

NEWS RELEASE



FOR IMMEDIATE RELEASE: March 21, 2007

CONTACT:

Teresa Farris
MARCOM Manager
Aeroflex Colorado Springs
4350 Centennial Blvd.
Colorado Springs, Colorado 80907
719-594-8035 (voice); 719-594-8468 (fax)
Email: teresa.farris@aeroflex.com
www.aeroflex.com/radhard

**AEROFLEX COLORADO SPRINGS'
FOUR NEW RadHard 16-BIT LOGIC PRODUCTS
IN PRODUCTION**

COLORADO SPRINGS, CO – Aeroflex Colorado Springs, (NASDAQ:ARXX), announced production of four new RadHard 16-bit Logic products targeted for spaceborne applications. These include the UT54ACS164646S (Transceiver), UT54CTQ16244 (16-bit Buffer/Line Driver), UT54ACTQ16245 (16-bit Bidirectional Transceiver) and UT54ACTQ16374 (16-bit D Flip/Flop).

“RadHard Logic remains a focus for Aeroflex Colorado Springs,” said Anthony Jordan, director-standard products. “We introduced our RadHard MSI family in 1998 and we now have a full range of over 100 products. In 2002 customers came to us needing 16-bit logic with higher speed and lower power consumption for their space applications such as memory and microcontroller interface logic, clock distribution, back-plane interface logic and voltage translation in mixed-power supply systems. We will continue to support and expand our 16-bit Logic family which currently has six product offerings.”

“In addition to the development of new RadHard 16-bit Logic products, Aeroflex Colorado Springs works with industry to ensure that critical, legacy RadHard products continue to be available,” continued Jordan.

“Adhering to the form, fit, and functionality to the original device is the key requirement of reproducing RadHard legacy products. A combination of RadHard-by-Design techniques along with high-volume commercial manufacturing methods are used to produce these replacement legacy RadHard ICs. By using a mature high-volume commercial fabrication process results in simulation model predictability and first pass success. The products will be drop-in compatible to the legacy products. Aeroflex wants to assure the RadHard space industry of our commitment to RadHard MSI and 16-bit Logic products and solutions for their long-term needs.”

The additions to Aeroflex's RadHard 16-bit Logic families are built using Aeroflex's UT0.6µm technology and withstand ionizing doses of 100Krad(Si), are immune to single event induced latch-up and are characterized over a temperature range of -55°C to +125°C.

The new RadHard 16-bit Logic products are QML Q and V compliant and available via a Standard Microcircuit Drawing (SMD) in "drop-in compatible" packages. The new SMD numbers are:

UT54ACS164646S – 5962-06234

UT54ACTQ16244 – 5962-06243

UT54ACTQ16245 – 5962-06244

UT54ACTQ16374 – 5962-06245

Please call 800-645-8862 for pricing. Prototype and production of all four new RadHard 16-bit Logic products is available.

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.

###

For a copy of the RadHard MSI and 16-bit Logic Datasheets, call 1-800-645-8862, write Aeroflex, 4350 Centennial Blvd., Colorado Springs, CO 80907, or visit our home page at www.aeroflex.com/radhard.

About Aeroflex

Aeroflex Incorporated is a global provider of high technology solutions to the aerospace, defense, cellular and broadband communication markets. The Company's diverse technologies allow it to design, develop, manufacture and market a broad range of test, measurement and microelectronic products. The Company's common stock trades on the Nasdaq National Market System under the symbol ARXX and is included in the S&P SmallCap 600 index. Additional information concerning Aeroflex Incorporated can be found on the Company's Web site: www.aeroflex.com.

All statements other than statements of historical fact included in this press release regarding Aeroflex's financial position, business outlook, business strategy and plans and objectives of its management for future operations are forward-looking statements. When used in this press release, words such as "anticipate," "believe," "estimate," "expect," "intend" and similar expressions, as they relate to Aeroflex or its management, identify forward-looking statements. Such forward-looking statements are based on the current beliefs of Aeroflex's management, as well as assumptions made by and information currently available to its management. Actual results could differ materially from those contemplated by the forward-looking statements as a result of certain factors, including but not limited to, competitive factors and pricing pressures, the integration of the businesses of both JcAir, Inc. and Test and Measurement division of UbiNetics Holdings Ltd., changes in legal and regulatory requirements, technological change or difficulties, product development risks, commercialization difficulties and general economic conditions. Such statements reflect our current views with respect to the future and are subject to these and other risks, uncertainties and assumption relating to Aeroflex's financial condition, results of operations, growth strategy and liquidity. Aeroflex does not undertake any obligation to update such forward-looking statements.