

NEWS RELEASE



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**AEROFLEX COLORADO SPRINGS ANNOUNCES
UT699 32-bit FAULT TOLERANT LEON 3FT/SPARC™ V8 PROCESSOR
FOR HiRel APPLICATIONS IN PRODUCTION**

Colorado Springs, Colorado – Aeroflex Colorado Springs announces production of the UT699 LEON 3FT-based microprocessor. Designed with Aeroflex Gaisler IP-proven architecture, the UT699 LEON 3FT provides a 32-bit master/target PCI interface and a peripheral rich environment including SpaceWire, UART, CAN and Ethernet.

“Aeroflex’s customers requested high-reliability computing products and solutions that incorporate various peripheral cores to facilitate system processing and interconnect,” said Anthony Jordan, Director-Standard Products. “We entered into an agreement with Gaisler Research (now Aeroflex Gaisler), a world leader in this field, to develop a system-on-a-chip processing solution. We leveraged the GRLIB IP Library which is an integrated set of reusable IP cores, designed for system-on-chip (SOC) development. The IP cores are centered around the common on-chip (AMBA) bus and use a coherent method for simulation and synthesis. A unique plug and play method is used to configure and connect the IP cores without the need to modify global resources.”

“Another feature customers requested was for the processor to operate in a TID and charged particle environment. Aeroflex has been designing and producing standard products for over 25 years; we listened to our customer’s requirements and the UT699 provides a rich peripheral processor, and proven high-reliability performance.”

The UT699 features a power saving 2.5V core and static design capable of operating from 1 to 66MHz; the UT699 delivers 53 MIPS performance @ 66MHz and is packaged in a 352-pin ceramic quad flatpack (available now). A 484-CLGA (ceramic land grid array) package is planned to reach production 3Q09.

An evaluation board, GR-CPCI-UT699, is available to aid designers in system level development along with a complete set of software development and debug tools.

“The UT699 joins Aeroflex’s family of over 125 standard products,” continued Jordan. “We have a history of providing our customers the products they need – Databus, Transceivers, LVDS, SpaceWire, Memories, MSI Logic. We look forward to developing a world class assured, secure and safety critical high-reliability processor family based on Aeroflex Gaisler IP at Aeroflex.”

The UT699 LEON 3FT processor is \$25,000.00 with QML screening in lots of 100. SMD number 5962-08228 has been assigned.

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 Aeroflex LEON 3FT datasheets, call 1-800-645-8862 or visit our home page at www.aeroflex.com/LEON.

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 and microelectronic products. Additional information concerning Aeroflex Incorporated can be found on the Company's website: www.aeroflex.com.

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