

MEMSIC introduces industry's first low-drift Mems vertical Gyro

I-Micronews

ANDOVER, Mass.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 < 0.1o/â^shr, 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.

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