

# RFM News Release

## Contacts:

RF Monolithics, Inc.

Media Contact:

Sissy Toney, 972-789-3824

Director, Marketing Communications

[stoney@rfm.com](mailto:stoney@rfm.com)

Investor Contact

Buddy Barnes

Chief Financial Officer

RF Monolithics, Inc.

972-448-3789

[bbarnes@rfm.com](mailto:bbarnes@rfm.com)

## **RFM ANNOUNCES NEXT GENERATION OF ITS ULTRA LOW-POWER, BATTERY-POWERED WI-FI™ MODULES**

*Includes 11Mb/s Data Rate, Enterprise-Level Security, and More*

**DALLAS, TEXAS, (June 14, 2010)** RF Monolithics, Inc. (NASDAQ: [RFMI], “[RFM](#)” or “**the company**”) continues to innovate and improve its M2M portfolio of wireless communications products with the release today of the 11Mb/s version of the company’s popular Battery-Powered Wi-Fi™ Module – the [WSN802G](#). The [WSN802G](#) is a 2.4 GHz IEEE 802.11g radio transceiver module that enables OEMs to build low-power wireless local area networking (WLAN) and sensor monitoring solutions for the global market.

Featuring [GainSpan’s GS1011 System on Chip \(SoC\)](#) , the new [WSN802G](#) Revision F delivers even more features for leveraging existing Wi-Fi infrastructure, that include: upgraded enterprise-level security, new Ad Hoc network support, and Master/Slave SPI ports delivered in a low-power 802.11b/g RF module transceiver than can run for years on batteries.

“The 11Mb/s version of the [WSN802G](#) module offers more than just more speed. Medical applications, among others, will benefit from the enterprise security, while Wireless Sensor Network (“WSN”) applications can make use of the SPI port functionality to directly interface the module to sensors or low-cost microprocessors,” said Tim Cutler, Director of M2M products

for [RFM](#). “The Ad Hoc mode simplifies commissioning for residential and commercial deployments as well as providing a secure point-to-point capability.”

The higher 11Mb/s data rate provides the ability to send even more sensor or application data than the former version [WSN802G](#) while still maintaining years of battery life. Equally important is the Enterprise level security that comes along with the higher data rate. The upgraded [WSN802G](#) module now offers 802.1x with RADIUS support and WPA2-Enterprise security, and it complies with the security protocol created by the Wi-Fi Alliance and the IEEE 802.11i standard to secure wireless computer networks. As a result, the [WSN802G](#) offers users the same high level of enterprise security that they get with their computer network.

The Ad Hoc mode provides point-to-point operation as well as another means to securely configure devices. The SPI port allows a wide array of sensors to be connected to the module without a co-processor and also allows lower cost processors to be used when one is needed.

Additional features of the [WSN802G](#) include:

- EXCEPTIONAL LOW-POWER PROFILE. The [WSN802G](#) delivers an exceptionally low power profile and long battery life capabilities in a fully functional, certified radio module that easily connects to existing 802.11b/g infrastructure for a wide variety of sensor monitoring and WLAN applications.
- SLEEP CAPABILITY. The [GainSpan GS1011 SoC](#)'s low average power consumption is obtained by putting the SoC to sleep between active periods. Depending upon the frequency of active periods, a single AA Lithium cell can provide a battery life in excess of 5 years. When the SoC is active, its current consumption is about 150 mA, allowing a battery to adequately power the device.
- I/O AND AUTO REPORT CAPABILITY. The [WSN802G](#) features Analog, Digital and Serial I/O with configurable automatic I/O reporting that includes interval timer, interrupt and ADC level triggers.

- SAME FORM FACTOR and PINTOUT. At 1.05 sq. inch footprint, the [WSN802G](#) has the same form factor and same pinout as RFM's [WirelessHART™ XDM2510H](#), [802.15.4 – LPR2430 series](#), and [ZigBee® ZMN2430 series](#) modules.
- FCC / IC / ETSI CERTIFIED. The [WSN802G](#) is certified for unlicensed operation in the USA, Canada and Europe.

Also with today's release, [RFM](#) announces that the company will provide one free WSN802G Revision F module to customers who have purchased the [WSN802GDK](#) developer kit containing the earlier version WSN802G module. Customers can request the free module from [RFM](#) technical support at [http://www.RFM.com/support/rf\\_modules.php](http://www.RFM.com/support/rf_modules.php).

[RFM](#) offers one of the broadest ranges of wireless sensor networking platforms in the market. Design engineers looking for RF module solutions look to [RFM](#) first as it has earned a reputation for outstanding support of the integration of their technology. In addition to the [WSN802G](#) battery-powered Wi-Fi products, RFM's M2M portfolio includes battery-powered [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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