

WiMAX Gan Based RF Power Amplifiers

Features:

High linearity and high efficiency RF power amplifier products with output power up to 10 watts, based on advanced high reliability GaN device technology.

PartNumber	Division	Freq. (GHz)	DCPower(W) Tomaintain IM3	Gain(dB)	Gain Typ/Min (dB)	P-1(dBm)	P-3(dBm)	IM3(dBc) @Po=20dBm/100W	OIP3(dBm) @Po=20dBm/100W	OIP3(dBm) @Po=10dBm/10W	In/Out ReturnLoss(dB)	LinearGain Typ/Max (dB)	GainFlatness Typ/Max (+/-dB)	InputRL Typ (dB)	OutputRL Typ (dB)	NF Typ (dB)	Pout @-1dB Typ(dBm)	OIP3 Typ (dBm)	Vdd (V)	DC Current Typ/Max (mA)	Package Style	Status
MMA-012030	MWT INC	0.1-20	6 (12V 0.5A)	12.5	-	27	29	-	-	37	10	-	+/- 0.5	-	-	-	-	-	-	-	Chip	Active Part
MMA-012727-R4	MWT INC	0.1-26.5	3.5W (10V 0.35A)	12.5	-	26	27	-	-	35	11	-	+/- 0.5	-	-	-	-	-	-	-	4x4 QFN	Active Part
MMA-012727	MWT INC	0.1-26.5	3.5W (10V 0.35A)	12.5	-	26	27	-	-	35	11	-	+/- 0.5	-	-	-	-	-	-	-	Chip	Active Part
MMA-121633-R5	MWT INC	12.5-15.5	8.4W (6V 1.4A)	-	23.5 / -	32	34	44	42	-	10	-	-	-	-	-	-	-	-	-	5x5 QFN	Active Part
MMA-174321-R4	MWT INC	17-43	1.125W (4.5V 0.25A)	20	-	21	22	-	-	26	8	-	+/- 2.5	-	-	-	-	-	-	-	4x4 QFN	Active Part
MMA-174321	MWT INC	17-43	1.125W (4.5V 0.25A)	20	-	21	22	-	-	26	8	-	+/- 2.5	-	-	-	-	-	-	-	Chip	Active Part
MMA-020624-L3	MWT INC	2-6	-	-	-	-	-	-	-	-	-	17 / 15	1 / 1.5	12	10	3	25	40	8	250 / 300	L3	Active Part
MMA-020624-P3	MWT INC	2-6	-	-	-	-	-	-	-	-	-	17 / 15	1 / 1.5	12	10	3	25	40	8	250 / 300	P3	Active Part
MMA-273336-R5	MWT INC	27-33	13.2 (6V 2.2A)	22	-	35.5	36.5	36	38	-	10	-	-	-	-	-	-	-	-	-	5x5 QFN	Active Part
MMA-273336	MWT INC	27-33	13.2 (6V 2.2A)	22	-	35.5	36.5	36	38	-	10	-	-	-	-	-	-	-	-	-	Chip	Active Part
MMA-273435-R5	MWT INC	27-34	8.8W (4V 2.2A)	-	20.5 / -	32	34	45	43	-	10	-	-	-	-	-	-	-	-	-	5x5 QFN	Active Part
MMA-283136-R5	MWT INC	28-31	12W (6V 2A)	22	-	35	36	40	40	-	10	-	-	-	-	-	-	-	-	-	5x5 QFN	Active Part
MMA-283136	MWT INC	28-31	12W (6V 2A)	22	-	35	36	40	40	-	10	-	-	-	-	-	-	-	-	-	Chip	Active Part
MMA-005022	MWT INC	30KHz-50	1.4 (7V 0.2A)	15.5	-	22	25	-	-	37	10	-	+/- 1	-	-	-	-	-	-	-	Chip	Active Part
MMA-005022-R4	MWT INC	30KHz-50	1.4 (7V 0.2A)	15.5	-	22	25	-	-	37	10	-	+/- 1	-	-	-	-	-	-	-	4x4 QFN	Active Part
MMA-374030	MWT INC	37-40	10.8W (6V 1.8A)	24	-	31	32	39*	38*	-	10	-	-	-	-	-	-	-	-	-	Chip	Active Part
MMA-374030	MWT INC	37-40	10.8W (6V 1.8A)	-	24	31	32	39*	38*	-	10	-	-	-	-	-	-	-	-	-	Chip	Active Part
MMA-374030-R5	MWT INC	37-40	10.8W (6V 1.8A)	-	24	31	32	39*	38*	-	10	-	-	-	-	-	-	-	-	-	5x5 QFN	Active Part
MMA-374030-R5	MWT INC	37-40	10.8W (6V 1.8A)	24	-	31	32	39*	38*	-	10	-	-	-	-	-	-	-	-	-	5x5 QFN	Active Part
MMA-445933H-02	MWT INC	4.4-5.9	-	-	29 / 33	33	-	-	45	-	10/7	-	-	-	-	-	-	-	-	-	2	Active Part
MLA-06183A-R4	MWT INC	6-18	-	-	-	-	-	-	-	-	-	19	2	10	11	3	20	-	4.5	135	4x4 QFN	Active Part
MMA-062020-C3	MWT INC	6-20	0.6 (5V 0.12A)	13.5	-	18.3	19.5	-	-	28	10	-	+/- 1	-	-	-	-	-	-	-	3X3 QFN	Active Part
MMA-062020	MWT INC	6-20	0.6 (5V 0.12A)	13.5	-	18.3	19.5	-	-	28	10	-	+/- 1	-	-	-	-	-	-	-	Chip	Active Part

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