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RF Micro Devices(R) Expands Product Portfolio Featuring Ember ZigBee(R) Technology

Highly Integrated RF6555 Front-End Module Developed With Ember to Target Smart Energy Applications

GREENSBORO, N.C. and BOSTON, June 14, 2011 (GLOBE NEWSWIRE) -- 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 unveiled the highly integrated RF6555 ZigBee® front end module (FEM). The RF6555 is RFMD's newest ZigBee FEM and is optimized for smart energy/advanced metering infrastructure (AMI) applications providing utilities and consumers more control over how they monitor and save energy. ZigBee is a global low power wireless networking standard for monitoring and control across a variety of applications, including energy management, safety and security, home automation, lighting, and electrical appliances.

The highly integrated RF6555 combines the power amplifier (PA), harmonic transmit filtering, and low noise amplifier (LNA) with bypass mode in a single 5mm x 5mm x 1mm package, enabling customers to shrink product footprint, accelerate product time-to-market, lower bill of material (BOM) costs, and reduce power consumption for Smart Energy and Home Area Network (HAN) applications.

RFMD's RF6555 is ideally suited for battery operated smart grid and smart energy applications, such as smart meters, demand response, and HAN devices. The RF6555 is also suited for industrial and other wireless sensing and control applications requiring low power consumption, high performance, and proven reliability.

RFMD's RF6555 operates with Ember's EM300 Series chips — the EM351 and the EM357, in both system-on-chip (SoC) and network co-processor modes, as well as with Ember's EM250 SoC and EM260 network co-processor.

Bob Van Buskirk, president of RFMD's Multi-Market Products Group (MPG), said, "RFMD is pleased to collaborate with Ember to deliver highly integrated, high performance ZigBee solutions that reduce our customers' design cycle times, lower product BOM costs, and accelerate product time to market. Industry analysts forecast global smart energy deployments will continue to grow rapidly, with particular demand anticipated in low-power wireless networking technologies like ZigBee."

Ember's ZigBee networking systems — [chips, ZigBee protocol software and tools](#) — simplify the complexity of integrating embedded software, networking and RF for developing low power, wireless products in smart energy, connected home and other remote monitoring and control applications. Since its inception, Ember has been an industry leader and the most deployed ZigBee platform in the market.

The EM300 Series is Ember's next-generation ZigBee chip family, and the world's foremost ARM Cortex-M3 based ZigBee SoC, packing the industry's highest wireless networking performance and application code space into the lowest power-consuming chip set. The EM250 and EM260 are the most deployed family of ZigBee semiconductors. Ember's ZigBee semiconductors are renowned for delivering excellent RF performance, sensitivity and transmit power for long range, and 802.11 immunity.

For additional information please visit <http://rfmd.com/ember/zigbeef6555-em35x.aspx>.

About Ember

Ember Corporation (www.ember.com) develops wireless mesh networking technology — chips, software, tools — for Smart Energy, connected homes, as well as many other monitoring and control applications enabling greener living and work environments. The Boston based company is a promoter of the ZigBee Alliance with an IC design center in Cambridge, England, office in Hong Kong and sales channels worldwide.

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.

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 the risk that variability in consumer, enterprise, infrastructure and government spending resulting from negative global macroeconomic conditions could materially impact the demand for our products, the inability of certain of our customers to access their traditional sources of credit, which could lead them to reduce their level of purchases or seek credit or other accommodations from us, the risk that certain of our suppliers may be unable to access their traditional sources of credit to finance their operations, which could lead them to reduce their level of support for us, variability in operating results, the rate of growth and development of the markets we serve, risks associated with the reduced investment in our wireless systems business, including cellular transceivers, our ability to execute on our plans to consolidate or relocate manufacturing operations, 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 facilities, molecular beam epitaxy facility, assembly facility and test and tape and reel facilities, our ability to 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 for key business units and functions, 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 in response to market shifts and to use technological innovation to shorten time-to-market for our products, 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 for a substantial portion of our revenues, dependence on gallium arsenide (GaAs) for the majority of our products, the risks associated with the development and qualification of new compound semiconductor process technologies, and dependence on third parties, including wafer foundries, passive component manufacturers, assembly and packaging suppliers and test and tape and reel suppliers. 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: At RFMD(R)

Doug DeLieto

VP, Investor Relations

336-678-5322



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