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FOR IMMEDIATE RELEASE

Mimix Broadband, Inc. Introduces 32 to 42 GHz GaAs MMIC Sub-Harmonic Image Reject Mixer

Mixer Achieves 9 dB Conversion Loss and 18 dB Image Rejection

February 25, 2008, Houston, Texas – Mimix Broadband, Inc. introduces today a gallium arsenide (GaAs) monolithic microwave integrated circuit (MMIC) sub-harmonic image reject mixer for use in transmit and receive frequency conversion applications. Using GaAs HBT technology, this mixer covers the 32 to 42 GHz frequency bands. The device has conversion loss of 9 dB, with 18 dB image rejection and +14 dBm input third order intercept point (IIP3).

The mixer, identified as XM1003-BD, is well suited for wireless communications applications such as millimeter-wave point-to-point radio, local multipoint distribution services (LMDS), SATCOM and VSAT.

“The XM1003-BD offers a very low cost solution for up- and down-conversion applications over the 32-42 GHz frequency band,” stated Paul Beasley, Product Manager, Mimix Broadband, Inc. “It utilizes a passive, sub-harmonic mixer technology which makes it quite versatile and easy to implement for a wide range of applications.”

Mimix performs 100% on-wafer RF testing on the XM1003-BD, as well as 100% visual inspection to MIL-STD-883 method 2010. The chip also has surface passivation to protect and provide a rugged part with backside via holes and gold metallization to allow either a conductive epoxy or eutectic solder die attach process.

Engineering samples are available today from stock, and production quantities will be available within 12 weeks. Technical support is also available from Mimix’s applications engineers at 281.988.4600. The XM1003-BD datasheet and additional product information can be obtained from the Mimix Broadband website at www.mimixbroadband.com.

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Sub-Harmonic Image Reject Mixer

About Mimix

Mimix Broadband, Inc., an ISO 9001-registered company, designs, develops and supplies high performance monolithic microwave integrated circuits (MMICs) for microwave and millimeter-wave wireless communications applications. Mimix has assembled a team of world-class scientists that has focused on the development of state-of-the-art millimeter-wave MMICs for the last decade. The Company also leverages strategic partnerships for manufacturing, in order to expedite the time-to-market cycle and meet market requirements. Mimix offers a highly diversified product line that serves the top tier telecom, satellite and defense companies, and Mimix combines its design capabilities in complete communications systems with semiconductor device expertise to deliver innovative solutions for its customers' most challenging applications.

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