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## **RFMD Introduces Highly Integrated Amplifier for Mobile PC and Embedded Applications**

### **Fully Matched Product Design With Integrated Filtering Optimizes Customers' Total Solution Size and Cost**

GREENSBORO, N.C., Jun 22, 2010 (GlobeNewswire via COMTEX News Network) -- RF Micro Devices, Inc. (Nasdaq:RFMD), a global leader in the design and manufacture of high-performance radio frequency components and compound semiconductor technologies, today announced availability of the RF5616, a highly integrated 4.9 GHz - 5.8 GHz (ISM band) 3mm x 3mm power amplifier designed to significantly reduce customers' total solution size and cost. The RF5616 is targeted for high-performance mobile PC and embedded applications including access points, gateways, DSL routers, wireless high definition interface (WHDI), and WLAN for wireless video distribution networks.

The RF5616 features a fully matched product design (input/output) and integrated low pass filtering to require only two external bypass components. The RF5616 includes an integrated three-stage PA that provides high gain -- an industry-first for 5GHz band front ends, as well as best-in-class efficiency and a wide range of voltage supply levels (3.0 to 5.0V), enabling high linear output power of 18dBm to 21dBm. The RF5616 also features an interstage power detector, reducing sensitivity to voltage supply, temperature extremes and VSWR while improving accuracy of the closed loop power control. Additionally, a variable linearity mode control enables two modes of operations -- a maximum output power and linearity mode, or a more efficient lower output power mode, with a single control pin. Finally, integrated harmonic attenuation eliminates the need for additional filtering, therefore optimizing the efficiency and maximizing output power at the transmit port.

A direct-to-battery connection eliminates the need for additional DC circuitry, while integrated input and output matching eliminates the need for additional RF matching. The RF5616 is fully tested and available in an industry-leading 3 mm x 3 mm leadless QFN package with backside ground.

#### Availability and Pricing

The RF5616 is available immediately and volume pricing begins at \$0.92.

#### About RFMD

RF Micro Devices, Inc. (Nasdaq:RFMD) is a global leader in the design and manufacture of high-performance radio frequency components and compound semiconductor technologies. RFMD's products enable worldwide mobility, provide enhanced connectivity and support advanced functionality in the cellular handset, wireless infrastructure, wireless local area network (WLAN), CATV/broadband and aerospace and defense markets. RFMD is recognized for its diverse portfolio of semiconductor technologies and RF systems expertise and is a preferred supplier to the world's leading mobile device, customer premises and communications equipment providers.

Headquartered in Greensboro, N.C., RFMD is an ISO 9001- and ISO 14001-certified manufacturer with worldwide engineering, design, sales and service facilities. RFMD is traded on the NASDAQ Global Select Market under the symbol RFMD. For more information, please visit RFMD's web site at [www.rfmd.com](http://www.rfmd.com).

The RF Micro Devices, Inc. logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=6436>

This press release includes "forward-looking statements" within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include, but are not limited to, statements about our plans, objectives, representations and contentions and are not historical facts and typically are identified by use of terms such as "may," "will," "should," "could," "expect," "plan," "anticipate," "believe," "estimate," "predict," "potential," "continue" and similar words, although some forward-looking statements are expressed differently. You should be aware that the forward-looking statements included herein represent management's current judgment and expectations, but our actual results, events and performance could differ materially from those expressed or implied by forward-looking statements. We do not intend to update any of these forward-looking statements or publicly announce the results of any revisions to these forward-looking statements, other than as is required under the federal securities laws. RF Micro Devices' business is subject to numerous risks and uncertainties, including risks associated with the impact of global macroeconomic and credit conditions on our business and the business of our suppliers and customers, variability in operating results, the rate of growth and development of wireless markets, our reliance on inclusion in third party reference designs for a portion of our revenue, our ability to manage channel

partner and customer relationships, risks associated with the operation of our wafer fabrication, molecular beam epitaxy, assembly and test and tape and reel facilities, our ability to complete acquisitions and integrate acquired companies, including the risk that we may not realize expected synergies from our business combinations, our ability to attract and retain skilled personnel and develop leaders, variability in production yields, raw material costs and availability, our ability to reduce costs and improve margins in response to declining average selling prices, our ability to bring new products to market, our ability to adjust production capacity in a timely fashion in response to changes in demand for our products, dependence on a limited number of customers, dependence on gallium arsenide (GaAs) for the majority of our products, and dependence on third parties. These and other risks and uncertainties, which are described in more detail in RF Micro Devices' most recent Annual Report on Form 10-K and other reports and statements filed with the Securities and Exchange Commission, could cause actual results and developments to be materially different from those expressed or implied by any of these forward-looking statements.

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SOURCE: RF Micro Devices

CONTACT: RF Micro Devices, Inc.  
Douglas DeLieto, VP of Investor Relations  
336-678-7088

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