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**FOR IMMEDIATE RELEASE**

**RF Monolithics, Inc. Introduces 914 MHz  
ASH Radio Family**

**December 17, Dallas, Texas** - RF Monolithics, Inc. (RFM) today announced the introduction of a family of 914 MHz amplifier-sequenced hybrid (ASH) radios for operation under FCC 15.249 regulations in the United States and RSS-210 6.2.2 regulations in Canada. This family of ASH radios include the TR1004 transceiver, the RX6004 receiver and the TX6004 transmitter.

These miniature hybrid radios are characterized for operation at data rates up to 19.2 kbps using on-off keyed modulation and up to 115.2 kbps using amplitude-shift keyed modulation. The TR1004 and RX6004 use a wide dynamic range log detector in the receiver in combination with a digital AGC and compound data slicer to 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 TR1004 and TX6004 to FCC and Canadian regulations straightforward.

Receive mode current for the TR1004 and RX6004 ranges from 1.65 to 4.5 mA, depending on data rate, etc. Average transmit mode current for the TR1004 and TX6004 ranges from 2.0 to 6.0 mA, depending on the output power setting. Typical sleep mode current is less than 1  $\mu$ A. The operating voltage range for the radios is 2.2 to 3.61 Vdc. Operating temperature range is -40 to +85 degrees C.

These radios are 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 these products are \$25.00, and OEM volume pricing is less than \$10.00.

In addition to these radios, 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>.

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