

# RFM News Release

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## **RFM LAUNCHES MULTI-FUNCTION 2.4 GHZ FREQUENCY HOPPING OEM RF MODULES**

*Delivering Serial and I/O Data, Configurable RF Data Rates, and Auto-Reporting*

**CHICAGO, ILLINOIS, (June 9, 2008) RF Monolithics, Inc. (“RFM”) [NASDAQ: RFMI]**, announced at the Sensors Expo 2009 today the release of DNT2400, the second product in the company’s new innovative line of highly configurable, low-cost, long-range frequency hopping spread spectrum (FHSS) modules for original equipment manufacturers (OEMs). RFM will be showcasing its broad portfolio of RF modules line including the new DNT2400 in booth #400 in the Donald E Stephens Convention Center.

Operating in the 2.4 GHz ISM band, the DNT2400 is a multi-purpose, multi-function OEM RF module suitable for wide variety of applications including Supervisory Control And Data Acquisition (SCADA) applications, Industrial Automation and Control, and Wireless Sensor Networking. The RFM advanced networking features and robust proprietary frequency hopping technology found in the DNT2400 provides an extremely reliable radio with sophisticated features at a remarkably low single piece price of \$69.

"This 2.4GHz member of the DNT series brings the same highly configurable, multifunctional performance of the DNT900 to applications needing world-wide acceptance. With configurable RF data rates and transmit powers, analog and digital I/O in addition to serial interfaces, and

auto-reporting and sleep modes, the DNT2400 offers incredible flexibility and versatility at a price that allows it to be used in a wide array of products."

Over-the-air data rates vary from 38.4 to 500 kbps while the transmit power can be adjusted from 1mW to 100mW. Additionally, the DNT2400 provides total flexibility in how fast the radio hops, how bandwidth is allocated between remotes and the base, support for co-located networks, and a variety of sleep modes, to name but a few of the configuration options available. When designers have multiple products needing different radio performance, they can use the DNT2400 for all their products by simply configuring the DNT2400 for the desired performance. The DNT2400 is pin-for-pin compatible with RFM's DNT900 giving designers the option of 2.4GHz or 900MHz operation in a single design.

The DNT2400 provides a TDMA mode for guaranteed bandwidth as well as a CSMA mode that supports networks of unlimited numbers of nodes. RFM's advanced networking features and robust frequency hopping technology along with a full 24-bit CRC and ARQ error detection and correction scheme provide an extremely reliable radio with sophisticated features.

For WSN applications, the DNT2400 provides the ability to collect sensor data directly from devices using its analog and digital I/O to wirelessly transmit sensor data. With both a standard UART serial port as well as a collection of 3 ADC inputs, 2 DAC outputs and 6 GPIOs, the DNT2400 is well suited for any sensor application. The DNT2400 is also suitable for battery operation with its ability to auto-report sensor data and to sleep in between reports.

RFM offers a developer kit - the DNT2400DK - to help design engineers fast track their designs. The DNT2400DK developer kit will be available in early July from RFM distributors Avnet, Digi-Key, Mouser Electronics, and Nu Horizons.

### **About RFM**

RFM, 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](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 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, collection of receivables from customers who may be affected by economic conditions, our bankers willingness to work with us in structuring credit facilities as needed, maintaining favorable terms of sales with 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 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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