

RFM News Release

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RFM NAMED TOP 100 IN M2M BY *M2M MAGAZINE* FOR FOURTH CONSECUTIVE YEAR

DALLAS--(BUSINESS WIRE)--December 15, 2009--**RF Monolithics, Inc.**, (NASDAQ:RFMI) (RFM) a leader in machine-to-machine (M2M) wireless communications announced today that for the fourth consecutive year, the company was recognized by *M2M Magazine* as one of the top 100 M2M companies world-wide.

The “2010 M2M 100” is a list of the most important and influential M2M technology providers as determined by the editors of *M2M Magazine* and its editorial advisory board. Published annually, the M2M 100 is designed to provide a snapshot of the market as it exists today and the companies with the greatest impact on its direction. Companies are chosen for the M2M 100 based on a number of criteria, including strength and number of customer references; establishment in the market; growth potential; and active involvement in and support for the M2M community.

RFM CEO David M. Kirk said, “RFM is honored to be recognized as a leader in the M2M space, which we believe will grow to be a sizable contributor to our future business.” Farlin Halsey, VP of Marketing added, “this award and our improved business performance further solidifies our strategy of continued focus and investment in developing RF modules and short-range radio products that further enable machine-to-machine connectivity in our global markets.” Recently launched products include:

- A new series of Multi-Function Frequency Hopping Spread Spectrum (FHSS) RF Modules – the DNT900 at 900 MHz and the DNT2400 at 2.4 GHz. The DNT series is an innovative line of highly configurable, low-cost FHSS modules are suitable for wide variety of applications including Supervisory Control and Data Acquisition (SCADA) applications,

Industrial Automation and Control, and Wireless Sensor Networking. The DNT series RF modules deliver serial and I/O data, multiple RF data rates, and multiple RF power rates (up to 1 Watt for the DNT900 and can be adjusted from 1mW to 100mW for the DNT2400).

- An additional series of 2.4 GHz RF Modules to its 802.15.4 product line – the LPR2430. The new LPR2430 series provides the flexibility and versatility to serve a variety of applications, from simple cable replacement to remote terminal data collection to sophisticated sensor networks. The LPR2430 series RF modules is comprised of the low-power 1mW RF power LPR2430 and LPR2430A modules and the extended range 100mW RF power LPR2430ER and LPR2430ERA modules.
- Expanded low-power short-range radio RFIC line with the addition of the new 300 MHz to 510 MHz TRC105 transceiver radio – the TRC105. This new enabling two-way wireless communications in a wide range of applications including AMR (Automated Meter Reading), Medical (MICS), Home & Industrial Automation, Security Systems, Two-Way RKE (Remote Keyless Entry), Automobile Immobilizers, Asset Tracking Systems, Sports & Recreation Equipment, Low Power Two-Way Telemetry Systems, Wireless Toys, and Controlled Entry/Access.

To see additional products released by RFM, go to www.RFM.com.

As determined by the editors of M2M Magazine, over 300 companies were considered for their achievements including strength and number of customer references; strength of product/service portfolio; strength of business model; establishment and active involvement in the M2M market; and growth potential. The M2M 100 can be found in the 2010 M2M Sourcebook at: www.m2mmag.com.

About RFM

RF Monolithics, Inc., headquartered in Dallas, Texas, is a provider of solutions-driven, technology-enabled wireless connectivity for a broad range of wireless applications—from individual standardized and custom components to modules for comprehensive industrial wireless sensor networks and machine-to-machine (M2M) technology. For more information on RF Monolithics, Inc., please visit the Company's website at <http://www.RFM.com>.

Forward-Looking Statements

This news release contains forward-looking statements, made pursuant to the Safe Harbor Provision of the Private Securities Litigation Reform Act of 1995, that involve risks and uncertainties. Statements of the plans, objectives, expectations and intentions of RFM and/or its wholly-owned subsidiaries (collectively, the “Company” or “we”) involve risks and uncertainties. Statements containing terms such as “believe,” “expect,” “plan,” “anticipate,” “may” or similar terms are considered to contain uncertainty and are

forward-looking statements. Such statements are based on information available to management as of the time of such statements and relate to, among other things, expectations of the business environment in which we operate, projections of future performance, perceived opportunities and uncertainties in our markets, availability of working capital on reasonable terms, statements regarding our mission and vision, and future financial and operating results. Such statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions, including risks related to maintaining favorable terms of sales with suppliers, economic conditions as related to our customer base, collection of receivables from customers who may be affected by economic conditions, the highly competitive market in which we operate rapid changes in technologies that may displace products sold by us, declining prices of products, our reliance on distributors, delays in product development efforts, uncertainty in customer acceptance of our products, and changes in our level of sales or profitability, as well as the other risks detailed from time to time in our SEC reports, including the report on Form 10-K for the year ended August 31, 2009. We do not assume any obligation to update any information contained in this release.

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