

RFM News Release

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RFM INTRODUCES LOW-COST 2.4 GHZ FREQUENCY HOPPING MODULE FOR SENSING, TELEMETRY AND CONTROL APPLICATIONS

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

DALLAS, TEXAS, (September 27, 2011) RF Monolithics, Inc. (“RFM”) [NASDAQ: RFMI], today introduced the DNT24 at the ESC Boston (exhibiting in Booth #425) in the Hynes Convention Center in Boston, Massachusetts. The DNT24 is the latest in the company’s innovative line of low-cost, long-range frequency hopping spread spectrum (FHSS) modules for original equipment manufacturers (OEMs). The DNT24 module is a very affordable solution for wireless applications that require reliable performance in difficult or unpredictable RF environments that also need a robust set of networking features.

“Flexibility and a high level of configurability are hallmark features of the DNT series, and the DNT24 is no exception,” said Tim Cutler, RFM’s director of business development for M2M business. “For cost-sensitive applications, this new 2.4 GHz member of the DNT series brings the same superior combination of FHSS, low-cost and long-range functionality **as the companion 900 MHz DNT90 --** to provide substantial cost savings to applications needing world-wide acceptance.”

The DNT24 serves a wide range of applications from simple cable replacements to sophisticated sensor networks. Target applications include industrial / commercial wireless sensing, AMR and smart grid, and remote control.

As with the entire DNT series, the DNT24's API is designed for easy embedded integration to speed up design time and get products to market faster than other FHSS modules selling at higher prices with less design flexibility. Product highlights include:

- Supports power levels from 10 mW to 100 mW, operates at -96 dBm receive sensitivity, and provides RF data rate of 250 kb/s
- AES-128 encryption and sophisticated FHSS networking provides robustness and high degree of reliability
- 3 analog inputs and 6 GPIOs to not only report signal status but also drive outputs without the need for additional intelligence
- Both a standard UART serial port supporting standard baud rates and SPI interface as well as a collection of 3 ADC inputs, 2 DAC outputs and 6 GPIOs, the DNT24 is well suited for any sensor application
- Ability to auto-report sensor data and to sleep in between reports and with I/O binding -- creating a low-power radio suitable for battery operation
- FCC, Canadian IC and ETSI certified

With the release of the DNT24, RFM has also produced two videos:

- DNT24 Product Introduction – 8 minutes: This video will give the customer a full 360 degree view of the DNT family and DNT24 radio module
- DNT24 Development Kit Demo – 4 minutes: A demonstration of the utility software in the DNT24 dev kit and highlights creative ways design engineers can use the developer kit in their concept and design processes

Both videos can be accessed from the following link:

http://www.rfm.com/video/dnt24_frequency_hopping_spread_spectrum_rf_module.php:

RFM offers a developer kit - the DNT24DK - to help design engineers fast track their designs. The DNT24DK developer kit will be available in late **October** from RFM distributors Avnet, Digi-Key, Future Electronics, and Mouser Electronics.

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.

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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