



Introduction to WAVEPIA's Latest GaN MMIC Solutions

Announcing the latest addition to WAVEPIA's best-in-class GaN-on-SiC MMIC Power Amplifiers which serves a wide range of radar, electronic warfare, satellite, and communication systems.

WPGM0206010M (Broadband GaN MMIC PA)		WPGM0618020M (Broadband GaN MMIC PA)	
• Frequency	: 2-6 GHz	• Frequency	: 6-18 GHz
• Small Signal Gain	: 23.8 dB @ 4GHz	• Small Signal Gain	: 27.7 dB @ 10GHz
• Power Gain	: 17.1 dB @ 4GHz	• Power Gain	: 12.9 dB @ 10GHz
• Pout (Sat.)	: 43.1 dBm @ 4GHz	• Pout (Sat.)	: 43.7 dBm @ 10GHz
• PAE	: 36 % @ 4GHz	• PAE	: 21.5 % @ 10GHz
• Voltage	: 28-32V	• Voltage	: 28-32V
WPGM0811100C (X-band GaN MMIC PA)		WPGM1617050M (Ku-band GaN MMIC PA)	
• Frequency	: 8-11 GHz	• Frequency	: 15-18 GHz
• Small Signal Gain	: 32.4 dB @ 9.5GHz	• Small Signal Gain	: 20.4 dB @ 16.5GHz
• Power Gain	: 25.1 dB @ 9.5GHz	• Power Gain	: 9.8 dB @ 16.5GHz
• Pout (Sat.)	: 50.9 dBm @ 9.5GHz	• Pout (Sat.)	: 47.4 dBm @ 16.5GHz
• PAE	: 41.6 % @ 9.5GHz	• PAE	: 20.9 % @ 16.5GHz
• Voltage	: 28-32V5	• Voltage	: 45-50V

WAVEPIA, a leading RF and MW IC designer and manufacturer, has consistently expanded its business, driven by our proprietary RF GaN-on-SiC technology. This innovation is gaining recognition both domestically and internationally.

We are excited to announce our participation in IMS 2024(@ Booth # 851). We will showcase a range of new products, including GaN MMIC PA, FEM and LNA solutions from low to Ka-band. We look forward to engaging with customers and business partners. Join us at the event to explore new opportunities that can add value to your business.

For more information, please contact us.

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