

## **Highly Integrated Variable Gain Amplifier Expands Wireless Product Portfolio**

RF Micro Devices, Inc. today announced the release of the RFVA0016 – a highly integrated one-quarter watt ( $\frac{1}{4}W$ ) analog-controlled variable gain amplifier (VGA).

RFMD's broadband RFVA0016 VGA features external matching to allow operation in all RF bands between 400 to 2700MHz with a single module. The RFVA0016 delivers 24dBm output compression power with 25dB gain and a temperature compensated 30dB gain range. Consuming only 185mA, the  $\frac{1}{4}W$  VGA delivers an exceptional linear POUT/DC power ratio and is ideal for wireless infrastructure and general purpose RF applications.

This RFVA0016 VGA features a unique linear attenuation slope that can be reversed to a positive or a negative slope via a mode logic pin. The attenuation is controlled by a single 0-volt to 3.3-volt positive supply. The RFVA0016 is packaged in a small 5mm x 5mm, 32-pin laminate multi-chip module (MCM) and is QFN footprint-compatible.

RFMD is exhibiting the RFVA0016 at the IEEE International Microwave Symposium through June 22 in Booth 1210 at the Palais des congress convention center, in Montreal, Canada.

[www.rfmd.com](http://www.rfmd.com) [1]

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