

RFM News Release

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RFM INTRODUCES LOW-COST 900 MHZ FREQUENCY HOPPING MODULE FOR SENSING, TELEMETRY AND CONTROL APPLICATIONS

BOSTON, MASSACHUSETTS, (September 21, 2010) RF Monolithics, Inc. (RFM [NASDAQ: RFMI]), a leader in RF module technology and M2M solutions provider, introduced a new low-cost 900 MHz frequency hopping spread spectrum (FHSS) module – the DNT90 – today at the ESC Boston (Booth #911) in the Hynes Convention Center. Operating in the 900 MHz ISM band, the DNT90 is a low-cost, long-range, multi-purpose OEM RF module suitable for wide variety of cost-sensitive applications including wireless sensor networking, telemetry and control applications.

“At a \$29 single unit price, the DNT90 delivers FHSS reliability and robustness of 900 MHz performance without breaking the bank,” said Tim Cutler, Director of Product Marketing for RFM. “The DNT90, with its unheard of price point, allows the integration of an incredibly reliable FHSS radio into applications that could not afford one in the past.”

Cutler continued, “The DNT90 features 100 kb/s data rate with best-in-class RF power of +22dBm (150mW) coupled with excellent receive sensitivity of -99dBm to provide exceptional range and performance in an FCC (USA) and IC (Canada) certified module.”

The DNT90 uses frequency hopping technology with a unique TDMA / CSMA hybrid multiple access scheme that delivers low latency to yet a virtually unlimited number of nodes in a single network. Point-to-point and multi-point networks are supported as well as peer-to-peer and store-and-forward repeating. Available in pinned and surface-mount versions, the DNT90 footprint and pin out is the same as RFM's 2.4GHz LPR2430ER allowing OEMs to create both 900MHz and 2.4GHz products on a single hardware platform.

The DNT90's store-and-forward repeating feature can extend the already substantial range of the 900 MHz module without the need for dedicated routing nodes. Plus, at a full 150mW of RF power, the DNT90 provides more than twice the power of competing modules to deliver exceptional range.

The DNT90 supports wireless applications needing to send over-the-air analog and digital data and / or serial data. The module offers 3 analog inputs and 6 GPIOs to not only report signal status but also to initiate actions without the need for additional intelligence. With a standard UART serial port supporting standard baud rates in addition to the analog and digital I/O, the DNT90 is well-suited for any sensor application. Its ability to auto-report sensor data and to sleep in-between reports makes the DNT90 suitable for battery operation. Its 128-bit AES encryption provides protection of highly sensitive application data.

RFM offers a developer kit - the DNT90DK - to help design engineers fast track their designs. This developer kit will be available by the end of October 2010 from RFM distributors Avnet, Digi-Key, Mouser Electronics, and Nu Horizons with a suggested retail price of \$199.

RFM offers one of the broadest ranges of wireless sensor networking platforms in the RF module and boxed radio product categories in the market. RFM has earned a reputation for outstanding support of the integration of their OEM RF modules by customers with little or no RF expertise. Design engineers looking for RF module solutions look to RFM first. The RFM OEM RF module portfolio includes Wi-Fi[®], WirelessHART[™], ZigBee[®] / 802.15.4, Proprietary Mesh, and Proprietary FHSS RF modules and boxed radios.

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 @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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