

# Low Level and General Purpose Amplifiers

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			HFE				VCE(sat)		fT (MHz)	Cob max (MHz)	N.F. max (dB)
			Pd (mW)	IC (mA)	VCEO (V)	min	max	IC (mA)	VCE (V)	max (V)	IC (mA)			
BC107	N	TO-18	300	100	45	110	450 #	2	5	0.6	100	150	6	10
BC108	N	TO-18	300	100	20	110	800 #	2	5	0.6	100	150	6	10
BC109	N	TO-18	300	100	20	110	800 #	2	5	0.6	100	150	6	4
BC110	N	TO-18	300	50	80	30	-	2	5	0.6	50	100+	5	-
BC113	N	TO-106	200	50	25	200	1000	1	5	0.35	1	60	4	3
BC114	N	TO-106	200	50	25	200	1000	1	5	0.35	1	70	4	3
BC132	N	TO-106	200	50	25	60	300	1	10	0.35	1	40	4	-
BC147	N	TO-92F	350	100	45	110	450 #	2	5	0.6	100	200+	4.5	10
BC148	N	TO-92F	350	100	20	110	800 #	2	5	0.6	100	200+	4.5	10
BC149	N	TO-92F	350	100	20	200	800 #	2	5	0.6	100	200+	4.5	10
BC135	P	TO-106	200	100	40	50	-	10	5	0.25	10	70+	4+	1+
BC154	P	TO-106	200	100	40	160	-	10	5	0.25	10	70+	4+	2.5
BC157	P	TO-92F	350	100	45	110	450 #	2	5	0.3	10	150+	3.5+	10
BC158	P	TO-92F	350	100	25	110	800 #	2	5	0.3	10	150+	3.5+	10
BC159	P	TO-92F	350	100	20	200	800 #	2	5	0.3	10	150+	3.5+	4
BC167	N	TO-92B	300	100	45	110	450 #	2	5	0.6	100	150	4.5	10
BC168	N	TO-92B	300	100	20	110	800 #	2	5	0.6	100	150	4.5	10
BC169	N	TO-92B	300	100	20	200	800 #	2	5	0.6	100	150+	4.5	4
BC170	N	TO-92F	300	100	20	36	600 #	1	1	0.25	1	100+	4+	10
BC171	N	TO-92F	300	100	45	125	500 □ #	2	5	0.6	100	150	6	10
BC172	N	TO-92F	300	100	25	125	900 □ #	2	5	0.6	100	150	6	10
BC173	N	TO-92F	300	100	25	125	900 □ #	2	5	0.6	100	150	6	10
BC174	N	TO-92F	300	100	64	110	800 #	2	5	0.6	100	150	10	10
BC177	P	TO-18	300	100	45	70	450 #	2	5	0.3	10	150	7	10
BC178	P	TO-18	300	100	25	70	800 #	2	5	0.3	10	100	7	10
BC179	P	TO-18	300	100	25	200	800 #	2	5	0.3	10	100	7	4
BC181	P	TO-92F	300	200	25	60	-	2.5	5	0.25	50	150+	4.7+	-
BC182	N	TO-92F	300	200	50	110	450 #	2	5	0.6	100	150	5	10
BC182L	N	TO-92B	300	200	50	110	450 #	2	5	0.6	100	150	5	10
BC183	N	TO-92F	300	200	50	110	800 #	2	5	0.6	100	150	5	10
BC183L	N	TO-92B	300	200	30	110	800 #	2	5	0.6	100	150	5	10
BC184	N	TO-92F	300	200	30	200	800 #	2	5	0.6	100	150	5	4
BC184L	N	TO-92B	300	200	30	200	800 #	2	5	0.6	100	150	5	4
BC186	P	TO-18	300	100	25	40	200	2	5	0.5	50	50	-	10
BC187	P	TO-18	300	100	25	100	500	2	5	0.5	50	150+	3.5+	10
BC190	N	TO-18	300	100	64	125	500 #	2	5	0.6	100	200+	6	10
BC192	P	TO-18	400	500	25	60	180	50	5	0.25	50	100	12	4
BC204	P	TO-106	300	100	45	70	450 #	2	5	0.3	10	100	4	10
BC205	P	TO-106	300	100	20	70	800 #	2	5	0.3	10	100	4	10
BC206	P	TO-106	300	100	20	200	800 #	2	5	0.3	10	100	4	4
BC207	N	TO-106	300	100	45	110	450 #	2	5	0.6	100	150	6	10
BC208	N	TO-106	300	100	25	110	800 #	2	5	0.6	100	150	6	10
BC209	N	TO-106	300	100	25	200	800 #	2	5	0.6	100	150	6	4
BC212	P	TO-92F	300	200	50	100	400 □ #	2	5	0.6	100	100	10	10
BC212L	P	TO-92B	300	200	50	100	400 □ #	2	5	0.6	100	100	10	10
BC213	P	TO-92F	300	200	30	100	600 □ #	2	5	0.6	100	100	10	10
BC213L	P	TO-92B	300	200	30	100	600 □ #	2	5	0.6	100	100	10	10
BC214	P	TO-92F	300	200	30	200	600 □ #	2	5	0.6	150	150	10	2
BC214L	P	TO-92B	300	200	30	200	600 □ #	2	5	0.6	100	150	10	2
BC224	P	TO-92B	250	30	30	150	450	1	5	0.7	10	150+	3.5+	-

# HFE groupings available □ hfe @ 1KHz + typical value