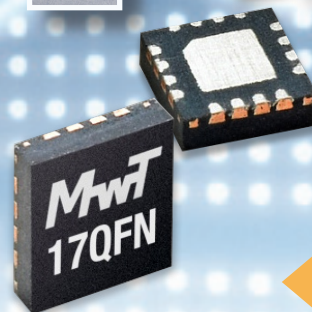




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Narrow and Broad Band Linear Amplifier and Oscillator Applications

MODEL	P-1dB (dBm)	GAIN (dB)	NF (dB)	OIP3 (dBm)	PAE (%)	Chip Size (microns)	Gate Width (microns)	Gate Pads (each)	Drain Pads (each)
MwT-1F*	26.0	10.0	2.0	37	35	775 x 260	630	1	1
MwT-3F*	22.0	--	--	32	35	415 x 260	300	1	1
MwT-5F	21.0	19.0	3.5	--	35	415 x 260	300 Dual	3	1
MwT-7F*	21.0	15.0	2.0	32	35	365 x 250	250	2	2
MwT-9F*	26.5	11.0	--	35	35	485 x 315	750	1	1
MwT-11F*	32.0	9.0	--	42	40	780 x 345	2400	2	2

* Non-linear model by Modelithics on www.mwtinc.com

Narrow and Broad Band High Efficiency Amplifier and Oscillator Applications

MODEL	RF Power (dBm)	GAIN (dB)	OIP3 (dBm)	PAE (%)	Chip Size (microns)	Gate Width (microns)	Gate Pads (each)	Drain Pads (each)
MwT-PH3F	24.0	14.0	32	50	425 x 260	300	1	1
MwT-PH4F	23.0	14.0	32	45	385 x 260	180	1	1
MwT-PH7F	24.5	15.0	30	45	365 x 260	250	2	2
MwT-PH9F	28.0	13.0	34	45	485 x 315	750	1	1
MwT-PH15F	28.5	12.0	34	45	785 x 260	630	4	2
MwT-PH27F	25.0	16.0	31	45	340 x 360	400	1	1
MwT-PH28F	26.5	13.0	32	45	340 x 360	600	1	1
MwT-PH29F	28.5	13.0	35	48	450 x 375	800	1	1
MwT-PH30F	28.0	14.0	34	45	530 x 375	800	2	2
MwT-PH33F	24.0	14.0	29	45	415 x 315	300	1	1

Narrow and Broad Band High Efficiency Amplifier and High Power Amplifier Applications

MODEL	RF Power (dBm)	GAIN (dB)	OIP3 (dBm)	PAE (%)	Chip Size (microns)	Gate Width (microns)	Gate Pads (each)	Drain Pads (each)
MwT-PH8F	30.0	11.0	37	42	670 x 315	1200	2	2
MwT-PH11F	33.0	12.0	40	45	780 x 345	2400	2	2
MwT-PH31F	30.0	13.0	35	44	530 x 375	1200	2	2
MwT-PH32F	30.5	13.0	37	43	530 x 375	1600	2	2

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