

RFM News Release

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RF MONOLITHICS, INC. RELEASES NEW AND ENHANCED RF CIRCUIT DESIGN TOOL

September 16, 2004, Dallas, Texas - RF Monolithics, Inc. (RFM) (NASDAQ: RFMI) today announced it has released a new and enhanced, interactive PC-based short-range radio RF circuit design assistant tool for low-power wireless application design-in of RFM's Virtual Wire® transceivers, receivers, transmitters and modules based on RFM's patented amplifier-sequenced hybrid (ASH) radio architecture.

RFM's improved short-range low-power wireless radio design assistant tool software, the **ASH Design Assistant Version 2**, is a follow-on to its predecessor the "ASH Design Assistant" that was very well received by the Engineering community using RFM's Virtual Wire® products.

The ASH Design Assistant Version 2 software tool can be downloaded FREE of charge from RFM's website at: <http://www.rfm.com/corp/ashdesign.htm>.

This new tool includes a review of the "ASH Transceiver Designer's Guide" (the ASH hardware designer's technical document) and it translates design formulas, practices, and procedures of the Virtual Wire® circuits into an easy to use, interactive design/development tool that will save hours of Engineering R & D time.

Features of the ASH Design Assistant Version 2 software tool include:

- Frequency Selection Guide and Configuration Summaries for all RFM transceivers, transmitters, receivers and modules.
- User device selection of Virtual Wire® products for design or Data Radio (DR) Modules for quick prototyping.
- Circuit diagram of user's design.
- Calculated parts count and component values for user design.
- A 'Radio Range Estimation Calculator' with calculation software for estimating radio range associated with user's design data.
- Selectable ancillary interface circuit options.
- User design settings including modulation selection, air data rate selection, signal encoding method, data slicer set up, automatic gain control selection, pulse width-rate set up, transmit power selection notes, received signal strength indicator (RSSI) circuit notes and receiver data interface information.
- A 'DR Module Explorer' section which identifies RFM's RF transceiver radio module options, its anatomy, and tips on 'how to modify' to meet specific customization needs.
- An assortment of common short-range device antenna types and criteria that can be simulated and tested by the user for range calculations.
- Quick and easy 'HELP' button selection for direct topic help as well as informative hints and explanations.

Larry Miller, RFM's Low-Power Group, Product Manager, stated, "We are excited about the ASH Design Assistant Version 2 software tool which was developed in-house, by Dan Nelson, our European Field Applications Engineer. Dan has extensive knowledge of RFM's products and has helped various customers with their application designs. This tool is easy to use, illustrative and very time effective. ASH Design Assistant Version 2, a 'must have' for RF and digital development engineers implementing the very lowest power consumption solution, with RFM's Virtual Wire® products, is easy to download and install on standard Windows-based PC platforms." Mr. Miller further stated, "This software is a testament to the fact that RFM not only offers high quality products such as components and modules with lowest power consumption in the industry, excellent range and optimal receiver sensitivity, ideal for designing robust short-

range wireless applications, but also provides excellent technical support to our customers who want to design in these products with effective, easy to use and time saving tools..”

About RFM

Celebrating over 25 years in business, RFM, headquartered in Dallas, Texas is a leading developer, manufacturer and supplier of a broad range of radio frequency components and modules based on surface acoustic wave technology for the automotive, consumer, distribution, industrial, medical, security and telecommunications markets worldwide. For more information on RF Monolithics, Inc., please visit our websites at www.rfm.com and www.wirelessis.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 Company’s plans, objectives, expectations and intentions involve risks and uncertainties. Statements containing terms such as “believe”, “feel”, “expects”, “plans” “anticipates” or similar terms are considered to contain uncertainty and are forward-looking statement, as well as the other risks detailed from time to time in the Company’s SEC reports, including the report on Form 10-K for the year ended August 31, 2003. The Company does not assume any obligation to update any information contained in this release.

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