



October 29, 2008

## RFMD(R) Extends Family of Broadband GaAs pHEMT Amplifiers

New ICs Extend RFMD's Product Portfolio in Aerospace and Defense, Telecom Infrastructure And Fiber Optic Markets

GREENSBORO, N.C., Oct. 29 /PRNewswire-FirstCall/ -- RF Micro Devices, Inc. (Nasdaq: RFMD), a global leader in the design and manufacture of high-performance semiconductor components, today announced the addition of four new broadband GaAs pHEMT amplifier integrated circuits (ICs) to RFMD's SUF family of products targeting multiple applications within the Aerospace and Defense (A&D) market. Furthermore, given their broadband frequency performance, the new ICs are also applicable to adjacent growth markets including telecom infrastructure and optical networks.

The SUF-7000, -8000, -8500 and -9000 die-level GaAs pseudomorphic heterojunction transistor (pHEMT) amplifiers broaden the SUF family's range of performance by extending the operational frequency range which now cover DC to 20 GHz and by delivering multiple combinations of P1dB, gain and linearity performance. In many A&D applications die-level amplifiers are preferred because they exhibit superior high-frequency performance characteristics versus packaged parts, enable flexibility for integration and help end-product designers to achieve smaller board layouts. With the expansion of RFMD's SUF family of products, customers across multiple markets can now simplify their platform supply base by selecting amplifiers from a diverse high-performance portfolio.

"Given the broadband frequency performance requirements of our defense customers, we are able to simultaneously deliver a family of new high performance ICs which address both military and non-military opportunities with the same IC solution," said Jeff Shealy, vice president and general manager of RFMD's Aerospace and Defense Business Unit. "Intelligent re-use of RF circuit design combined with our Optimum Technology Matching (OTM™) strategy are key to our ability to accelerate penetration in multiple RF markets."

In addition to A&D, telecom infrastructure and optical networks, new markets, such as test and instrumentation, also see value in the SUF family, but may find it difficult to utilize die-level products in various applications. Accordingly RFMD is releasing packaged versions of select SUF family amplifiers for production during the first quarter of 2009. Supporting both die- and package-level products allows maximum flexibility for customers focused on multi-chip integration as well as radio board development.

Technical features of the featured SUF products include:

	SUF-7000	SUF-8000	SUF-8500	SUF-9000
Frequency Range	0.1-16 GHz	DC-12 GHz	DC-10 GHz	DC-10 GHz
P1db (@ 10GHz)	15 dBm	13 dBm	13 dBm	13 dBm
Small Signal Gain (@ 10GHz)	11 dB	11 dB	12. dB	19 dB
OIP3 (@ 10GHz)	27 dBm	28 dBm	28 dBm	28 dBm
NF (@ 10GHz)	4.1 dB	4.3 dB	3.5 dB	2.7 dB
Supply Voltage	5V	5V w/ dropping resistor	5V w/dropping resistor	5V
Supply Current	55mA	58mA	58mA	25mA

The SUF family of amplifiers are immediately available in mass production quantities, and revenue from the new ICs is expected by the end of 2008.

RFMD's Aerospace and Defense Business Unit delivers a broad product portfolio for multiple A&D market segments, including radio and communications systems, radar systems, space systems, satellite and missile programs, telemetry and homeland security. Among RFMD's extensive product offerings are COTS amplifiers, high power amplifiers, high reliability amplifiers, low noise amplifiers, mixers, power dividers, transformers, VCOs and PLL modules.

About RFMD: RF Micro Devices, Inc. (Nasdaq GS: RFMD) is a global leader in the design and manufacture of high-performance semiconductor components. 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).

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 variability in quarterly operating results, the rate of growth and development of wireless markets, risks associated with our planned exit from our wireless systems business, including cellular transceivers and GPS solutions, the risk that restructuring charges may be greater than originally anticipated and that the cost savings and other benefits from the restructuring may not be achieved, risks associated with the operation of our wafer fabrication facilities, molecular beam epitaxy facility, assembly facility 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, our ability to reduce costs and improve gross margins by implementing innovative technologies, 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, 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 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, Inc. 10/29/2008

CONTACT: Doug DeLieto, VP, Investor Relations, 1-336-678-7968,

or

Jerry Neal, Executive Vice President, 1-336-678-7001,

both of RFMD

Web Site: <http://www.rfmd.com> (RFMD)