



Part Number	Marking	Electrical Characteristics								Package
		I _{bias} (mA)	V _d (V)	G _p (dB) (50 Ω)	F(dB) (50 Ω)	IM ₃ (dB) V _{inp in (-)}	f _{3dB} (MHz) (50 Ω)	P _{1dB} (dBm) (50 Ω)	VSWR	
BiPMICs (Bipolar Monolithic Integrated Circuit)										
S858TA1	858	30	5	17.5	3.3	52 (23 mV)	550	5	1.8 : 1	SOT143
S858TA3	TA3	30	3.6	17.5	3.3	52 (23 mV)	500	10	1.8 : 1	SOT143
S868T	868	45	5	19	2.9	55 (23 mV)	550	13	1.8 : 1	SOT143
S860T	860	3	1.8	8	5.5	40 (7 mV)	2500	—	—	SOT143
S872T	*	85	5	14.5	3.9	52 (71 mV)	450	17	1.6 : 1	TO50 (4)

Part Number	Marking	Electrical Characteristics														Package	
		V _{CEO}	I _{Cmax}	P _{tot} at T _{amb}		h _{FE} at I _C and V _{CE}		f _T at I _C		G _p at I _C and f		F at f and I _C					
		V	mA	mW	°C	mA	V	MHz	mA	dB	mA	MHz	dB	MHz	mA		
NPN Small-Signal Transistors for Tuner, Broadband Amplifier and Mobile Telecommunication																	
BFP67	67	10	50	200	60	100	15	5	7500	15	18	15	800	0.8	800	5	SOT143
BFP92A	92V	15	30	200	60	100	14	10	6000	14	18	14	800	1.8	800	2	SOT143
BFP93A	FE	12	50	200	60	100	30	5	6000	30	17	25	800	1.6	800	5	SOT143
S822T	822	6	8	30	125	90	1	3	5200	1.5	14	1.5	945	1.8	945	1	SOT143
BFP181T	18	10	20	160	78	100	10	6	7800	10	17	8	900	1.5	900	3	SOT143
BFP182T	82 P	10	35	200	60	100	20	8	7500	20	18	20	900	1.5	900	5	SOT143
BFP183T	83 P	10	65	200	60	110	20	8	7400	30	17	30	900	1.2	900	5	SOT143
BFP280T	28	8	10	80	114	100	3	1	7000	6	16	3	900	1.6	900	3	SOT143
TSDF1205	F05	4	12	40	132	200	2	2	12000	5	18	5	2000	1.3	2000	2	SOT143
TSDF1220	F20	6	40	200	60	100	20	5	12000	20	20	20	2000	1.2	2000	3	SOT143
BFQ67	V2	10	50	200	60	100	15	5	7500	15	15.5	15	800	0.8	800	5	SOT23
BFR92	P1	15	30	200	60	50	14	10	5000	14	19.5	14	500	2.2	500	2	SOT23
BFR92A	P2	15	30	200	60	100	14	10	6000	14	16	14	800	1.8	800	4	SOT23
BFR93	R1	12	40	200	60	50	30	5	5000	30	18	30	500	1.9	500	4	SOT23
BFR93A	R2	12	50	200	60	100	30	5	6000	30	14	25	800	1.6	800	5	SOT23
BFS17	E1	15	25	200	60	100	25	1	2100	25	23	10	200	3.5	800	2	SOT23
BFS17A	E2	15	25	200	60	50	25	1	3200	25	13	14	800	2.5	800	2	SOT23
S852T	852	6	8	30	125	90	1	3	5200	1.5	12	1.5	945	1.8	945	1	SOT23
BFR181T	RF	10	20	160	78	100	10	6	7800	10	14.8	8	900	1.5	900	3	SOT23
BFR182T	RG	10	35	200	60	100	20	8	7500	20	15	20	900	1.5	900	5	SOT23
BFR183T	RH	10	65	200	60	110	20	8	7400	30	14	30	900	1.2	900	5	SOT23
BFR280T	RE	8	10	80	114	100	3	1	7000	6	13.5	3	900	1.6	900	3	SOT23
BFQ65	*	10	50	300	60	100	15	5	7500	15	8.0	15	2000	1.3	800	5	TO50 (3)
BFR90	*	15	30	300	60	50	14	10	5000	14	19.5	14	500	2.2	500	2	TO50 (3)
BFR90A	*	15	30	300	60	100	14	10	6000	14	16	14	800	1.8	800	2	TO50 (3)
BFR91	*	12	50	300	60	50	30	5	5000	30	18	30	500	1.9	500	2	TO50 (3)
BFR91A	*	12	50	300	60	100	30	5	6000	30	14	30	800	1.6	800	5	TO50 (3)
BFR96T	*	15	75	500	60	75	50	10	5000	50	16	50	500	3.8	800	50	TO50 (3)
BFR96TS	*	15	100	700	70	75	70	10	5000	70	11.5	70	800	4.0	800	70	TO50 (3)
BFW92	*	15	25	300	60	100	25	1	2100	25	23	10	200	3.5	500	2	TO50 (3)
BFW92A	*	15	25	300	60	50	25	1	3200	25	13	14	800	2.5	800	2	TO50 (3)

* Part Number