

# NEWS RELEASE



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**AEROFLEX COLORADO SPRINGS  
EXPANDS SpaceWire PRODUCT FAMILY  
WITH ADDITION OF SpaceWire ROUTER TECHNOLOGY**

COLORADO SPRINGS, CO – Aeroflex Colorado Springs announces the addition of SpaceWire Router solutions to satisfy SpaceWire networking and fault-tolerant networking requirements for the aerospace community.

“Aeroflex announced the SpaceWire Physical Layer Transceiver in November 2005 and since that time have added the SpaceWire IP Protocol Handler, became the North American distributor of 4Links SpaceWire test equipment, developed SpaceWire evaluation boards and have now added SpaceWire Router technology,” said Anthony Jordan, Director-Standard Products. “In 2008 we will introduce SpaceWire Router solutions that allow customers the ability to implement any architecture, from single point-to-point nodes with redundancy to distributed networks.”

“Aeroflex plans to offer a 4-port SpaceWire Router that will give users the option to implement a node with either dual or triple redundancy or configure a scaleable fault-tolerance network of variable size. Also, a 16-port Router is on our roadmap for 2009.”

Originally developed by the European Space Community (document ECSS-E-50-12A), SpaceWire marries IEEE-1355 with an LVDS physical layer. SpaceWire is a standard governing serial communication between nodes. The protocol is self-managing and provides a high speed, low power serial interface while offering a simple user interface. The standard supports data rates of 2Mbits/sec to 400Mbits/sec over 10 meters of cable.

“Aeroflex Colorado Springs saw the benefits of the SpaceWire standard used in numerous European projects; building a product family was our next step,” continued Jordan. “The benefits are straightforward. SpaceWire is

a simple protocol, a simple user interface (FIFO) with high data rates and low power using LVDS, has point-to-point full duplex and supports networked systems via routers. We are pleased to serve the community with our growing SpaceWire family.”

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 SpaceWire datasheets, call 1-800-645-8862, write Aeroflex, 4350 Centennial Blvd., Colorado Springs, CO 80907, or visit our home page at [www.aeroflex.com/SpaceWire](http://www.aeroflex.com/SpaceWire).

#### **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](http://www.aeroflex.com).**

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