

Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			HFE		IC (mA)	VCE (V)	VCE(sat)		fT (MHz)	Cob max (pF)	COMPLEMENTARY TYPE
			Pd (mW)	IC (A)	VCEO (V)	min	max			max (V)	(A)			
BC381	P	TO-92F	625	0.2	25	60	-	2.5	5	0.25	0.05	100	10	-
BC387	N	TO-92F	310	0.6	30	40	300	100	1	0.5	0.1	200	10	BC388
BC388	P	TO-92F	310	0.6	30	40	300	100	1	0.5	0.1	200	10	BC387
BC425	N	TO-92F	500	0.5	60	20	250	100	10	0.25	0.1	50	4+	BC427
BC427	P	TO-92F	500	0.5	60	20	250	100	10	0.25	0.1	50	4.7+	BC425
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	0.6	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	-

HFE grouping available + typical value