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Low Level and General Purpose Amplifiers

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H _{FE}				V _{CE(SAT)}		f _T min (MHz)	Cob max (pF)	N.F. max (dB)
			P _d (mW)	I _C (mA)	V _{CEO} (V)	min	max	I _C (mA)	V _{CE} (V)	max (V)	I _C (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	100	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	—
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+	—
BC225	P	TO-106	200	100	40	90	—	10	5	0.25	10	100	8	—
BC237	N	TO-92F	300	100	45	110	450 #	2	5	0.6	100	150	4.5	10
BC238	N	TO-92F	300	100	20	110	800 #	2	5	0.6	100	150	4.5	10
BC239	N	TO-92F	300	100	20	200	800 #	2	5	0.6	100	150	4.5	4
BC250	P	TO-92F	300	100	20	35	800 #	1	1	0.4+	30	100	6	—

#H_{FE} groupings available ▲hfe @ 1 KHz + Typical value