

# Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H <sub>FE</sub>		I <sub>C</sub> (mA)	V <sub>CE</sub> (V)	V <sub>CE(sat)</sub>		f <sub>T</sub> (MHz)	C <sub>ob</sub> max (MHz)	COMPLEMENTARY TYPE
			P <sub>d</sub> (mW)	I <sub>C</sub> (A)	V <sub>CEO</sub> (V)	min	max			max (V)	I <sub>C</sub> (A)			
BCW97	P	TO-92F	540	0.4	40	100	300 #	50	2	0.25	0.05	135	10	BCW95
BCX25	N	TO-92F	350	0.2	60	70	400	10	5	0.25	0.1	100	6	BCX26
BCX26	P	TO-92F	350	0.2	60	70	400	10	5	0.25	0.1	100	6	BCX25
BCX40	N	TO-39	1000	2	80	40	250	500	4	1	0.5	50	-	-
BCX45	N	TO-92F	625	1	45	50	-	100	2	0.5	0.5	100	12	-
BCX46	P	TO-92F	625	1	45	50	-	100	2	0.5	0.5	60	15	-
BCX47	N	TO-92F	625	1	45	50	-	100	2	0.5	0.5	100	12	-
BCX48	P	TO-92F	625	1	45	50	-	100	2	0.5	0.5	60	15	-
BCX49	N	TO-92F	625	1	80	50	-	100	2	0.5	0.5	100	12	-
BCX50	P	TO-92F	625	1	80	50	-	100	2	0.5	0.5	60	15	-
BCX60	N	TO-39	1000	2	80	40	250	500	4	1	0.5	50	-	-
BCX73	N	TO-92F	625	0.8	32	100	630 #	100	1	1.4	0.5	100	12	-
BCX74	N	TO-92F	625	0.8	45	100	630 #	100	1	1.4	0.5	100	12	-
BCX75	P	TO-92F	625	0.8	32	100	630 #	100	1	1.4	0.5	100	18	-
BCX76	P	TO-92F	625	0.8	45	100	630 #	100	1	1.4	0.5	100	18	-
BFR10	N	TO-39	800	-	40	60	120	150	10	0.22	0.15	250	8	-
BFR11	N	TO-18	400	-	40	60	120	150	10	0.22	0.15	250	8	-
BFR18	N	TO-18	500	0.5	55	60	180	150	1	0.25	0.15	60	20	-
BFR19	N	TO-39	800	1	35	40	120	150	1	0.25	0.15	60	20	-
BFR20	N	TO-39	800	1	35	90	450	150	1	0.25	0.15	60	20	-
BFR21	N	TO-39	800	1	70	40	-	150	1	0.25	0.15	60	20	-
BFR22	N	TO-39	5000□	1	65	40	120	150	10	0.15	0.15	-	15	-
BFR23	P	TO-39	7000□	1	65	40	140	150	10	0.65	0.15	-	30	-
BFR24	P	TO-39	7000□	1	40	50	250	150	10	1.4	0.15	-	30	-
BFR41	N	TO-92B	800	1	50	100	-	100	10	0.5	1	100+	10+	-
BFR77	N	TO-39	800	1	80	40	120	150	10	0.5	0.15	50	15	-
BFR79	P	TO-92B	800	1	80	50	-	100	10	1.6	1	100+	12+	-
BFS92	P	TO-39	300	0.2	60	30	-	150	10	0.25	0.01	40	20	-
BFS93	P	TO-39	800	1	60	70	-	150	10	0.35	0.15	40	20	-
BFS94	P	TO-39	800	1	40	40	-	150	10	0.2	0.15	40	20	-
BFS95	P	TO-39	800	1	40	70	-	150	10	0.2	0.15	40	20	-
BFT29	N	TO-18	360	1	80	50	250	100	10	0.95	0.5	100	10	-
BFT30	N	TO-18	360	1	60	75	250	100	10	0.75	0.5	100	10	-
BFT31	N	TO-18	360	1	50	100	300	100	10	0.75	0.5	100	10	-
BFT39	N	TO-18	800	1	80	50	250	100	10	0.16	1	100	10	BFT79
BFT40	N	TO-39	800	1	60	75	250	100	10	1.0	1	100	10	BFT80
BFT41	N	TO-39	800	1	50	100	300	100	10	1.0	1	100	10	BFT81
BFW24	N	TO-39	800	1	60	40	120	150	1	1.0	1	60	25	-
BFW25	N	TO-39	800	1	40	100	300	150	1	1.0	1	70	25	-
BFW26	N	TO-39	800	1	40	40	120	150	1	1.0	1	60	25	-
BFW29	N	TO-39	600	0.4	30	45	-	6	15	0.5	0.15	40	25	-
BFW31	P	TO-18	500	0.7	30	70	-	100	10	0.4	0.1	-	12	-
BFW32	N	TO-18	500	0.7	30	70	-	100	10	0.4	0.1	-	12	-
BFW33	N	TO-39	800	-	80	40	120	150	10	5	0.15	50	15	-
BFW34	N	TO-39	600	0.2	30	45	-	6	15	0.5	0.05	70	10	-
BFW35	N	TO-39	600	0.2	30	80	150	6	15	0.5	0.05	70	10	-
BFW80	N	TO-39	600	0.2	30	90	-	6	15	0.5	0.05	70	10	-
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	-

# HFE grouping available + typical value □ T<sub>c</sub>=25°C \* VCER