

**Editorial Contacts Only:  
(Please do not publish names.)**

Frank Perkins  
Vice President, New Business Development  
RF Monolithics, Inc.  
(972) 448-3733

Darren Ash  
Marketing Communications  
RF Monolithics, Inc.  
(972) 789-3842

**FOR IMMEDIATE RELEASE**

**RF Monolithics, Inc. Introduces OP4012B  
Low-Jitter 10.3125 Gbps Ethernet Reference Clock**

**November 15, Dallas, Texas** - RF Monolithics, Inc. (RFM) today announced the introduction of the OP4012B, a low-jitter, voltage-controlled clock designed for stabilizing IEEE 802.3ae 10.3125 Gbps Ethernet and other high performance optical data communications systems. The OP4012B provides a very low jitter differential clock output at 644.53125 MHz (1/16 the 10.3125 Gbps data transmission rate). The output of the OP4012B becomes the reference clock for a 10.3125 GHz jitter suppression phase-locked loop (PLL). In turn, the OP4012B can be locked to a low-frequency clock to provide long-term frequency stability.

The OP4012B achieves very low free-running clock jitter by using high-Q, fundamental mode quartz surface acoustic wave (SAW) technology. This technology also provides excellent differential output symmetry and high immunity to power supply noise. The outputs of the OP4012B can be readily DC-configured to drive a wide range of high-speed logic families. The OP4012B is provided in a 0.38 x 0.55 x 0.08 inch (9.7 x 14 x 2 mm) hermetic ceramic-metal surface mount package. The OP4012B can operate from either a 3.3 or 5.25 Vdc power supply. Low volume pricing is about \$90.00. Detailed information on the OP4012B 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: 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.