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**FOR IMMEDIATE RELEASE**

**RF Monolithics, Inc. Introduces TR1100  
1 Mbps ASH Transceiver**

**January 8, Dallas, Texas** - RF Monolithics, Inc. (RFM) today announced the introduction of the TR1100, the first 1 megabit per second (Mbps) version of their second-generation ASH transceiver. The TR1100 operates at 916.5 MHz, and is intended for use in North America under FCC 15.249 or Canadian RSS-210 6.2.2 low-power radio regulations.

The miniature TR1100 transceiver is characterized for operation at data rates from 128 kbps to 1 Mbps using amplitude-shift keyed modulation. The use of a wide dynamic range log detector in the receiver, in combination with digital AGC and a compound data slicer, provide robust channel capture characteristics. Two stages of SAW filtering in the receiver signal path also provide excellent out-of-band interference rejection, and SAW filtering of the transmitter output makes certification of the TR1100 to FCC and Canadian low-power regulations straightforward.

The TR1100 employs RFM's amplifier-sequenced hybrid technology to achieve 1 Mbps operation on a very low power budget. Operating receiver current is 7 mA, transmit current is 6 mA average, and sleep mode current is 1  $\mu$ A. The TR1100 is designed to operate on a supply voltage of 2.7 to 3.5 Vdc. The TR1100 is a six-chip RF hybrid which includes an IC, two SAW devices, and three tuning components. The integration of the SAW filtering and frequency control devices with the IC in a single assembly greatly simplifies RF design requirements. The TR1100 is housed in a ceramic-metal hybrid package only 0.27 x 0.40 x 0.08 inches in size, making watch size applications practical. Small quantity pricing of the TR1100 is \$25.00, and OEM volume pricing is less than \$10.00.

In addition to the TR1100, RFM offers more than 20 other second-generation ASH transceivers, receivers and transmitters for low-power (SRD) applications around the world. Information on the complete product line can be found on RFM's web site at <http://www.rfm.com>.

RFM manufactures and markets radio frequency (RF) components and subassemblies based on SAW technology. The company offers products in two rapidly growing product groups:

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Communications and Low-power encompassing filters, frequency control modules, low-power components, and short-range radio devices. RFM has shipped over 245 million devices to a worldwide customer base. Today, the Company offers over 1000 resonators, filters, and related components and modules to OEMs in the automotive, telecommunications, consumer, and industrial market segments worldwide.

RFM's headquarters are located at 4347 Sigma Road, Dallas, Texas 75244, telephone (972) 448-3700, toll-free (800) 704-6079, fax (972) 387-8148. The company's stock is traded on the U.S. NASDAQ exchange (symbol: RFMI). RFM maintains sales offices in California, Georgia, and Minnesota as well as a European sales office in England.