

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)			
BC431	N	TO-92F	625	0.8	60	63	240 #	100	1	0.7	0.5	100+	12+	BC432
BC432	P	TO-92F	625	0.8	60	63	240 #	100	1	0.7	0.5	100+	17+	BC431
BC440	N	TO-39	1000	1	40	40	250 #	500	4	1	1	50	25	BC460
BC441	N	TO-39	1000	1	60	40	250 #	500	4	1	1	50	25	BC461
BC445	N	TO-92F	625	0.3	60	50	460 #	2	5	0.25	0.1	100	3+	BC446
BC446	P	TO-92F	625	0.3	60	50	460 #	2	5	0.25	0.1	100	3+	BC445
BC460	P	TO-39	1000	1	40	40	250 #	500	4	1	1	50	25	BC440
BC461	P	TO-39	1000	1	60	40	250 #	500	4	1	1	50	25	BC441
BC485	N	TO-92F	625	1	45	60	400 #	100	2	0.5	0.5	200+	7+	BC486
BC486	P	TO-92F	625	1	45	60	400 #	100	2	0.5	0.5	150+	9+	BC485
BC487	N	TO-92F	625	1	60	60	400 #	100	2	0.5	0.5	200+	7+	BC488
BC488	P	TO-92F	625	1	60	60	400 #	100	2	0.5	0.5	150+	9+	BC487
BC489	N	TO-92F	625	1	80	60	400 #	100	2	0.5	0.5	200+	7+	BC490
BC490	P	TO-92F	625	1	80	60	400 #	100	2	0.5	0.5	150+	9+	BC489
BC512	P	TO-92F	300	0.2	45	60	300 #	2	5	0.6	0.1	200	5+	—
BC513	P	TO-92F	300	0.2	45	80	400 #	2	5	0.6	0.1	200	5+	—
BC514	P	TO-92F	300	0.2	20	140	400 #	2	5	0.6	0.1	200	5+	—
BC526	P	TO-92A	625	0.2	50	60	800 #	2	5	0.6	0.1	100	5	—
BC527	P	TO-92A	625	1	60	40	400 #	100	1	0.7	0.5	100	15	BC537
BC528	P	TO-92A	625	1	80	40	400 #	100	1	0.7	0.5	100	15	BC538
BC534	P	TO-92A	625	0.5	80	50	—	10	1	0.25	0.1	50	6.5	BC535
BC535	N	TO-92A	625	0.5	80	50	—	10	1	0.25	0.1	50	6	BC534
BC537	N	TO-92A	625	1	60	40	400 #	100	1	0.7	0.5	100	15	BC527
BC538	N	TO-92A	625	1	80	40	400 #	100	1	0.7	0.5	100	15	BC528
BC612	P	TO-92F	300	0.2	70	60	300	2	5	0.72	0.02	200	10	BC682
BC612L	P	TO-92B	300	0.2	70	60	300	2	5	0.72	0.02	200	10	BC682L
BC635	N	TO-92B	700	1	45	40	250	150	2	0.5	0.5	50	11+	BC636
BC636	P	TO-92B	700	1	45	40	250	150	2	0.5	0.5	50	18+	BC635
BC637	N	TO-92B	700	1	60	40	160	150	2	0.5	0.5	50	11+	BC638
BC638	P	TO-92B	700	1	60	40	160	150	2	0.5	0.5	50	18+	BC637
BC639	N	TO-92B	700	1	80	40	160	150	2	0.5	0.5	50	11+	BC640
BC640	P	TO-92B	700	1	80	40	160	150	2	0.5	0.5	50	18+	BC639
BC727	P	TO-92A	625	1.5	40	63	630 #	100	1	0.7	0.5	40	20	BC737
BC728	P	TO-92A	625	1.5	25	63	630 #	100	1	0.7	0.5	40	20	BC738
BC737	N	TO-92A	625	1.5	40	63	630 #	100	1	0.7	0.5	40	20	BC727
BC738	N	TO-92A	625	1.5	25	63	630 #	100	1	0.7	0.5	40	20	BC728
BCW34	N	TO-18	360	0.6	45	100	350	10	5	0.1	0.01	150	6	BCW35
BCW35	P	TO-18	360	0.6	45	100	350	10	5	0.1	0.01	150	6	BCW34
BCW36	N	TO-92F	360	0.6	45	100	350	10	5	0.1	0.01	150	6	BCW37
BCW37	P	TO-92F	360	0.6	45	100	350	10	5	0.1	0.01	150	6	BCW36
BCW73	N	TO-18	450	0.8	32	100	630 #	100	1	0.7	0.5	100	12	—
BCW74	N	TO-18	450	0.8	45	100	630 #	100	1	0.7	0.5	100	12	—
BCW75	P	TO-18	450	0.8	32	63	400 #	100	1	0.7	0.5	100	18	—
BCW76	P	TO-18	450	0.8	45	63	400 #	100	1	0.7	0.5	100	18	—
BCW77	N	TO-39	870	0.8	32	100	630 #	100	1	0.7	0.5	100	18	—
BCW78	N	TO-39	870	0.8	45	100	630 #	100	1	0.7	0.5	100	12	—
BCW79	P	TO-39	870	0.8	32	63	400 #	100	1	0.7	0.5	100	18	—
BCW80	P	TO-39	870	0.8	45	63	400 #	100	1	0.7	0.5	100	18	—
BCW90	N	TO-92F	610	0.8	40	100	400 #	150	2	0.25	0.15	100+	15	BCW92
BCW91	N	TO-92F	610	0.8	60	100	300 #	150	2	0.25	0.15	100+	15	BCW93
BCW92	P	TO-92F	610	0.8	60	100	300 #	150	2	0.25	0.15	135	15	BCW90
BCW93	P	TO-92F	610	0.8	60	100	300 #	150	2	0.25	0.15	135	10+	BCW91
BCW94	N	TO-92F	540	0.4	40	100	400 #	50	2	0.25	0.05	70+	8	BCW96
BCW95	N	TO-92F	540	0.4	60	100	300 #	50	2	0.25	0.05	70+	8	BCW97
BCW96	P	TO-92F	540	0.4	40	100	300 #	50	2	0.25	0.05	135	10	BCW94
BCW97	P	TO-92F	540	0.4	40	100	300 #	50	2	0.25	0.05	135	10	BCW95

H_{FE} groupings available + Typical value