

RFM News Release

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RFM ANNOUNCES STRATEGIC ALLIANCE WITH DUST NETWORKS *RFM to Incorporate Dust Technology in M2M Products for a Variety of Markets*

DALLAS, TEXAS, (May 8, 2008) RF Monolithics, Inc. [NASDAQ:RFMI] (“RFM” or “the Company”), a leader in delivering M2M, today announced a new strategic alliance agreement with Dust Networks™. (“Dust”), a leader in ultra low-power, highly reliable wireless sensor networking. Under the agreement, RFM and Dust will collaborate on the integration of Dust SmartMesh-XD™ embedded systems into OEM modules, gateways and other products which RFM will configure and sell for a variety of Wireless Sensor Network (WSN) applications including asset management, environmental monitoring, condition-based maintenance, and building automation.

RFM has developed M2M wireless networking devices incorporating a wide range of proprietary and standards-based technologies. Dust WSN embedded systems deliver a unique combination of ultra-low power and high data delivery reliability. Other technologies may offer low power or high data reliability, but Dust uniquely combines both features which allow all nodes in the network to be battery-powered with battery lifetimes up to a decade.

“The combination of Dust technology and RFM capabilities will complement and broaden our existing portfolio of wireless network devices with a variety of supported technologies, firmware and embedded mesh software”, stated David M. Kirk, President and CEO of RFM. “RFM has a long heritage of best-in-class innovative, quality products. This strategic alliance with Dust exemplifies our plan to continue that tradition through our wireless solutions strategy and our focus on the emerging M2M market,” Mr. Kirk said. With the addition of proven networking technology from Dust, RFM will continue to deliver M2M solutions for dramatic improvements in energy management, maintenance efficiency, asset utilization, resource consumption, and employee productivity within commercial, communications, education, government and military / defense vertical markets.

“We continue to invest for the future, targeting emerging markets in the M2M space, where opportunities exist. We believe our continued resource focus and investment in wireless solution products, software and services for M2M markets should lead to profitable growth as the M2M markets mature,” stated Mr. Kirk.

“Dust Networks is pleased to be working with RFM to integrate our technology in their product offerings for a range of M2M markets,” said Joy Weiss - President and CEO of Dust Networks. “Dust provides world class ultra-low power and highly reliable embedded systems and expertise enabling RFM to dramatically improve time-to-market and meet the growing demand for wireless monitoring and control solutions.”

About Dust Networks

Dust Networks, the leader in standards-based intelligent wireless sensor networking (WSN), provides ultra low-power, highly reliable systems to industrial automation vendors in a range of markets. Dust Networks enables OEMs to offer monitoring and control solutions that provide unprecedented access to information from the physical world, resulting in improved operations, safer work environments, and increased competitive advantage. Dust Networks’ SmartMesh products combine revolutionary wireless networking capabilities with extremely low-power RF System-on-Chip (SoC) technology, providing OEMs with network-ready WSN solutions that are flexible and easy to integrate. Dust Networks partners with industry and standards groups such

as ISA, the HART Foundation, and IETF to ensure the broad adoption of interoperable wireless sensor networking products. For more information, please visit www.dustnetworks.com.

About RFM

RFM, headquartered in Dallas, Texas, is delivering M2M around the world. Our solutions-driven, technology-enabled approach to wireless connectivity enables the next generation of wireless applications with a broad range of wireless solutions – from comprehensive industrial wireless sensor networks to high-performance enterprise asset management software – extending the internet to communicate with billions of unconnected machines. RFM was named to *M2M Magazine*'s "2007 M2M 100" and "2008 M2M 100" list of the most important and influential machine-to-machine technology providers. 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 strategies, 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, and benefits of our acquisitions. Such statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions, including risks related to the ability to integrate acquisitions and alliances as planned, successful transition to a fables business model, operation of a services business, the highly competitive market in which we operate, rapid changes in technologies that may displace products and services 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, 2007. We do not assume any obligation to update any information contained in this release.

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