



Guerrilla RF's Newest Ultra-Low Noise Amplifier Features Industry-Leading RF Performance for Demanding Applications

LNA Provides Excellent Linearity, Flat Gain and Ultra-low NF for Small Cells and Wireless Infrastructure Devices Covering Wide Frequency Range with a Single Match

GREENSBORO, N.C. – January 26, 2015 – Guerrilla RF Inc., a leading provider of high performance MMICs, today introduces its latest Ultra-low noise amplifier (Ultra-LNA) with industry-leading broadband RF performance for small cells, macro base stations, distributed antenna systems (DAS) and other wireless devices in the 700-2700 MHz band.

“The growing popularity of cellular infrastructure small cells and DAS networks has created the need for a single LNA that can offer outstanding RF performance over a wide range of frequencies,” said Alan Ake, vice president of applications and technical marketing at Guerrilla RF. “Guerrilla RF’s latest industry-leading solution does just that, making it ideally suited for high performance applications that require a single LNA to cover multiple bands.”

According to Research and Markets, the overall wireless network infrastructure market will witness tremendous growth over the coming years. Growing 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 Newest Broadband, Ultra-Low Noise Amplifier

The [GRF2104](#) is a broadband Ultra-LNA designed for small cells and other high performance applications requiring a single device, which can support multiple frequency bands with a minimum of external components. Its flat 20 dB gain, along with outstanding NF and linearity over 700-2700 MHz, make it an ideal solution. Internal pre-matching to 50 ohms results in a compact, low-cost solution, while its flexible biasing offers high levels of reuse – within a design and across platforms. GRF2104 is offered in a thermally efficient 1.5 x 1.5 x 0.5 mm plastic package.

Pricing and Availability

Samples and evaluation boards are available now, with full production scheduled for the second quarter. Pricing for 10,000 parts is \$1.60 each.

About Guerrilla RF

Guerrilla RF provides high performance monolithic microwave integrated circuits to wireless infrastructure original equipment manufacturers for greater coverage area and higher data rates. With the company's patented Guerrilla Armor™ technology, team of industry veterans and the best semiconductor process technologies, Guerrilla RF is making a big impact across multiple market segments including enterprise and carrier-class WiFi access points, small cells, wireless backhaul and defense. Guerrilla RF is headquartered in Greensboro, N.C. 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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