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## **CommAgility's high-performance signal processing AdvancedMC module selected by Aeroflex for LTE wireless test mobile**

### ***AMC-D4F1 module provides market-leading DSP/FGPA performance in single AMC slot***

4<sup>th</sup> August 2008

Aeroflex, a leading provider of specialised test and measurement equipment, has selected CommAgility's AMC-D4F1 module as a key component in its new TM500 LTE Test Mobile platform. Aeroflex chose the AMC-D4F1 because it provides market-leading DSP/FPGA performance and density in one AdvancedMC slot.

The TM500 LTE Test Mobile is designed to address the current and future challenges of 3GPP LTE (3G Long Term Evolution) infrastructure development, test and rollout. LTE is a significant advance in mobile network technology from 3G, and Aeroflex needed an order of magnitude increase in processing capability and I/O bandwidth compared to previous products.

Each AMC-D4F1 module includes four 1.2GHz Texas Instruments (TI) TMS320C6455 digital signal processors (DSPs) and a Xilinx Virtex-4 FX series FPGA, providing excellent signal processing performance. A 10Gbps SRIO infrastructure provides deterministic bandwidth for data transfers on and off card, and separate Gigabit Ethernet is provided for control, management and delivery of baseband or other processed data streams.

Evan Gray, TM500 manager, Aeroflex Wireless Division said, "CommAgility's AMC-D4F1 was chosen because it provides superior processing power and density. CommAgility delivered working product quickly enabling our development to start early. It combines technical excellence with speed of development, for example it was the first subsystem vendor to support TI's new 1.2 GHz C6455 DSP. CommAgility has also consistently provided excellent technical support from day one of our engagement with them."

"CommAgility is quickly becoming a leading provider of wireless AdvancedMC Modules with their TMS320C6455, TMS320TCI6482 and TMS320TCI6487 processor-based products," said Sandeep Kumar, business manager for Growth Infrastructure Markets, TI. "This current design win is a key endorsement of their capabilities in the wireless test and measurement arena."

Edward Young, managing director, CommAgility, said, "Aeroflex is an established user of COTS boards based on embedded standards to enable the fast development of complex, leading edge systems, and the TM500 LTE is the latest example. This approach has helped it cut time to market for its products, and focus its development effort on applications for its customers."

The TM500 LTE's extensive Layer 1, Layer 2 and higher layer test features provide complete visibility into even the lowest layers of the radio modem, by generating the detailed diagnostic data required to develop and test functionality and to verify network operation and performance.

#### **Note to editors:**

High resolution photos are available at [www.commagility.com/press](http://www.commagility.com/press)



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**About Aeroflex:**

Aeroflex Incorporated is a global provider of high technology solutions to the aerospace, defense, cellular 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. Aeroflex Incorporated was founded in 1937 and today has more than 2,600 employees worldwide. Additional information concerning Aeroflex Incorporated can be found on the company's website: [www.aeroflex.com](http://www.aeroflex.com).

**About CommAgility:**

CommAgility is a designer and manufacturer of high performance DSP and FPGA embedded signal processing cards for OEM customers. It works closely with a rapidly increasing customer base around the world, and partners with world leading companies including Texas Instruments, Xilinx and Tundra. Prior to starting CommAgility in 2006, the founders had over 50 years' experience in the industry working for Motorola, Blue Wave Systems and Loughborough Sound Images.

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**About the Texas Instruments Developer Network**

CommAgility is a member of the TI Developer Network, a community of respected, well-established companies offering products and services based on TI analog and digital technology. The Network provides a broad range of end-equipment solutions, embedded software, engineering services and development tools that help customers accelerate innovation to make the world smarter, healthier, safer, greener and more fun.

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