

## CommAgility targets high-end wireless and data processing applications with 10G Ethernet/CPRI interfaces

*FPGA-based AMC-V5-10G provides high-speed I/O on AdvancedMC module*

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**Santa Clara, CA, USA** – At the AdvancedTCA Summit Booth 510, CommAgility announced today the AMC-V5F-10G, a high performance FPGA-based interface and processing card for the latest wireless baseband and other demanding processing and optical data interfacing applications.

For systems that require very high speed optical links, a front panel SFP+ interface provides a fast data link, including Ethernet at 10Gbps, and 16x CPRI (running at 9.8304Gbps). As well as high end data networking applications, this enables advanced wireless applications such as multi-rate LTE to exchange data at four times the normal CPRI maximum rate.

A full Gigabit Ethernet infrastructure allows for system expansion, and additional optical data interfacing is enabled by dual SFP interfaces from the FPGA. High-bandwidth connection to other AMC modules is provided by optional Serial RapidIO (SRIO) or PCI Express links from the FPGA to the AMC backplane.

The AMC-V5F-10G is a single width, full-size Advanced Mezzanine Card. High processing power is delivered by a Xilinx Virtex-5 LX110T FPGA. This configures and boots from FLASH on reset, using one of 4 selectable configuration images which are customer programmable and can be updated over Ethernet. The FPGA is fully customer configurable.

Edward Young, managing director at CommAgility, said, “There’s always a need for more I/O bandwidth and processor power from applications like LTE, and this module provides the performance required.”



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The AMC-V5F10G is available now. Extensive software and firmware library support enables OEMs to port application code quickly, reducing time to market.

**Note to editors:**

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

**About CommAgility:**

CommAgility is a leading manufacturer of signal processing AMC modules for wireless baseband applications, combining flexible CPRI/OBSAI antenna interfaces, the latest TI DSPs and Xilinx FPGAs, and high bandwidth on and off-card communications using Serial RapidIO, PCI Express and Ethernet. Customers around the world use CommAgility products to develop high performance applications in both wireless and non-wireless spaces, and recent designs include test equipment, trial systems and base stations for a wide range of wireless standards especially WiMAX and LTE.

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