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RFMD(R) Announces Availability of 3G Transmit System

BARCELONA, Spain, Feb 11, 2008 /PRNewswire-FirstCall via COMTEX News Network/ -- RF Micro Devices, Inc. (Nasdaq: RFMD), a global leader in the design and manufacture of high- performance radio systems and solutions, today announced general market availability of the RF6280 3G transmit system, a flexible 3G multi-mode solution designed to simplify and accelerate implementation of multi-band and multi-mode 3G handsets and mobile device platforms.

RFMD's RF6280 3G transmit system supports all major WCDMA frequency bands and is comprised of a front end power management IC optimized for use with either one or both of two available power amplifier (PA) options: the RF6281 and/or the RF6285. The RF6281 is a dedicated single-band power amplifier module (supporting Band I), and the RF6285 is a flexible dual-path, multi-band power amplifier module (capable of supporting Bands I, II, III, IV, V, VI, VIII, IX). The centerpiece of the 3G transmit system is the RF6280 front end power management IC, which combines a low-noise, high efficiency DC to DC converter with embedded hardware control algorithms to enable best-in-class efficiency, enhanced performance and improved ease-of-use.

The RF6280 utilizes analog bias control and patent-pending DC to DC conversion technologies to intelligently and dynamically control PA operating conditions. Enabling mode-optimized PA efficiency and linearity performance, the RF6280 also ensures maximum efficiency across all power levels, data rates (voice-only to HSPA) and non-ideal load conditions (also known as "antenna mismatch"). This helps extend battery life and significantly reduces average thermal dissipation, both of which are critical metrics to handset manufacturers.

By leveraging the broadband characteristics of the dual-band RF6285, RFMD's 3G transmit system greatly simplifies the implementation of multi-mode, multi-region 3G handset platforms. In addition, by leveraging a balanced (quadrature) PA architecture, the 3G transmit system provides improved total radiated power (TRP) and specific absorption rate (SAR) performance, eliminating the need for costly RF isolators and greatly simplifying multi- band platform implementation.

Paul Augustine, general manager of RFMD's Components Solutions Business Unit, said, "RFMD's RF6280 3G transmit system extends RFMD's position as the leading supplier of WCDMA power amplifiers and demonstrates our ability to deliver innovative, industry-leading products to the marketplace. The RF6280 3G transmit system provides customers the flexibility to design a single platform that can support multiple WCDMA bands simply by changing filter components. No change to the RF layout of the phone board is necessary."

The compact design of the RF6280 transmit system enables a significant reduction in the space requirements of a tri-band WCDMA solution, including filtering and front end power management, as compared to competitive solutions. When combined with the benefits of improved TRP and SAR and best- in-class efficiency, the RF6280 3G transmit system delivers a compelling solution to customers seeking highly efficient, cost-effective and flexible WCDMA platforms.

RFMD is the industry leader in WCDMA front ends, and RFMD is the industry leader in TRP-compliant 3G multi-mode front ends, reducing variation in output power into mismatched antennas.

Total radiated power (TRP) is the measure of a mobile device's radiated output power. TRP is a function of the output power of the PA, the antenna's radiation efficiency and the PA's sensitivity to antenna mismatch. Antenna mismatch occurs in all handsets and is more predominant in multi-band handsets because of the increase in the number of bands supported by the antenna. As a result of antenna mismatch, handsets can operate below planned output power, resulting in dropped calls, or above planned output power, resulting in decreased talk time, poor call quality and reduced data rates. Improvements in TRP increase network efficiency, network coverage and data throughput while also reducing the frequency of dropped calls.

The RF6280, RF6281 and RF6285 all comply with the Restriction of Hazardous Substances Directive (RoHS) and are available for sampling. RF6280 3G transmit system pricing in 10,000-piece quantities is $5.00.

RFMD will showcase its industry-leading portfolio of cellular front end products at the 2008 GSMA Mobile World Congress in Barcelona, Spain, February 11-14, 2008, in Hall 8, Stand 8B79.

About RFMD:

RF Micro Devices (Nasdaq GS: RFMD) is a global leader in the design and manufacture of high-performance radio frequency

systems and solutions. RFMD's cellular front ends, cellular transceivers, RF components and system-on-chip (SoC) solutions enable worldwide mobility, provide enhanced connectivity and support advanced functionality in the cellular handset, cellular base station, wireless local area network (WLAN), CATV networking, aerospace, defense, and global positioning systems (GPS) markets. Recognized for its diverse portfolio of state-of-the-art semiconductor technologies and vast RF systems expertise, RFMD is a preferred supplier to the world's leading mobile device and RF equipment manufacturers.

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 website 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 rate of growth and development of wireless markets, 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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