

RFM News Release

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RF MONOLITHICS, INC. KICKS OFF NEW AWARENESS CAMPAIGN ENTITLED “*WIRELESS IS...*”™ FOR APPLICATION OF ITS ENABLING TECHNOLOGY

DALLAS, TEXAS, (December 16, 2003) - RF Monolithics, Inc. [NASDAQ: RFMI] (RFM) today announced a new website and the first edition of its eNewsletter in a new awareness campaign entitled “*Wireless is...*”™. The campaign’s objective is to educate and enlighten the engineering, design and development communities as well as the general public about everything that wireless is. In the coming months, RFM will be providing additional issues of the eNewsletter, website updates, white papers, articles and more with case studies, application notes, trends, and interesting information about the applications for its radio frequency (RF) products. The eNewsletter, “*Wireless is...*” can be found at www.rfm.com or on the new website, www.wirelessis.com.

RFM, with technology protected by over 40 patents, has been a leader, for nearly 25 years, in the development, production and supply of a broad range of radio frequency components, and modules based on surface acoustic wave technology for the automotive, consumer, industrial, medical and telecommunication markets worldwide. RFM’s products are used in a multitude of existing end-user applications, as well as, future applications in the burgeoning wireless industry. Most of these applications relate to low-power, short-range communication requirements. These and other applications enable some of the more innovative and cutting edge technologies that make our everyday lives easier and more enjoyable, such as GPS and satellite radio.

“RFM’s SAW components, modules and filters are renowned for their technical benefits including low-power requirements, data transfer capabilities, low insertion loss, high rejection and small size, all of which are essential elements for engineers in the design of the most sophisticated technology and functionality,” stated David Kirk, President and Chief Executive Officer of RFM. “This new awareness campaign, “*Wireless is...*”™, demonstrates the capabilities, functionalities, and possibilities of our enabling technology.”

Mr. Kirk further stated, “Most people only think of cellular service or Wi-Fi applications when they think of wireless. However, we believe that on a daily basis, the average individual in the United States uses multiple wireless devices in addition to a cellular telephone or Wi-Fi connection. These wireless devices include remote keyless entry, tire pressure monitoring, remote controls, AM/FM and satellite radios, garage door openers, cordless phones, GPS and a host of others. What most people don’t realize is the majority of applications for our products are more prevalent than both cellular and Wi-Fi combined, plus we have SAW filters in both cellular and Wi-Fi as well. We believe the end-user applications that our products provide the enabling technology for is limited only by the imagination.”

About RFM

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 and telecommunication markets worldwide. Find out more about RFM by visiting our websites: 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 statements. Further, the Company’s actual results could differ materially from those discussed. Factors that could contribute to such differences include, but are not limited to, general economic conditions, acts of war and acts of terrorism, as they affect the Company’s customers and manufacturing partners; the timely development, acceptance and pricing of new products; the successful implementation of improved manufacturing processes; the dependence on offshore manufacturing; the impact of competitive products and pricing; availability of sufficient materials, labor, and assembly capacity to meet product demand; 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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