	1.6	0.5	250	8	-
BFX95A	N	TO-18	400	0.8	30	100	300	150	10	0.22	0.15	250	8	-
BFX96	N	TO-39	500	0.8	30	40	120	150	10	1.6	0.5	250	8	-
BFX96A	N	TO-39	800	0.8	30	40	120	150	10	0.22	0.15	250	8	-
BFX97	N	TO-39	500	0.8	30	100	300	150	10	1.6	0.5	250	8	-
BFX97A	N	TO-39	800	0.8	30	100	300	150	10	0.22	0.15	250	8	-
BFY33	N	TO-39	800	0.5	24	40	-	150	10	1.5	0.5	40	20	-
BFY34	N	TO-39	800	0.5	30	40	120	150	10	1.5	0.5	60	25	-
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	-
BSS59	N	TO-18	500	1	80	300+	-	150	10	0.2	0.15	100	12	-
BSV15	P	TO-39	5000▲	1	40	40	250#	100	1	1	0.5	50	30	-
BSV16	P	TO-39	5000▲	1	60	40	250#	100	1	1	0.5	50	30	-
BSV17	P	TO-39	5000▲	1	80	40	160#	100	1	1	0.5	50	25	-
BSV82	P	TO-39	5000▲	1	80	30	-	150	0.5	0.5	0.5	-	-	-
BSV84	N	TO-39	800	1	70	40	-	150	1	1	0.5	60	25	-
BSW39	N	TO-39	790	1	80	40	250#	100	1	0.4	0.5	50	20	-
BSW40	P	TO-39	790	1	80	40	400#	100	1	0.4	0.5	50	20	-
BSW51	N	TO-39	800	0.8	30	40	120	150	10	0.4	0.15	250	8	-
BSW52	N	TO-39	800	0.8	30	100	300	150	10	0.4	0.15	250	8	-
BSW53	N	TO-39	800	0.8	40	40	120	150	10	0.3	0.15	250	8	-

▲ T_c = 25°C # H_{FE} groupings available + Typical value