

RF-IF High Frequency Transistors

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H_{FE}				$V_{CE(SAT)}$		f_T min (MHz)	Cob Cre [•] 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)			
BF115	N	TO-72J	165	30	30	48	167	1	10	—	—	230+	0.8 •	3.5+
BF152	N	TO-106	200	—	12	20	—	3	10	0.5	10	600	1.2	—
BF153	N	TO-106	200	—	12	20	—	3	6	0.5	10	300	1.2	—
BF155	N	TO-72G	200	20	40	20	—	2.5	12	0.3	10	400	0.4+ •	9
BF158	N	TO-106	200	50	12	20	—	4	10	0.5	10	700+	1.2 •	3.5
BF159	N	TO-106	200	50	20	20	—	4	10	0.5	10	700+	1.2 •	3.5
BF160	N	TO-106	200	50	12	20	—	3	10	0.5	10	400	1.2 •	3.5
BF167	N	TO-72J	150	25	30	27	—	4	10	0.95	10	300+	—	—
BF173	N	TO-72J	260	25	25	38	—	7	10	—	—	350	0.3 •	—
BF180	N	TO-72G	150	20	20	45	—	2	10	—	—	675+	3.5	—
BF181	N	TO-72G	150	20	20	20	—	2	10	—	—	600+	0.9+	—
BF182	N	TO-72G	150	20	20	10	—	2	10	—	—	600+	1	7.4+
BF183	N	TO-72G	150	20	20	10	—	3	10	—	—	800+	1+	—
BF184	N	TO-72J	165	30	20	67	220	1	10	—	—	260+	0.9 •	4
BF185	N	TO-72J	165	30	20	36	125	1	10	—	—	200+	0.9 •	4
BF199	N	TO-92E	360	25	25	38	—	7	10	—	—	550+	0.32+ •	—
BF200	N	TO-72G	150	20	20	15	—	2	10	—	—	500+	0.5 •	5
BF224	N	TO-92E	360	50	30	30	—	7	10	0.15	10	300	0.3+ •	4
BF240	N	TO-92E	300	25	40	67	200	1	10	—	—	430+	0.34 •	3.5
BF241	N	TO-92E	300	25	40	36	125	1	10	—	—	400+	0.34 •	3.5
BF253	N	TO-92E	300	30	30	40	350 #	1	10	—	—	150	0.7+ •	1.5
BF254	N	TO-92E	300	30	20	67	220	1	10	0.1+	10	260+	0.85+ •	4
BF255	N	TO-92E	300	30	20	36	125	1	10	0.1+	10	200+	0.85+ •	4
BF271	N	TO-72J	250	25	25	30	—	10	10	0.13+	10	500+	0.22+ •	—
BF310	N	TO-92F	300	25	30	29	—	4	10	—	—	300+	1.6	—
BF311	N	TO-92E	300	25	25	40	—	15	10	—	—	750+	0.35 •	—
BF314	N	TO-92F	300	25	30	29	—	4	10	—	—	450+	0.13 •	—
BF368	N	TO-92A	310	50	15	35	125	1	10	0.4	10	250	1.7	—
BF369	N	TO-92A	310	50	20	70	220	1	10	0.4	10	400	1.7	—
BF374	N	TO-92C	350	100	25	70	250	1	10	0.07+	10	400	0.6	4+
BF375	N	TO-92C	350	100	25	35	120 #	1	10	0.07+	10	400	0.6	4+
BF494	N	TO-92E	300	30	20	67	220	1	10	0.1+	10	260+	0.85+ •	4+
BF495	N	TO-92E	300	30	20	36	125	1	10	0.1+	10	200+	0.85+ •	4+
BF562	N	TO-92F	250	20	20	20	—	3	10	—	—	600	—	3
BF594	N	TO-92E	250	30	25	65	220	1	10	—	—	260+	0.6+ •	1.4+
BF595	N	TO-92E	250	30	25	35	125	1	10	—	—	260+	0.6+ •	1.4+
BF597	N	TO-92E	360	25	25	38	—	7	10	—	—	550+	0.3+ •	—
BFS62	N	TO-72G	200	25	25	35	—	7	10	—	—	580	0.33 •	4
BFW41	N	TO-72G	200	—	15	40	80	3	1	0.4	10	600	3	4
BFW68	N	TO-18	360	—	40	40	—	10	1	0.15	10	250	4	6
BFW70	N	TO-72G	240	—	30	30	—	10	10	—	—	750	1.6+	2.6+
BFX60	N	TO-72G	230	25	25	50	—	7	10	—	—	400	0.3 •	5+
BFX73	N	TO-72G	200	50	15	20	—	3	1	0.4	10	600	1.7	6
BFX89	N	TO-72G	25	15	20	20	150	2	1	—	—	1000+	1.7	4
BFY74	N	TO-18	360	100	45	40	180	10	5	1	10	250	4	—
BFY75	N	TO-18	360	100	45	65	300	10	5	1	10	250	4	—
BFY78	N	TO-18	300	50	12	20	—	3	1	0.4	10	500	2.8	6
BFY79	N	TO-72G	300	—	30	30	—	4	10	—	—	400	1.6	5.5
BFY88	N	TO-72J	175	25	25	40	—	5	1	—	—	750	0.28 •	4
KM9016	N	TO-92A	300	50	20	28	198 #	1	5	0.5	10	500	1.6	3
KM9018	N	TO-92A	300	50	15	28	198 #	1	5	0.5	10	400	1.7	—

+ Typical value # H_{FE} groupings available