



## **MEMSIC Introduces Industry's First Low-Drift Mems Vertical Gyro**

### ***VG800 - Precision IMU + Attitude Angles for Navigation and Stabilization***

ANDOVER, Mass., Aug 24, 2010 (BUSINESS WIRE) -- MEMSIC, Inc. (NasdaqGM: MEMS), a leading innovator of MEMS sensors and systems solutions, today announced its next-generation family of high-performance MEMS inertial systems. The VG800 vertical gyro is the first release in this new series of low-drift IMU products that challenge the price and accuracy of existing FOG-based IMUs.

The VG800 combines advanced MEMS rate gyro and accelerometer technologies with MEMSIC's proprietary Kalman filter algorithms to provide a superior inertial measurement solution in integrated navigation systems, and in stabilization and control applications.

"Customers can now take advantage of the superior reliability of MEMSIC's advanced MEMS technology as a cost-effective alternative to traditional technologies in applications requiring high-stability gyros," said Steve Tsui, Vice President of Worldwide Sales - System Business at MEMSIC, Inc. "The VG800 is creating exciting opportunities for our customers in a wide variety of airborne, land and marine markets."

The VG800 is ideally suited for UUV/ROV control, camera & antenna stabilization, UAV autopilot, mapping & surveillance, UGV guidance. Key features of the VG800 include; ARW < 0.1<sup>0</sup>/hr, in-run bias stability < 3°/hr, high reliability MTBF > 20,000 hrs, and lightweight compact enclosure measuring 4.0 x 4.0 x 2.91 inches.

The [VG800](#) is available starting September 2010, and pricing inquiries may be directed to [salesca@memsic.com](mailto:salesca@memsic.com).

#### **About MEMSIC, Inc.**

MEMSIC Inc., headquartered in Andover, Massachusetts, provides advanced semiconductor sensor and system solutions based on integrated micro-electromechanical systems (MEMS) technology and mixed signal circuit design. MEMSIC's unique and proprietary approach combines leading edge sensor technologies, such as magnetic sensors and accelerometers, with mixed signal processing circuitry to produce reliable, high quality, cost effective solutions for automotive, consumer and industrial markets. The company shares are listed on the NASDAQ Stock Exchange (NASDAQ GM: MEMS).

#### **Safe Harbor Statement**

Statements included in this press release that are not historical in nature are forward-looking statements made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Such statements are based upon the current beliefs and expectations of the company's management and are subject to significant risks and uncertainties. Actual results may differ materially from those set forth in the forward-looking statements for reasons identified under the heading "Risk Factors" in the company's most recent annual report on Form 10-K and other periodic reports filed with the Securities and Exchange Commission. The forward-looking statements contained in this press release are made as of the date hereof, and the company does not undertake any obligation to update any forward-looking statements, whether as a result of future events, new information or otherwise.

SOURCE: MEMSIC, Inc.

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