Guerrilla RF's New Family of High Linearity Gain Blocks Feature Industry-leading Linearity and Saturated Output Power

Solutions Enable Small Cells, Cellular Repeaters, LTE/WCDMA Linear/Saturated Driver Amplifiers and other Wireless Infrastructure Applications

GREENSBORO, N.C. – May 19, 2015 – Guerrilla RF Inc., a leading provider of high performance MMICs, today introduces a new line of gain blocks that feature industry-leading linearity and outstanding saturated output power along with low noise. These cost-effective and internally matched devices enable a number of general-market designs including small cells, cellular repeaters, LTE/WCDMA linear driver amplifiers, high power saturated power amplifier (PA) drivers and other wireless infrastructure applications over a wide range of frequencies.

"Guerrilla RF is proud to offer system manufacturers a growing family of high-performance gain blocks at an attractive price," said Alan Ake, vice president of applications and technical marketing at Guerrilla RF. "With their superior performance and lower cost, these devices introduce much needed competition in the high performance gain block marketplace. Our SOT-89 based GRF3013 offers a drop-in replacement to relatively expensive industry standard gain blocks. GRF2013, with its extended high voltage capability, serves as an outstanding saturated driver amplifier for broadband gallium nitride PA devices. We are excited to feature all of these benefits, along with best-in-class nominal 5.0 Volt performance."

According to Research and Markets, the overall wireless network infrastructure market will witness tremendous growth over the coming years. At a compound annual growth rate of over 5 percent, the market will account for over $104 billion in annual spending by the end of 2020.

About Guerrilla RF's High Linearity Gain Blocks

GRF2013 (2.7 – 8.0 Volts) and GRF3013 (industry-standard SOT-89 at 5.0 Volts) are broadband gain blocks with low noise figure, industry-leading linearity and saturated

output power for small cell, wireless infrastructure and other high-performance applications. They exhibit outstanding broadband NF, linearity and return losses over 50 to 3,800 MHz. Configured as driver amplifiers or cascaded gain blocks, these devices offer potential for high levels of reuse within a design and across platforms.

Internally matched to 50 ohms, they only need external direct current blocks and a bias choke on the output. Custom tuning/evaluation board data and device s-parameters are available.

Pricing and Availability

Samples and evaluation boards will be available next month, with full production scheduled for the third quarter. Pricing for 10,000 parts is $1.48 (GRF2013) and $1.10 (GRF3013) each.

About Guerrilla RF

Guerrilla RF provides high performance monolithic microwave integrated circuits (MMICs) to wireless infrastructure original equipment manufacturers in multiple market segments, including enterprise/carrier-class WiFi access points, small cells, wireless backhaul and cellular repeaters. The company's patented Guerrilla Armor™ technology enables greater coverage area and higher data rates for wireless networks. Headquartered in Greensboro, N.C., the company was founded in April 2013 by Ryan Pratt. To date it has raised $3.5 million in funding and introduced over 30 products. All trademarks are the property of their respective owners. For more information please visit http://guerrilla-rf.com or follow the company on LinkedIn.

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