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## **RFMD Expands Broadband Product Portfolio With Market Leading Differential Amplifiers for CATV Networks**

### **Products Feature RFMD's Low-Power, Wide-Bandwidth GaN-Based Technology**

ATLANTA, Nov. 15, 2011 (GLOBE NEWSWIRE) -- SCTE Cable-Tec Expo® -- 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 the introduction of a new product family of high performance differential amplifiers for cable television (CATV) networks. The broadband CATV products leverage RFMD's product and technology leadership to deliver enhanced functionality and improved performance to CATV access networks worldwide.

Specifically, RFMD's newest broadband CATV products (the RFCM2680, RFPP2870, RFAM2790, and RFCA8818) leverage the Company's combination of advanced compound semiconductor technologies, high-volume module assembly, and industry-leading manufacturing scale to enable measurable improvements in efficiency, size, and performance. RFMD's GaN technology, in particular, delivers unprecedented gains in performance and power efficiency, at a time when both are increasingly critical to CATV network deployment.

Alastair Upton, general manager of RFMD's Broadband Components business unit, said, "To accommodate the explosive consumer demand for digital content, multi-system operators (MSOs) are seeking more bandwidth, higher output, and lower distortion, while also requiring lower power consumption to reduce operating expenses and lower total system cost to mitigate the cost of capital-intensive network changes. RFMD's broadband CATV products are designed to address these challenges and meet our customers' current and future needs for efficiency, size, and performance. By delivering advanced functionality and enhanced performance across a broad range of CATV applications, RFMD is helping our customers to achieve new levels of performance in the CATV marketplace."

#### **Product Information:**

- The RFCM2680. The RFCM2680 is the world's first GaN-based surface mount power doubler. Capable of delivering +61dBmV output power, the RFCM2680 consumes 20% less current for the same linearity performance, compared to GaAs technology. The RFCM2680's surface mount package allows up to 50% savings in board area over industry-standard SOT115J packages.
- The RFPP2870. The RFPP2870 is a GaN-based push-pull amplifier featuring high gain 28dB (minimum at 1003MHz) and excellent linearity at low distortion levels. It is available in an industry-standard SOT115J package.
- The RFAM2790. The RFAM2790 functions as an Edge QAM amplifier or a push-pull amplifier with +46dBmV output power. Its inner-stage attenuator provides 8-28dB gain range and it features power-down functionality for power save mode. The part meets DOCSIS 3.0 specifications with 7dB margin.
- The RFCA8818. The RFCA8818 is a push-pull amplifier featuring low noise performance (2dB noise figure). It is optimized for CATV line driver stages and delivers 17dB gain, +34dBmV minimum output power, and internal input and output matching.

Samples of the RFCM2680, RFPP2870, RFAM2790, and RFCA8818 are available now through RFMD's online store, or through local RFMD sales channels.

RFMD's extensive portfolio of CATV products includes SOT115J packaged amplifiers, MMICs, modules, frequency modulation components, and passive components. RFMD is showcasing its portfolio of industry-leading wired broadband components at the SCTE Cable-Tec Expo, in Atlanta, Georgia, in Booth 1546, from November 15 until November 17, 2011.

#### **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 variability in operating results, risks associated with the impact of global macroeconomic and credit conditions on our business and the business of our suppliers and customers, our reliance on a few large customers for a substantial portion of our revenue, the rate of growth and development of wireless markets, our ability to bring new products to market, 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 adjust production capacity in a timely fashion in response to changes in demand for our products, dependence on gallium arsenide (GaAs) for the majority of our products, dependence on third parties, and substantial reliance on international sales and operations. 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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