

RFM News Release

Media Contacts: Sissy Toney, 972-789-3824
Director of Marketing Communications, RFM
stoney@rfm.com

Investor Contacts: Buddy Barnes, 972-448-3789
Chief Financial Officer, RFM
bbarnes@rfm.com

RFM ADDS TO ITS LINE OF 802.15.4 RADIO MODULE PRODUCTS FOR OEMS

Delivering Serial and I/O Data, Auto-Reporting, and I/O Binding

DALLAS, TEXAS, (June 1, 2009) RF Monolithics, Inc. (RFM. [NASDAQ: RFMI]) announced today the LPR2430 Series of Radio Frequency (RF) transceiver modules, adding to its 802.15.4 wireless sensor networking line of products for original equipment manufacturers (OEMs). Comprised of the low-power 1mW RF power LPR2430 and LPR2430A modules and the extended range 100mW RF power LPR2430ER and LPR2430ERA modules, the RFM LPR2430 Series modules provide the flexibility and versatility to serve a variety of applications, from simple cable replacement to remote terminal data collection to sophisticated sensor networks. Peer-to-peer, point-to-point, and point-to-multipoint networks are supported.

Target applications include security systems, medical patient telemetry, and medical lab equipment monitoring / control, smart grid and smart buildings for automation and control, environmental monitoring, cold chain / food safety monitoring wireless sensor networks, and industrial monitoring.

“With the release of this enhanced series of 802.15.4 compliant modules, RFM has responded to customers that desire more sophisticated functionality than what most other 802.15.4 standards-based modules in the market provide,” said Tim Cutler, RFM’s Director of Product Marketing for RF module products. “RFM has designed an 802.15.4 radio module with features that enable design engineers to configure the module to do exactly what they need it to do without having to

write their own code. The result is rapid integration, shortened time-to-market, and overall lower engineering design costs.”

Multifaceted I/O Capabilities:

- Standard UART interface for serial communications plus 6 GPIO, 3 ADCs, and 2 DACs (PWMs);
- With the I/O Binding feature, one node has the ability to output on 2 GPIO lines the input value of 2 GPIO lines from another node; I/O Binding supports outputting the input value of one of the ADC lines from one node on the DAC (PWM) line of another node; one of the nodes can be the base node but is not required to be a base node; and
- Firmware features and functions make it easy for the designer to make full use of module I/O.

Full Sensor Functionality:

- Auto-reporting features allow many sensor nodes to be built without a dedicated microcontroller - the micro-controller on the module does all the work;
- Auto-reporting mode provides module I/O updates based on timer or interrupts - without the need for the application to poll or otherwise request data; and
- Interrupts are generated by edge-triggered events or by exceeding user-defined limits on ADC values - and any interrupt can be used to wake a sleeping mode and have the module send its I/O data.

Relay Function Avoids Obstructions:

- Unique one-hop relay function that allows one node to send data to the base radio through another node; and
- Relay is only used when the node cannot communicate directly with the base and doesn't burden the entire network with the complexity and latency of a full mesh.

Designers save additional time and money by eliminating the need to receive regulatory certifications because the LPR2430 Series of modules is fully regulatory-agency certified for the US (FCC), Canada (IC) and Europe (ETSI). The LPR2430 is pin-for-pin compatible with

RFM's ZigBee, 802.11g WiFi®, and TSMP modules giving designers the ability to offer multiple radio technologies for products using a single design.

Developer kits will be available by early July 2009 from RFM distributors Avnet, Digi-Key, Mouser Electronics, and Nu Horizons.

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 standard and custom components to modules for comprehensive industrial wireless sensor networks and machine-to-machine (M2M) technology. For more information on RFM, please visit the Company's website at 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 in the market and statements regarding our mission and vision. 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, alliances as planned, 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 consumer 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, 2008. We do not assume any obligation to update any information contained in this release.

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