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RFMD(R) Expands Portfolio of Integrated Configurable Components to Target Cellular Repeater and WLAN Markets

GREENSBORO, N.C., April 7, 2009 (GLOBE NEWSWIRE) -- RF Micro Devices, Inc. (Nasdaq:RFMD), a global leader in the design and manufacture of high-performance semiconductor components, today announced it has extended its portfolio of integrated configurable components to include products for the cellular repeater and Wireless Local Area Network (WLAN) markets. The new integrated configurable components include the RF2057 RF synthesizer with integrated mixers and the RF2059 RF transverter.

RFMD's integrated configurable components deliver unmatched levels of flexibility and functional integration to designers of radio systems. By integrating multiple common radio frequency (RF) functions into highly integrated, size-reduced packages, the integrated configurable components enable designers to develop radio systems that operate over a wide dynamic range and across a broad range of frequencies and channel bandwidths. The RF2057 and RF2059 join the RF2051, RF2052 and RF2053, which were introduced in April 2008 and have been adopted in markets as diverse as cellular, defense and broadband cable systems.

Alastair Upton, general manager of RFMD's Broadband Products business unit, said, "The RF2057 and RF2059 demonstrate RFMD's commitment to delivering valuable innovations that support our customers' success. The unique system partitioning and functional integration of RFMD's integrated configurable components help radio designers shrink circuit board area, reduce risk, simplify implementation and shorten product development time, thereby lowering the cost of implementation."

Highlights of the new integrated configurable components include:

RF2057 RF Synthesizer

The RF2057 RF synthesizer provides designers of cellular repeaters an improved level of integration within the performance parameters required to meet the W-CDMA/PCS specifications for pico and mini repeaters. Repeaters are used to extend the range of cellular networks and to provide coverage in cellular "dead" spots.

The RF2057 includes all functions required for frequency downconversion and upconversion, a fractional-N phase locked loop (PLL) synthesizer capable of tuning accuracy of approximately 1Hz, a wideband monolithic voltage controlled oscillator (VCO) with a tuning range of 1900MHz to 2400MHz, local oscillator (LO) drivers and two double-balanced wideband mixers with a minimum IIP3 of +18dBm.

By integrating the interface between the VCOs and mixers, the RF2057 can deliver highly reliable operation at published specifications, significantly reducing design time and risk in radio implementation. Additionally, by combining the PLL, VCO, LO path and mixers into a single 5x5mm package, the RF2057 delivers a size-reduced solution for low- to mid-power cellular repeaters that provides superior flexibility in implementation.

RF2059 RF Transverter

The RF2059 RF transverter provides designers of WLAN systems a size-reduced and simplified solution for converting RF signals between the 2.4GHz and 900MHz ISM bands. The RF2059 is placed between the WLAN chipset and the RF front end, and all functionality necessary for frequency conversion is integrated on-chip.

The RF2059 contains a PLL synthesizer, a VCO capable of meeting WLAN linearity and accuracy requirements and two double-balanced mixers for receive and transmit paths. By integrating the synthesizer, VCOs and mixers on-chip, combined with the buffer circuits usually required to implement the functions discretely, the RF2059 delivers significant circuit board space savings and simplicity of implementation, versus typical discrete implementations, with negligible signal degradation (typically less than 0.8% RMS). The RF2059 is programmed and controlled through a simple 3-wire interface and housed in a compact 5x5mm package. The RF2059 transverter can also be used in certain cellular repeater systems.

The RF2057 and RF2059 are priced at \$5.60 in quantities of 1,000. Samples and high volume production quantities are available immediately. For more information please see www.rfmd.com/RF205x.

RF Micro Devices, Inc. (Nasdaq: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.

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 impact of global macroeconomic and credit conditions on our business, 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, the risk that the actual amount and impact of the non-cash impairment charges may vary from estimates, 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 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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CONTACT: RFMD
Doug DeLieto, VP, Investor Relations
336-678-7968
Jerry Neal, Executive Vice President

336-678-7001