

## VHF Applications

### N Channel MOSFETS 2 - 400 MHz

PART NO.	FREQ. (MHz)	Pout	Pin	GAIN	$\eta_c$	BIAS		$\theta_{jc}$	Coss	PKG STYLE
		Set (W)	Max (W)	Min (dB)	Min (%)	Vds (V)	Idq (mA)	Max (°C/W)	Max (pF)	
MS4000	400	4	0.16	14	50	28	2500	12	8	M111
MS4040 **	175	5	0.31	12	50	28	50	12	8	M113
MS4080 **	175	15	0.95	12	50	28	50	3.6	25	M113
MS4280 **	175	30	1.9	12	50	28	50	1.9	45	M113
MS4300	175	45	2.25	13	50	28	50	1.8	60	M113
MS4750 **	175	150	9.5	12	50	28	250	0.6	135	M174
MS4500	175	150	7.5	13	50	50	250	0.6	135	M174

CONFIGURATION : COMMON SOURCE

\*\* In Development

OPERATED CLASS AB

### N Channel Lateral-MOSFETS 1.0 GHz

PART NO.	FREQ. (MHz)	Pout	Pin	GAIN	$\eta_c$	BIAS		$\theta_{jc}$	Coss	PKG STYLE
		Set (W)	Max (W)	Min (dB)	Min (%)	Vds (V)	Idq (mA)	Max (°C/W)	Max (pF)	
MS5000 **	960	5	0.16	15	45	26	50	-	6.5	see factory
MS5020 **	960	15	0.75	13	45	26	100	-	13	see factory
MS5040 **	960	30	1.5	13	45	26	200	-	26	see factory
MS5060 **	960	60	3	13	45	26	400	-	52	see factory

CONFIGURATION : COMMON SOURCE

\*\* In Development

OPERATED CLASS AB