

RFM News Release

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RFM DEMONSTRATING ENERGY HARVESTING FOR RFM RF RADIO MODULES FOR EMBEDDED WIRELESS SENSOR AND M2M APPLICATIONS AT ESC SILICON VALLEY EXHIBIT APRIL 26-29, 2010

DALLAS—April 26, 2010--RF Monolithics, Inc. (NASDAQ: RFMI) (“RFM” or “the Company”) announces that RF modules expert Tim Cutler, Director of M2M Business for RFM, will be performing live demonstrations of energy harvesting for the RFM RF modules in the company’s upcoming exhibit at the Embedded Systems Conference (ESC) 2010 in Silicon Valley April 26 – 29, 2010.

Located in ESC Silicon Valley booth #940, the live demonstration will show how emerging harvesting techniques via solar power can provide continuous power for the operation of RFM’s low-power modules for wireless sensor applications. A free whitepaper detailing the design considerations and the design itself will be available at the booth.

“Energy harvesting has huge potential to reduce maintenance costs of eventual and repeated battery replacement in the operation of RF radio modules,” said Tim Cutler. “The energy harvesting industry has begun to develop technologies to take advantage of varied sources of micropower (power measured in milliwatts) including solar, vibration, thermal, and RF energy.

Depending on the application, there may be one or two optimal energy harvesting technologies that will be capable of providing the micropower needed to operate RF radio modules in wireless sensor and M2M applications.”

The demonstration will showcase the energy harvesting wireless temperature sensor that RFM designed and that has been running in an outdoor environment for a number of months. This sensor is designed to handle the realities of energy harvesting - namely that the source of the energy is not always present and its presence or absence is not predictable. Using solar power, the system must obviously store energy during the daylight hours for use at night time, but also handle days with limited or no sunlight. The design also addresses practical considerations such as that the earth doesn't go from total darkness to total sunlight and thus the source of energy gradually appears as the sun rises in the morning. The accompanying whitepaper discusses all of these design considerations and includes schematics and a bill of material that can provide a head start to those wishing to develop their own solar power energy harvester.

The company will also be conducting daily drawings for the opportunity to win a module or short-range radio developer kit from among its broad selection of developer products.

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> or follow us on twitter at http://twitter.com/wireless_is_RFM.

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 in the market and statements regarding our mission and vision, future financial and operating results. Such statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions, including risks related to economic conditions as related to our customer base, collection of receivables from customers who may be affected by economic conditions, maintaining favorable terms of sales with customers and suppliers, 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, changes in our level of sales or profitability, manufacturing and sourcing risks, availability and lead times of raw materials, cost of components for our products, product defects and returns, 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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