

TYPE NO	CONSTRUCTION	PACKAGE & PINOUT	V _{DS}		I _b	T _J	P _{TOT}	V _{GS(OFF)} or V _{GS(T_H)}	I _{LOSS} or I _{D(OH)}	G _{FS}	R _{DS(ON)}	C _{ISS}	C _{RSS}	USE	MNF	SUBSTITUTE	
			MAX	MAX												MAX	MAX
BF816	NJD	T072 Ek	30V	10mA	200C	300mWF	6Vmx	15/40mA	10/20mS	-	10P	2P8	ALN	TIS	BF815	2N6451	
BF817	NJD	T072 Ek	25V	10mA	200C	300mWF	5Vmx	10/40mA	15/25mS	-	15P	4P0	ALN	TIS	BF815	2N6453	
BF818	NJD	T072 Ek	25V	10mA	200C	300mWF	5Vmx	10/40mA	15/25mS	-	15P	4P0	ALN	TIS	BF817	2N6451	
BF900	NMD	SOT103 J	20V	50mA	150C	150mWF	5Vmx	3/30mA	8mSnn	-	4P0	0P25	VLA	TIS	BF960	-	
BF905	NMD	SOT103 J	20V	50mA	150C	150mWF	5Vmx	2/25mA	6mSnn	-	2P0	0P3	ULA	TIS	BF961	-	
BF907	NMD	SOT103 J	20V	50mA	150C	250mWF	3.5Vmx	5/20mA	12mSnn	-	-	-	ULA	TIS	BF960	-	
BF910	NMD	SOT103 J	20V	50mA	150C	330mWF	3.5Vmx	6/40mA	16/25mS	-	6P0	2P5	VLA	TIS	BF961	-	
BF960	NMD	SOT103 J	20V	30mA	125C	150mWF	150mWF	150mWF	9mStp	-	20P	1P0	TUG	SIE	BF905	-	
BF961	NMD	SOT103 L	20V	30mA	150C	200mWF	4Vmx	4/20mA	12mSnn	-	2P0	0P03	TUG	SIE	BF900	-	
BF963	NMD	SOT103 L	20V	50mA	150C	200mWF	2.5/2Vmx	6/40mA	16mSnn	-	6P0tp	0P05tp	FRH	SIE	-	-	
BF964A	NMD	SOT103 L	20V	30mA	150C	200mWF	2.5/2Vmx	2/20mA	15mSnn	-	2P5tp	P025tp	FBG	SIE	-	-	
BF964S	NMD	SOT103 L	20V	30mA	150C	200mWF	2.5/2Vmx	2/20mA	17mSnn	-	2P5tp	-	FBG	TKF	-	-	
BF965	NMD	SOT103 L	20V	30mA	150C	200mWF	2.5/2Vmx	2/20mA	15mSnn	-	2P5tp	P025tp	FBG	SIE	-	-	
BF966S	NMD	SOT103 L	20V	30mA	150C	200mWF	2.5/2Vmx	2/20mA	17mSnn	-	2P2tp	-	FBG	TKF	-	-	
BF981	NMD	SOT103 L	20V	20mA	150C	230mWF	0.7/2.5V	5/25mA	10mSnn	-	2P3	0P03	TUG	PHL	BF905	-	
BF982T	NMD	SOT103 L	20V	40mA	150C	200mWF	-	4/20mA	27mSnn	-	4P0	-	FBG	TKF	-	-	
BF987	NMD	T092 C	20V	30mA	150C	300mWF	2.5Vmx	5/18mA	14mSnn	-	2P7tp	P035tp	FBG	SIE	-	-	
BF988	NMD	SOT103 L	12V	30mA	150C	200mWF	2.5/2Vmx	2/18mA	24mStp	-	2P1tp	P025tp	ULN	SIE	-	-	
BF989	NMD	SOT143 L	20V	30mA	150C	200mWF	2.7Vmx	2/20mA	9.5mSnn	-	1P8tp	P025tp	TUM	SIE	-	-	
BF992T	NMD	SOT143 L	20V	30mA	150C	200mWF	-	4/20mA	27mSnn	-	4P0tp	-	TUM	TKF	-	-	
BF993	NMD	SOT143 L	20V	50mA	150C	200mWF	2.5/2Vmx	6/40mA	16mSnn	-	6P0tp	0P05tp	FRH	SIE	-	-	
BF994S	NMD	SOT143 L	20V	30mA	150C	200mWF	2.5/2Vmx	2/20mA	15mSnn	-	2P5tp	P025tp	FBG	SIE	-	-	
BF995	NMD	SOT143 L	20V	30mA	150C	200mWF	2.5/2Vmx	4/20mA	12mSnn	-	3P6tp	P025tp	FBG	SIE	-	-	
BF996S	NMD	SOT143 L	20V	30mA	150C	200mWF	2.5/2Vmx	2/20mA	15mSnn	-	2P3tp	P025tp	TUG	SIE	-	-	
BF997	NMD	SOT143 L	20V	30mA	150C	200mWF	2.5/2Vmx	2/20mA	15mSnn	-	2P5tp	P025tp	FBG	SIE	-	-	
BF998	NMD	SOT143 L	12V	30mA	150C	200mWF	2.5/2Vmx	2/18mA	24mStp	-	2P5	P025tp	ULN	SIE	-	-	
BF999	NMD	SOT23 B	20V	30mA	150C	200mWF	150mWF	5/18mA	14mSnn	-	2P5tp	P025tp	FBG	SIE	-	-	
BFQ10	NJD	T071 EnE	30V	30mA	200C	200mWF	0.5/3.5V	0.5/10mA	1mSnn	-	8P0	1P0	DUA	PHI	BFQ10	2N5902	
BFQ11	NJD	T071 EnE	30V	30mA	200C	200mWF	0.5/3.5V	0.5/10mA	1mSnn	-	8P0	1P0	DUA	PHI	BFQ11	2N5903	
BFQ12	NJD	T071 EnE	30V	30mA	200C	200mWF	0.5/3.5V	0.5/10mA	1mSnn	-	8P0	1P0	DUA	PHI	BFQ12	2N5904	
BFQ13	NJD	T071 EnE	30V	30mA	200C	200mWF	0.5/3.5V	0.5/10mA	1mSnn	-	8P0	1P0	DUA	PHI	BFQ13	2N5904	
BFQ14	NJD	T071 EnE	30V	30mA	200C	200mWF	0.5/3.5V	0.5/10mA	1mSnn	-	8P0	1P0	DUA	PHI	BFQ14	2N5905	
BFQ15	NJD	T071 EnE	30V	30mA	200C	200mWF	0.5/3.5V	0.5/10mA	1mSnn	-	8P0	1P0	DUA	PHI	BFQ15	2N5905	
BFQ16	NJD	T071 EnE	30V	30mA	200C	200mWF	0.5/3.5V	0.5/10mA	1mSnn	-	8P0	1P0	DUA	PHI	BFQ15	2N5905	
BFQ20	NJD	T071 EnE	40V	10mA	150C	40mWF	0.5/4V	0.3/1.5mA	0.85/1.2mS	-	7P0	3P5	DUA	TIS	-	-	
BFQ21	NJD	T071 EnE	40V	10mA	150C	40mWF	0.5/4V	0.3/1.5mA	0.85/1.2mS	-	7P0	3P5	DUA	TIS	-	-	
BFQ25	NJD	T071 EnE	25V	40mA	150C	300mWF	1/5V	10/40mA	9/16mS	-	18P	3P5	DUA	TIS	-	-	
BFQ26	NJD	T071 EnE	25V	40mA	150C	300mWF	1/5V	10/40mA	9/16mS	-	18P	3P5	DUA	TIS	-	-	
BFQ44	NJD	T071 EnE	25V	40mA	200C	300mWF	5Vmx	10/40mA	9/16mS	-	18P	3P5	DUA	TIS	-	-	
BFQ45	NJD	T071 EnE	25V	40mA	200C	300mWF	5Vmx	10/40mA	9/16mS	-	18P	3P5	DUA	TIS	-	-	
BFQ46	NJD	T071 EnE	30V	10mA	200C	300mWF	0.5/4V	30/250µA	60/130mS	-	-	-	DUA	TIS	-	-	
BFQ47	NJD	T071 EnE	30V	10mA	200C	300mWF	0.5/4V	30/250µA	60/130mS	-	-	-	DUA	TIS	-	-	
BFQ48	NJD	T071 EnE	30V	10mA	200C	300mWF	0.5/4V	30/250µA	60/130mS	-	-	-	DUA	TIS	-	-	
BFQ49A	NJD	T071 EnE	30V	10mA	200C	400mWF	0.5/4V	0.3/5mA	0.8/1.7mS	-	7P0	2P0	DUA	TIS	-	-	
BFQ49B	NJD	T071 EnE	30V	10mA	200C	400mWF	0.5/4V	0.3/5mA	0.8/1.7mS	-	7P0	2P0	DUA	TIS	-	-	
BFQ49C	NJD	T071 EnE	30V	10mA	200C	400mWF	0.5/4V	0.3/5mA	0.8/1.7mS	-	7P0	2P0	DUA	TIS	-	-	
BFR29	NMD	T072 Bk	30V	50mA	125C	200mWF	4Vmx	10/40mA	6mSnn	-	5P0	0P7	ALN	PHI	BFX63	2N3631	
BFR30	NJD	T0236 F	25V	10mA	125C	200mWF	5Vmx	4/10mA	1/4mS	-	4P0	1P5	ALG	PHI	-	-	
BFR30L11	NJD	T0236 F	25V	10mA	150C	300mWF	5Vmx	4/10mA	1/4mS	-	5P0	1P5	ALG	MOT	-	-	
BFR30(M11)	NJD	T0236 F	25V	10mA	150C	620mWF	5Vmx	4/10mA	1/4mS	-	4P0	1P5	ALG	PHI	-	-	
BFR31	NJD	T0236 F	25V	10mA	125C	200mWF	2.5Vmx	1/5mA	1.5/4.5mS	-	4P0	1P5	ALG	PHI	SST202	-	
BFR31L11	NJD	T0236 F	25V	10mA	150C	300mWF	2.5Vmx	1/5mA	1.5/4.5mS	-	5P0	1P5	ALG	MOT	-	-	
BFR31(M2)	NJD	T0236 F	25V	10mA	150C	620mWF	2.5Vmx	1/5mA	1.5/4.5mS	-	4P0	1P5	ALG	PHI	-	-	
BFR45	NJD	T072 Ek	30V	25mA	200C	300mWF	0.5/8V	2/25mA	3/6.5mS	-	80P	2P2	ALG	TIS	BFW61	2N3822	
BFR46	PME	T018 E	15V	10mA	200C	300mWF	2Vtp	-	1.7mStp	-	-	-	ALN	ZTX	BSW95	3N157	
BFR47	PME	T018 E	15V	10mA	200C	300mWF	2Vtp	-	1.7mStp	-	-	-	ALN	ZTX	BSW95	3N157	
BFR84	NMD	T072 H	20V	20mA	135C	200mWF	4Vmx	-	8mSnn	-	-	0P05	FBG	PHI	BF351	3N201	
BFS21	NJD	T072 Ek	30V	20mA	200C	300mWF	6Vmx	1mAmn	1mSnn	-	5P0	0P75	MPP	PHI	-	2N5199	
BFS21A	NJD	T072 Ek	20V	20mA	200C	300mWF	6Vmx	1mAmn	1mSnn	-	5P0	0P75	MPP	PHI	BFS21	2N5199	
BFS21Ax2	NJD	T072 Ek	20V	20mA	200C	300mWF	6Vmx	1mAmn	1mSnn	-	5P0	0P75	MPP	PHI	BFS21 x2	2N5199	
BFS21X2	NJD	T072 Ek	30V	20mA	200C	300mWF	6Vmx	1mAmn	1mSnn	-	5P0	0P75	MPP	PHI	-	2N5199	
BFS28	NMD	T072 H	20V	20mA	135C	200mWF	4Vmx	-	8mSnn	-	-	0P05	FBG	PHI	BF351	3N201	
BFS28R	NMD	T072 H	20V	20mA	135C	200mWF	5Vmx	-	8mSnn	-	-	-	FBG	OBS	BFR84	3N201	
BFS67	NJD	T0122 Eg	50V	50mA	150C	100mWF	6Vmx	0.5/10mA	1.5/6.5mS	-	6P0	3P0	ALG	TIS	BFS68	-	
BFS67P	NJD	S3 J	50V	10mA	150C	100mWF	6Vmx	0.5/10mA	1.5/6.5mS	-	6P0	3P0	ALG	TIS	BFS68P	-	
BFS68	NJD	T0122 Eg	30V	10mA	150C	100mWF	8Vmx	4/25mA	3.5/6.5mS	-	6P0	3P0	ALG	TIS	BFS67	-	
BFS68P	NJD	S3 J	30V	10mA	150C	100mWF	8Vmx	4/25mA	3.5/6.5mS	-	6P0	3P0	ALG	TIS	BFS67P	-	
BFS70	NJD	T072 Ek	30V	10mA	175C	300mWF	4Vmx	1/2.5mA	1.5/4.5mS	-	6P0	3P0	ALG	TIS	BFW12	2N3821	
BFS71	NJD	T072 Ek	50V	10mA	175C	300mWF	6Vmx	2/10mA	3/6.5mS	-	6P0	3P0	ALG	TIS	BFW61	2N3821	
BFS72	NJD	T072 Ek	30V	10mA	175C	300mWF	8Vmx	4/20mA	3.2/6.5mS	-	6P0	2P0	ALG	TIS	BFW61	2N3822	
BFS73	NJD	T072 Fk	50V	10mA	175C	300mWF	-	-	-	-	6P0	3P0	ALG	TIS	BFW61	2N3821	
BFS74	NJD	T018 E	40V	50mA	175C	400mWF	4/10V	50mAmn	-	-	18P	8P0	RLS	TIS	BSV78	2N4091	
BFS75	NJD	T018 E	40V	50mA	175C	400mWF	2/6V	50mAmn	-	-	18P	8P0	RLS	TIS	BSV79	2N4092	
BFS76	NJD	T018 E	40V	50mA	175C	400mWF	0.8/4V	8/80mA	-	-	18P	8P0	RLS	TIS	BSV80	2N4093	
BFS77	NJD	T018 E	30V	50mA	175C	400mWF	4/10V	50mAmn	-	-	18P	8P0	RLS	TIS	BSV78	2N4091	