

# NEWS RELEASE



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**AEROFLEX ANNOUNCES  
SDRAM MCMs  
TO THEIR FAMILY OF HiRel MEMORIES**

Colorado Springs, CO – Aeroflex Colorado Springs announced today the addition of two new SDRAM members to its Quantified Commercial of the Shelf (QCOTS) memory family. The Aeroflex QCOTS memory family now includes 2.5G and 3.0Gbit SDRAM multi-chip-modules (MCM) organized 64M x 40 (UT8SDMQ64M40) and 64M x 48 (UT8SDMQ64M48) respectively. Aeroflex began designing MCMs in the late 1990s to increase performance, functionality or, in the case of memory, bit density. MCM packaging technology has been used in avionics and industrial markets for many years and is an advantageous choice for HiRel applications. For memory solutions MCMs are a logical choice to increase bit density.

The two new SDRAM MCMs offer low power consumption at 3.3 volts, fast access time (133MHz) with performance guaranteed via a Standard Microcircuit Drawing (SMD). Both products are assured to withstand 100 krad(Si) and are single event latchup immune (SEL) to 111 MeV-cm<sup>2</sup>/mg.

“Aeroflex has been producing QCOTs and HiRel memory solutions for over 25 years,” said Anthony Jordan, director-standard products. “Aeroflex uses our QCOTS program as a method to quantifying COTS solutions for use in applications that have tough environmental operating requirements.”

“We continue to solve problems,” continued Jordan. “Customers needed bulk data storage and working memory solutions for our UT699 LEON 3FT microprocessor. Aeroflex added SDRAM solutions that supported both the BCH protected memory controller, as well as the Reed Solomon protected memory controller. Aeroflex’s two

new SDRAM MCMs offer the density, speed, power, reliability, and environmental performance that customers expect from Aeroflex and that design engineers require for upcoming missions and applications.”

The first product offerings, the UT8SDMQ64M40 and UT8SDMQ64M48, will be offered in a 128-lead flatpack, Q and Q+ qualified and will be available to Standard Microcircuit Drawings. Prototypes are available now and production in 3Q2010. The UT8SDMQ64M40 is \$4,675, QML Q, in lots of 100, while the UT8SDMQ64M48 is \$5253.

Aeroflex Colorado Springs, is a supplier of semicustom and standard VLSI circuits and custom circuit card assemblies. Aeroflex, Colorado Springs has received Qualified Manufacturer List (QML) certification for Class Q, Class T and Class V. Additionally, we have received a letter of compliance for ISO 9001 from the Defense Supply Center Columbus.

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For a copy of the Memory Marketing Kit, call 1-800-645-UTMC, write Aeroflex, 4350 Centennial Blvd., Colorado Springs, CO 80907, or visit our home page at [www.aeroflex.com/memories](http://www.aeroflex.com/memories).

#### **About Aeroflex**

**Aeroflex Incorporated is a global provider of high technology solutions to the aerospace, defense and broadband communications markets. The Company's diverse technologies allow it to design, develop, manufacture and market a broad range of test, measurement, microelectronic and motion control products. Additional information concerning Aeroflex Incorporated can be found on the Company's website: [www.aeroflex.com](http://www.aeroflex.com).**

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