

**HF-MOS-Transistoren / RF MOS Transistors****N-Channel MOSFET Tetrodes  
Plastic Package**

Type	Max. ratings			Characteristics						Package	Fig.
	$V_{DS}$	$I_D$	$P_{tot}$	$g_{fs}$	$G_{ps}$	$V_{DS}$	$I_D$	$f$	$F$		
	V	mA	mW	mS	dB						
BF 960	20	30	200	12 ( $\geq 9.5$ )	16.5	15	7	800	2.8	X-Plast	8
BF 961	20	30	200	17 ( $\geq 12$ )	23	15	10	200	1.8	X-Plast	8
BF 963	20	50	200	25 ( $\geq 16$ )	25	15	10	200	1.5	X-Plast	8
BF 964 S	20	30	200	18 ( $\geq 15$ )	25	15	10	200	1.0	X-Plast	8
BF 965	20	30	200	18 ( $\geq 15$ )	25	15	10	200	1.0	X-Plast	8
BF 966 S	20	30	200	18 ( $\geq 15$ )	18	15	10	800	1.8	X-Plast	8
BF 987	20	30	300	16 ( $\geq 14$ )	25	10	10	200	1	TO-92	20 f
BF 988	12	30	200	24	28	8	10	200	0.6	X-Plast	8

**SMD Plastic Package**

Type	Max. ratings			Characteristics						Package	Marking	Fig.
	$V_{DS}$	$I_D$	$P_{tot}$	$g_{fs}$	$G_{ps}$	$F$	$V_{DS}$	$I_D$	$f$			
	V	mA	mW	mS	dB	dB						
BF 989	20	30	200	12	23	1.6	15	7	200	SOT-143	MA	30 g
BF 993	20	50	200	25	25	1.5	15	10	200	SOT-142	ME	30 g
BF 994 S	20	30	200	18	25	1	15	10	200	SOT-143	MG	30 g
BF 995	20	30	200	17	23	1.8	15	10	200	SOT-143	MB	30 g
BF 996 S	20	30	200	18	25	1	15	10	200	SOT-143	MH	30 g
BF 997 <sup>1)</sup>	20	30	200	18	25	1	15	10	200	SOT-143	MK	30 g
BF 998	12	30	200	24	28	0.6	8	10	200	SOT-143	MO	30 g
BF 999	20	30	200	16	25	1	10	10	200	SOT-23	LB	31 f

1) Integrated oscillation rejection for  $f > 1$  GHz