

Transistors, General

Type	Polarity	Material	P _{tot} Max. (mW)	f _T Typ. (MHz)	Absolute Max. Ratings				h _{FE}			T _J Max. (°C)	C _{OB} Max. (pF)	Case Outline	Lead Info.	Manufacturer
					V _{CE0} (V)	V _{CE0} (V)	V _{EB0} (V)	I _C (mA)	Min.	at mA	Max.					
BF441	PNP	Si	300	250	-40	-40	-4	25	30	1	125	150	-	TO-92	27	AEG
BF450	PNP	Si	150	325	-40	-40	-4	25	60	1	-	125	0.35	TO-92	27	ITT,M
BF451	PNP	Si	150	325	-40	-40	-4	25	30	1	-	125	0.35	TO-92	27	ITT,M
BF454	NPN	Si	200	250	35	25	4	20	65	1	-	125	0.8	TO-92	27	SGS
BF455	NPN	Si	200	250	35	25	4	20	35	1	125	125	0.8	TO-92	27	SGS
BF457	NPN	Si	6W	90	160	160	5	100	26	30	-	150	5.5	TO-126	20	AEG,M,N,SGS
BF458	NPN	Si	6W	90	250	250	5	100	26	30	-	150	5.5	TO-126	20	AEG,M,N,SGS
BF459	NPN	Si	6W	90	300	300	5	100	26	30	-	150	5.5	TO-126	20	AEG,M,N,SGS
BF469	NPN	Si	2W	60	250	250	5	20	50	25	-	150	1.8	TO-126	31	AEG,M
BF470	PNP	Si	2W	60	-250	-250	-5	30	50	25	-	150	1.8	TO-126	31	AEG,M
BF471	NPN	Si	2W	60	300	300	5	30	50	25	-	150	1.8	TO-126	31	AEG
BF472	PNP	Si	2W	60	-300	-300	-5	30	50	25	-	150	1.8	TO-126	31	AEG
BF479	PNP	Si	160	1800	-30	-25	-3	50	20	10	-	150	0.55	SOT-37/9	29	AEG,Mo,SGS
BF480	NPN	Si	140	1600	20	15	2	20	10	-	-	125	-	SOT-37/9	29	M
BF494	NPN	Si	300	260	30	20	5	30	115	1	-	150	-	TO-92	09	M
BF495	NPN	Si	300	200	30	20	5	30	67	1	-	150	-	TO-92	09	M
BF500	PNP	Si	200	200	-30	-30	-4	20	30	1	50	125	0.7	TO-106	28	SGS
BF506	PNP	Si	300	550	-40	-35	-4	30	25	3	-	150	0.6	TO-92	12	AEG,Mo,SGS
BF509	PNP	Si	300	750	-40	-35	-4	30	25	3	-	150	0.55	TO-92	12	AEG,Mo,SGS
BF516	PNP	Si	150	500	-40	-35	-4	20	25	3	-	175	0.5	TO-72	03	SGS
BF576	PNP	Si	200	1200	-20	-15	-10	50	30	10	-	150	-	TO-92	09	TI
BF594	NPN	Si	250	260	30	20	10	30	65	1	220	150	1.2	TO-92	32	TI
BF595	NPN	Si	250	200	30	20	10	30	35	1	125	150	1.2	TO-92	32	TI
BF597	NPN	Si	360	550	40	25	10	30	38	7	-	150	0.6	TO-92	32	TI
BF622	NPN	Si	1W	60	250	250	5	20	50	25	-	150	-	SOT-89	18	M
BF623	PNP	Si	1W	60	-250	-250	-5	20	50	25	-	150	-	SOT-89	18	M
BF679	PNP	Si	160	880	-40	-35	-3	30	25	3	-	150	0.5	TO-50	04	AEG,Mo,SGS
BF679S	PNP	Si	160	1100	-40	-35	-3	30	25	3	-	150	0.5	TO-50	04	AEG
BF680	PNP	Si	160	750	-40	-35	-3	30	25	3	-	150	0.5	TO-50	04	AEG,Mo,SGS
BF857	NPN	Si	6W	90	160	160	5	100	26	30	-	150	-	TO-202	33	M
BF858	NPN	Si	6W	90	250	250	5	100	26	30	-	150	-	TO-202	33	M
BF859	NPN	Si	6W	90	300	300	5	100	26	30	-	150	-	TO-202	33	M
BF869	NPN	Si	5W	60	250	250	5	50	50	25	-	150	-	TO-202	33	M
BF870	PNP	Si	5W	60	-250	-250	-5	50	50	25	-	150	-	TO-202	33	M
BF871	NPN	Si	5W	60	300	300	5	50	50	25	-	150	-	TO-202	33	M
BF872	PNP	Si	5W	60	-300	-300	-5	50	50	25	-	150	-	TO-202	33	M
BFQ17	NPN	Si	1W	1200	40	25	2	150	25	150	-	150	4	SOT-89	18	M
BFQ18	NPN	Si	1W	3500	30	25	3	150	30	150	-	150	3.5	SOT-89	18	M
BFQ19	NPN	Si	500	5000	20	15	3	75	25	50	-	150	1.6	SOT-89	18	M
BFQ22	NPN	Si	150	5000	15	12	2	35	25	30	-	200	1.1	TO-72	03	M
BFQ23	PNP	Si	180	5000	-15	-12	-2	35	20	30	-	150	0.85	SOT-37	34	M
BFQ24	PNP	Si	150	5000	-45	-42	-2	35	20	30	-	200	1.2	TO-72	03	M
BFQ31	NPN	Si	200	600	30	15	3	100	20	3	-	175	1.7	SOT-23	16	Fe
BFQ31A	NPN	Si	200	600	30	15	3	100	100	3	-	175	1.7	SOT-23	16	Fe
BFQ32	PNP	Si	500	3600	-20	-15	-3	75	20	50	-	175	1.3	SOT-37	34	M
BFQ33	NPN	Si	180	14000	9	8	3	20	25	14	-	150	0.35	SOT-100	35	M
BFQ34	PNP	Si	2.25W	3500	25	18	2	150	25	150	-	200	2.75	SOT-122	36	M
BFQ35	PNP	Si	-	80	-160	-160	-5	100	50	10	400	-	-	TO-5	08	TI
BFQ36	PNP	Si	-	80	-250	-250	-5	100	40	10	350	-	-	TO-5	08	TI
BFQ37	PNP	Si	-	80	-300	-300	-5	100	30	10	300	-	-	TO-5	08	TI
BFQ42	NPN	Si	7.2W	750	36	18	4	600	10	250	60	200	8.6	TO-39	08	M
BFQ43	NPN	Si	12W	750	36	18	4	1.25A	10	500	80	200	15	TO-39	37	M
BFQ53	NPN	Si	150	5000	20	15	2	25	25	14	-	200	0.75	TO-72	03	M
BFR10	NPN	Si	800	250	75	40	6	500	60	150	120	200	8	TO-39	08	SGS
BFR11	NPN	Si	400	250	75	40	6	500	60	150	120	200	8	TO-18	05	SGS
BFR16	NPN	Si	360	70	60	60	8	100	150	1	-	200	6	TO-18	05	SGS
BFR17	NPN	Si	360	70	60	60	8	100	450	1	-	200	6	TO-18	05	SGS
BFR18	NPN	Si	500	60	85	55	7	500	60	150	-	200	20	TO-18	05	SGS
BFR19	NPN	Si	800	60	75	35	7	1A	30	500	-	200	20	TO-5	08	SGS
BFR20	NPN	Si	800	60	75	35	7	1A	90	150	-	200	20	TO-5	08	SGS
BFR21	NPN	Si	800	60	120	70	7	1A	40	150	-	200	20	TO-39	08	SGS
BFR36	NPN	Si	800	1000	40	30	3	400	60	70	130	200	2.2	TO-39	08	SGS
BFR37	NPN	Si	250	800	30	30	4	50	80	10	250	200	0.5	TO-72	25	SGS
BFR38	PNP	Si	200	700	40	35	3	20	25	3	-	200	0.5	TO-72	25	SGS
BFR39	NPN	Si	800	100	90	80	10	2A	50	100	-	125	-	TO-92	09	SGS, TI
BFR40	NPN	Si	800	100	70	60	10	2A	75	100	-	125	-	TO-92	09	TI
BFR41	NPN	Si	800	100	60	50	10	2A	100	100	-	125	-	TO-92	09	TI
BFR50	NPN	Si	800	60	80	35	6	2A	30	150	-	125	-	TO-92	38	TI
BFR51	NPN	Si	800	50	60	30	6	2A	40	150	-	125	-	TO-92	38	TI
BFR52	NPN	Si	800	50	40	20	6	2A	60	150	-	125	-	TO-92	38	TI