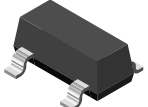
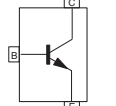

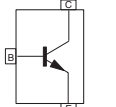
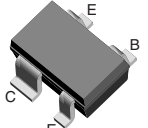
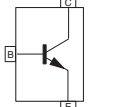
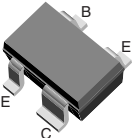
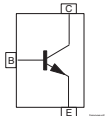
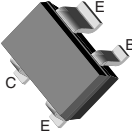
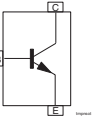
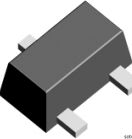
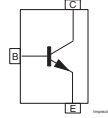
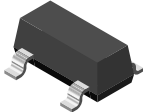
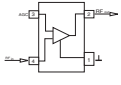
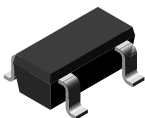
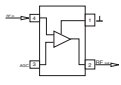

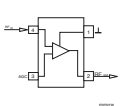
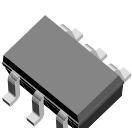
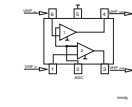
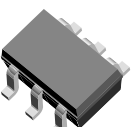
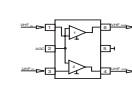
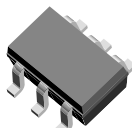
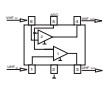
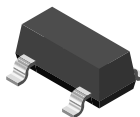
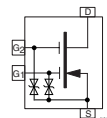
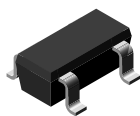
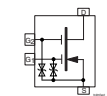
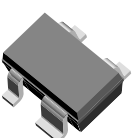



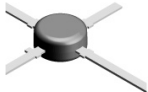
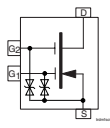
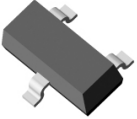
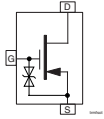
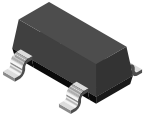
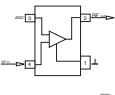
PRODUCT DESCRIPTION	TYPE	V _{CEO} MAX. [V]	I _C MAX. [mA]	h _{FE}	f _T [MHz]	@ I _C [mA]	@ V _{CE} [V]	G _p [dB]	@ I _C [mA]	F [dB]	@ I _C [mA]	@ f [MHz]
RF Transistors SOT-143 Package 12 to 25 GHz Low-Noise 12 GHz  	TSDF1205	4	12	200	12000	5	2	13	5	1.3	2	2000
	TSDF1220	6	40	100	12000	20	5	14	20	1.2	3	2000
	TSDF1250	6	60	100	12000	40	5	13.5	40	1.2	5	2000
RF Transistors SOT-143R Package 12 to 25 GHz Low-Noise RF Transistors 12 GHz  	TSDF1205R	4	12	200	12000	5	2	13	5	1.3	2	2000
	TSDF1220R	6	40	100	12000	20	5	14	20	1.2	3	2000
	TSDF1250R	6	60	100	12000	40	5	13.5	40	1.2	5	2000
RF Transistors SOT-343 Package 12 to 25 GHz Low-Noise 12 GHz  	TSDF1205W	4	12	200	12000	5	2	13	5	1.3	2	2000
	TSDF1220W	6	40	100	12000	20	5	14	20	1.2	3	2000
	TSDF1250W	6	60	100	12000	40	5	13.5	40	1.2	5	2000

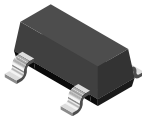
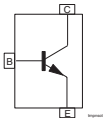
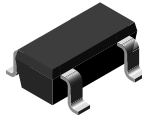
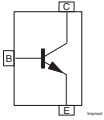
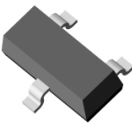
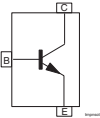
PRODUCT DESCRIPTION	TYPE	V _{CEO} MAX. [V]	I _C MAX. [mA]	h _{FE}	f _T [MHz]	@ I _C [mA]	@ V _{CE} [V]	G _p [dB]	@ I _C [mA]	F [dB]	@ I _C [mA]	@ f [MHz]
RF Transistors SOT-343R Package 12 to 25 GHz Low-Noise 12 GHz  	TSDF1205RW	4	12	200	12000	5	2	13	5	1.3	2	2000
	TSDF1220RW	6	40	100	12000	20	5	14	20	1.2	3	2000
	TSDF1250RW	6	60	100	12000	40	5	13.5	40	1.2	5	2000
RF Transistors SOT-343R (mech.SOT343) Package 12 to 25 GHz Low-Noise 25 GHz  	TSDF1920W	3.5	40	100	24000	25	2	19	25	1.1	5	2000
	TSDF2005W	3.5	12	100	25000	10	2	21	5	1.2	2	2000
	TSDF2020W	3.5	40	100	25000	30	2	20	20	1.1	5	2000
RF Transistors SOT-490 Package 12 to 25 GHz Low-Noise 12 GHz  	TSDF1205F	4	12	200	12000	5	2	12.5	5	1.3	2	2000
	TSDF1220F	6	40	100	12000	20	5	13.5	20	1.2	3	2000
	TSDF1250F	6	60	100	12000	40	5	13	40	1.2	5	2000


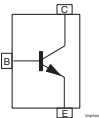
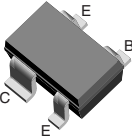
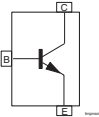
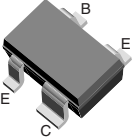
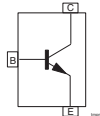
PRODUCT DESCRIPTION	TYPE	V _{DS} max [V]	I _D max [mA]	y 21s [mS]	G _{ps} [dB]	F [dB]	@ f [MHz]	C _{issg1} [pF]	C _{oss} [pF]	@ I _{DS} [mA]	@ V _{DS} [V]
MOSMICs SOT-143 Package  	S503T	8	30	40	23	1.3	800	3.2	1.5	8 to 18	5
	S503TX	8	30	40	24	1.3	800	2.3	1.4	10 to 20	5
	S504T	8	30	24	20	1.3	800	2.1	0.9	7 to 14	5
	S504TX	8	25	24	21	1.3	800	1.6	0.9	7 to 16	5
	S505T	8	30	30	20	1.3	800	2.3	1.1	8 to 16	5
	S505TX	8	30	30	22	1.3	800	1.8	1.0	8 to 20	5
	S505TY	8	30	31	25	1.3	800	1.9	0.9	8 to 17	5
	S506TY	8	30	28	22	1.5	800	2.5	0.9	8 to 17	5
	S593T	8	30	40	23	1.3	800	3.2	1.5	9 to 18	5
	S593TX	8	30	40	24	1.3	800	2.3	1.4	10 to 20	5
	S594T	8	20	24	20	1.3	800	2.1	0.9	7 to 14	5
	S594TX	8	25	24	21	1.3	800	1.6	0.9	7 to 16	5
	S595T	8	30	30	20	1.3	800	2.3	1.1	9 to 18	5
	S595TX	8	30	30	22	1.3	800	1.8	1.0	8 to 20	5
	S849T	16	30	24	20	1.3	800	2.1	0.9	8 to 16	12
	S886T	16	30	30	22	1.3	800	2.2	0.9	8 to 16	12
	S913T	12	30	24	20	1.3	800	2.1	0.9	7 to 14	9
S949T	12	30	30	20	1.3	800	2.2	1.0	8 to 16	9	
MOSMICs SOT-143R Package  	S503TR	8	30	40	23	1.3	800	3.2	1.5	8 to 18	5
	S503TXR	8	30	40	24	1.3	800	2.3	1.4	10 to 20	5
	S504TR	8	30	24	20	1.3	800	2.1	0.9	7 to 14	5
	S504TXR	8	25	24	21	1.3	800	1.6	0.9	7 to 16	5
	S505TR	8	30	30	20	1.3	800	2.3	1.1	8 to 16	5
	S505TXR	8	30	30	22	1.3	800	1.8	1.0	8 to 20	5
	S505TYR	8	30	31	25	1.3	800	1.9	0.9	8 to 17	5
	S506TYR	8	30	28	22	1.5	800	2.5	0.9	8 to 17	5
	S593TR	8	30	40	23	1.3	800	3.2	1.5	9 to 18	5
	S593TXR	8	30	40	24	1.3	800	2.3	1.4	10 to 20	5
	S594TR	8	20	24	20	1.3	800	2.1	0.9	7 to 14	5
	S594TXR	8	25	24	21	1.3	800	1.6	0.9	7 to 16	5
	S595TR	8	30	30	20	1.3	800	2.3	1.1	9 to 18	5
	S595TXR	8	30	30	22	1.3	800	1.8	1.0	8 to 20	5
	S849TR	16	30	24	20	1.3	800	2.1	0.9	8 to 16	12
	S886TR	16	30	30	22	1.3	800	2.2	0.9	8 to 16	12
	S913TR	12	30	24	20	1.3	800	2.1	0.9	7 to 14	9
S949TR	12	30	30	20	1.3	800	2.2	1.0	8 to 16	9	


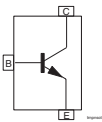
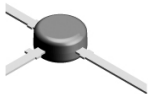
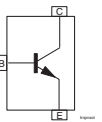
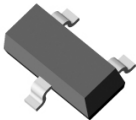
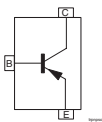
PRODUCT DESCRIPTION	TYPE	V _{DS} max [V]	I _D max [mA]	y 21s [mS]	G _{ps} [dB]	F [dB]	@ f [MHz]	C _{issg1} [pF]	C _{oss} [pF]	@ I _{DS} [mA]	@ V _{DS} [V]
MOSMICs SOT-343R Package  	S503TRW	8	30	40	23	1.3	800	3.2	1.5	8 to 18	5
	S503TXRW	8	30	40	24	1.3	800	2.3	1.4	10 to 20	5
	S504TRW	8	30	24	20	1.3	800	2.1	0.9	7 to 14	5
	S504TXRW	8	25	24	21	1.3	800	1.6	0.9	7 to 16	5
	S505TRW	8	30	30	20	1.3	800	2.3	1.1	8 to 16	5
	S505TXRW	8	30	30	22	1.3	800	1.8	1.0	8 to 20	5
	S505TYRW	8	30	31	25	1.3	800	1.9	0.9	8 to 17	5
	S506TYRW	8	30	28	22	1.5	800	2.5	0.9	8 to 17	5
	S593TRW	8	30	40	23	1.3	800	3.2	1.5	9 to 18	5
	S593TXRW	8	30	40	24	1.3	800	2.3	1.4	10 to 20	5
	S594TRW	8	20	24	20	1.3	800	2.1	0.9	7 to 14	5
	S594TXRW	8	25	24	21	1.3	800	1.6	0.9	7 to 16	5
	S595TRW	8	30	30	20	1.3	800	2.3	1.1	9 to 18	5
	S595TXRW	8	30	30	22	1.3	800	1.8	1.0	8 to 20	5
	S913TRW	12	30	24	20	1.3	800	2.1	0.9	7 to 14	9
S949TRW	12	30	30	20	1.3	800	2.2	1.0	8 to 16	9	
MOSMICs SOT-363 Package Dual-MOSMIC  	TSDF02424X	8	25	24	21	1.3	800	1.7	0.9	8 to 18	5
	TSDF02830Y	8	30 / 25	28 / 31	22 / 25	1.5 / 1.3	800	2.5 / 1.9	0.9	8 to 17	5
	TSDF03030X	8	30	30	22	1.3	800	2.0	1.1	8 to 20	5
	TSDF04040X	8	30	40	24	1.3	800	2.4	1.5	10 to 20	5
	TSDF52424	8	20	24	20	1.3	800	2.1	0.9	7 to 14	5
	TSDF52424X	8	25	24	20	1.3	800	2.1	0.9	9 to 18	5
	TSDF53030	8	30	30	21	1.3	800	2.4	1.1	7 to 16	5
	TSDF53030X	8	30	30	22	1.3	800	2.0	1.1	8 to 20	5
	TSDF54040	8	30	40	23	1.3	800	2.7	1.5	9 to 18	5
TSDF54040X	8	30	40	24	1.3	800	2.4	1.5	10 to 20	5	
MOSMICs SOT-363L Package Dual-MOSMIC  	TSDF02830YL	8	30 / 25	28 / 31	22 / 25	1.5 / 1.3	800	2.5 / 1.9	0.9	8 to 17	5

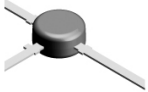
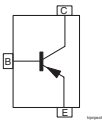
PRODUCT DESCRIPTION	TYPE	$V_{DS\ max}$ [V]	$I_{D\ max}$ [mA]	$ y_{21s} $ [mS]	G_{ps} [dB]	F [dB]	@ f [MHz]	C_{issg1} [pF]	C_{oss} [pF]	@ I_{DS} [mA]	@ V_{DS} [V]	
MOSMICs SOT-363R Package Dual-MOSMIC  	TSDF02424XR	8	25	24	21	1.3	800	1.7	0.9	8 to 18	5	
	TSDF02830YR	8	30 / 25	28 / 31	22 / 25	1.5 / 1.3	800	2.5 / 1.9	0.9	8 to 17	5	
	TSDF03030XR	8	30	30	22	1.3	800	2.0	1.1	8 to 20	5	
	TSDF04040XR	8	30	40	24	1.3	800	2.4	1.5	10 to 20	5	
	TSDF52424XR	8	25	24	21	1.3	800	2.1	0.9	9 to 18	5	
	TSDF53030XR	8	30	30	22	1.3	800	2.0	1.1	8 to 20	5	
	TSDF54040XR	8	30	40	24	1.3	800	2.4	1.5	10 to 20	5	
PRODUCT DESCRIPTION	TYPE	$V_{DS\ max}$ [V]	$I_{D\ max}$ [mA]	$ y_{21s} $ [mS]	@ I_{DS} [mA]	G_{ps} [dB]	F [dB]	@ f [MHz]	C_{issg1} [pF]	C_{oss} [pF]	@ I_{DSS} [mA]	@ V_{DS} [V]
Dual-Gate Si-MOSFETs SOT-143 Package Dual-MOSMIC  	BF994S	20	30	18.5	10	25	1.0	200	2.5	0.8	4 to 18	15
	BF995	20	30	15	10	20	1.8	200	3.7	1.6	4 to 18	15
	BF996S	20	30	18.5	10	18	2.0	800	2.2	0.8	4 to 18	15
	BF998	12	30	24	10	20	1.5	800	2.1	1.05	4 to 18	8
Dual-Gate Si-MOSFETs SOT-143R Package  	BF998R	12	30	24	10	20	1.5	800	2.1	1.05	4 to 18	8
Dual-Gate Si-MOSFETs SOT-343R Package  	BF998RW	12	30	24	10	20	1.5	800	2.1	1.05	4 to 18	8

PRODUCT DESCRIPTION	TYPE	$V_{DS\ max}$ [V]	$I_{D\ max}$ [mA]	$ y_{21s} $ [mS]	@ I_{DS} [mA]	G_{ps} [dB]	F [dB]	@ f [MHz]	C_{issg1} [pF]	C_{oss} [pF]	@ I_{DSS} [mA]	@ V_{DS} [V]
Dual-Gate Si-MOSFETs TO-50(4) Package  	BF961	20	30	15	10	20	1.8	200	3.7	1.6	4 to 20	15
	BF964S	20	30	18.5	10	25	1.0	200	2.5	1.0	4 to 18	15
	BF966S	20	30	18.5	10	18	1.8	800	2.2	0.8	4 to 18	15
	BF988	12	30	24	10	20	1.6	800	2.1	1.05	4 to 18	8
Single-Gate Si-MOSFETs SOT-23 Package  	S525T	20	30	16	10	25	1.0	200	2.2	1.0	5 to 14	10
PRODUCT DESCRIPTION	TYPE	I_{bias} [mA]	V_d [V]	G_p @ 50 Ohm	F @ 50 Ohm [dB]	IM 3 @ 50 Ohm [dB]	@ V_{inP} [V]	f_{3dB} @ 50 Ohm [MHz]	P_{1dB} @ 50 Ohm [dBm]	V_{SWR}		
BIPMICS SOT-143 Package  	S858TA1	30	5	17.5	3.3	50	23	550	5	1.8:1		
	S858TA3	30	3.6	17.5	3.3	50	23	500	10	1.8:1		
	S868T	45	5	19	2.9	55	23	550	13	1.8:1		

PRODUCT DESCRIPTION	TYPE	V _{CEO} max [V]	I _C max [mA]	h _{FE}	f _T [MHz]	@ I _C [mA]	@ V _{CE} [V]	G _p [dB]	@ I _C [mA]	F [dB]	@ I _C [mA]	@ f [MHz]
NPN RF Transistors SOT-143 Package  	BFG67	10	50	100	7500	15	8	17	15	0.8	5	800
	BFG92A	15	30	100	6000	14	10	17	14	1.8	2	800
	BFG93A	12	50	90	6000	30	5	16	25	1.6	5	800
	BFP81	16	30	100	5800	15	10	15.5	10	1.4	5	800
	BFP67	10	50	100	7500	15	8	18	15	0.8	5	800
	BFP92A	15	30	100	6000	14	10	18	14	1.8	2	800
	BFP93A	12	50	90	6000	30	5	17	25	1.6	5	800
	BFP181T	10	20	100	7800	10	8	17	8	1.5	3	900
	BFP182T	10	35	100	7500	20	8	18	20	1.5	5	900
	BFP183T	10	65	110	7400	30	8	17	30	1.2	5	900
	BFP193T	12	80	100	8000	50	8	18	30	1.2	10	900
	BFP196T	12	100	100	7500	50	8	16	50	1.5	20	900
	BFP280T	8	10	100	7000	6	5	16	3	1.6	3	900
	S822T	6	8	90	5200	1.5	2	14	1.5	1.8	1	945
NPN RF Transistors SOT-143R Package  	BFP67R	10	50	100	7500	15	8	16	15	0.8	5	800
	BFP196TR	12	100	100	7500	50	8	16	50	1.5	20	900
NPN RF Transistors SOT-23 Package  	BFR92	15	30	50	5000	14	10	19.5	14	2.2	2	500
	BFR93	12	40	50	5000	30	5	18	30	1.9	4	500
	BFR92A	15	30	100	6000	14	10	16	14	1.8	2	800
	BFR92AR	15	30	100	6000	14	10	16	14	1.8	2	800
	BFR93A	12	50	90	6000	30	5	14	25	1.6	5	800
	BFR93AR	12	50	90	6000	30	5	14	25	1.6	5	800
	BFR181T	10	20	100	8000	20	8	14.8	8	1.5	3	900
	BFR182T	10	35	100	7500	20	8	15	20	1.5	5	900
	BFR183T	10	65	110	7400	30	8	14	30	1.2	5	900
	BFR193T	12	80	100	8000	50	8	15	30	1.2	10	900
	BFR280T	8	10	100	7000	6	5	13.5	3	1.6	3	900
	BFS17	15	25	100	2100	25	5	23	10	3.5	2	800
	BFS17R	15	25	100	2100	25	5	23	10	3.5	2	800
	BFS17A	15	25	50	3200	25	5	13	14	2.5	2	800
	BFS17AR	15	25	50	3200	25	5	13	14	2.5	2	800
	BFQ67	10	50	100	7500	15	8	15.5	15	0.8	5	800
	BFQ67R	10	50	100	7500	15	8	15.5	15	0.8	5	800
	BFQ81	16	30	100	5800	15	10	15	5	1.4	5	800
S852T	6	8	90	5200	1.5	2	12	1.5	1.8	1	945	

PRODUCT DESCRIPTION	TYPE	$V_{CE0\ max}$ [V]	$I_{C\ max}$ [mA]	h_{FE}	f_T [MHz]	@ I_C [mA]	@ V_{CE} [V]	G_p [dB]	@ I_C [mA]	F [dB]	@ I_C [mA]	@ f [MHz]
NPN RF Transistors SOT-323 Package  	BFR92AW	15	30	100	6000	14	10	16	14	1.8	2	800
	BFR93AW	12	50	90	6000	30	5	14	25	1.6	5	800
	BFR181TW	10	20	100	8000	20	8	14.8	8	1.5	3	900
	BFR182TW	10	35	100	7500	20	8	15	20	1.5	5	900
	BFR183TW	10	65	110	7400	30	8	14	30	1.2	5	900
	BFR193TW	12	80	100	8000	50	8	15	30	1.2	10	900
	BFR280TW	8	10	100	7000	6	5	13.5	3	1.6	3	900
	BFS17W	15	25	100	2100	25	5	23	10	3.5	2	800
	BFS17AW	15	25	50	3200	25	5	13	14	2.5	2	800
	BFQ67W	10	50	100	7500	15	8	15.5	15	0.8	5	800
	S852TW	6	8	90	5200	1.5	2	12	1.5	1.8	1	945
NPN RF Transistors SOT-343 Package  	BFP67W	10	50	100	7500	15	8	18	15	0.8	5	800
	BFP92AW	15	30	100	6000	14	10	18	14	1.8	2	800
	BFP93AW	12	50	90	6000	30	5	17	25	1.6	5	800
	BFP181TW	10	20	100	7800	10	8	17	8	1.5	3	900
	BFP182TW	10	35	100	7500	20	8	18	20	1.5	5	900
	BFP183TW	10	65	110	7400	30	8	17	30	1.2	5	900
	BFP193TW	12	80	100	8000	50	8	18	30	1.2	10	900
	BFP196TW	12	100	100	7500	50	8	16	50	1.5	20	900
	BFP280TW	8	10	100	7000	6	5	16	3	1.6	3	900
S822TW	6	8	90	5200	1.5	2	14	1.5	1.8	1	945	
NPN RF Transistors SOT-343R Package  	BFP181TRW	10	20	100	7800	10	8	17	8	1.5	3	900
	BFP182TRW	10	35	100	7500	20	8	18	20	1.5	5	900
	BFP183TRW	10	65	110	7400	30	8	17	30	1.2	5	900
	BFP193TRW	12	80	100	8000	50	8	18	30	1.2	10	900
	BFP280TRW	8	10	100	7000	6	5	16	3	1.6	3	900
	S822TRW	6	8	90	5200	1.5	2	14	1.5	1.8	1	945

PRODUCT DESCRIPTION	TYPE	$V_{CEO\ max}$ [V]	$I_{C\ max}$ [mA]	h_{FE}	f_T [MHz]	@ I_C [mA]	@ V_{CE} [V]	G_p [dB]	@ I_C [mA]	F [dB]	@ I_C [mA]	@ f [MHz]
NPN RF Transistors SOT-490 Package  	BFR92AF	15	30	100	6000	14	10	16.5	14	1.8	2	800
	BFR93AF	12	50	90	6000	30	5	15	25	1.6	5	800
	BFR181TF	10	20	100	8000	20	8	16	8	1.4	3	900
	BFR182TF	10	35	100	7500	20	8	16	20	1.2	5	900
	BFR183TF	10	65	110	7400	30	8	14	30	1.2	5	900
	BFR193TF	12	80	100	7500	50	8	15.5	30	1.2	10	900
	BFQ67F	10	50	100	7500	15	8	16	15	1.2	5	800
	S852TF	6	8	90	5200	1.5	2	12.5	1.5	1.7	1	945
NPN RF Transistors TO-50(3) Package  	BFR90	15	30	50	5000	14	10	19.5	14	2.2	2	500
	BFR90A	15	30	100	6000	14	10	16	14	1.8	2	800
	BFR91	12	50	50	5000	30	5	18	30	1.9	2	500
	BFR91A	12	50	90	6000	30	5	14	30	1.6	5	800
	BFR96TS	15	100	75	5000	70	10	11.5	70	4.0	70	800
	BFW92	15	25	100	2100	25	5	23	10	3.5	2	500
	BFW92A	15	25	50	3200	25	5	13	14	2.5	2	800
PRODUCT DESCRIPTION	TYPE	$V_{CEO\ max}$ [V]	$I_{C\ max}$ [mA]	h_{FE}	f_T [MHz]	@ I_C [mA]	@ V_{CE} [V]	C_{cb} [pF]	@ V_{CB} [V]	F [dB]	@ I_C [mA]	@ f [MHz]
PNP RF Transistors SOT-23 Package  	BF569	35	30	60	1000	3	10	0.3	10	4.2	3	800
	BF569R	35	30	60	1000	3	10	0.3	10	4.2	3	800
	BF579	20	25	50	1750	10	10	0.55	10	3.4	10	800
	BF579R	20	25	50	1750	10	10	0.55	10	3.4	10	800

PRODUCT DESCRIPTION	TYPE	$V_{CE0\ max}$ [V]	$I_{C\ max}$ [mA]	h_{FE}	f_T [MHz]	@ I_C [mA]	@ V_{CE} [V]	C_{cb} [pF]	@ V_{CB} [V]	F [dB]	@ I_C [mA]	@ f [MHz]
PNP RF Transistors TO-50(3) Package  	BF970	35	30	60	1000	3	10	0.4	10	4.2	3	800
	BF979	20	50	50	1750	10	10	0.6	10	3.4	10	800