



AMCC Drives Faster Ethernet Connectivity in AdvancedTCA Backplanes Through Comprehensive Developer Forum

Power Architecture platforms, state-of-the-art 10GBASE-KR solutions and connectivity expertise set stage for AdvancedTCA/MicroTCA Summit

SUNNYVALE, Calif. – October 15, 2008 – Applied Micro Circuits Corporation (NASDAQ: AMCC), a global leader in optical transport, embedded Power Architecture® processing and storage solutions, today announced that it will gather the industry's leading experts on 10 Gigabit Ethernet backplane connectivity during the AdvancedTCA /MicroTCA Summit, Oct. 21-23 in booth #304, at the Santa Clara Convention Center, Santa Clara, Calif.

AMCC will sponsor and chair the Ethernet Backplane Forum at the AdvancedTCA/MicroTCA Summit in which experts will provide developers with direction and insight on the evolution to 10Gbps backplane Ethernet. It will also explore Ethernet technology for AdvancedTCA systems, and how backplane signaling can be implemented in ultra-high-speed systems. The forum is scheduled on Oct. 21 from 1:40 p.m. to 5:20 p.m. at the conference and will feature system architects, leading industry analysts, product managers, protocol experts, and a panel sponsored by the Ethernet Alliance.

"The data rate for backplane has evolved from 1 to 2.5 to 10 Gbps but operation at 10G pushes the limits on the capability of the target channels," said Brad Booth, member of AMCC CTO office and Chairman of Ethernet Alliance, who will open the forum. "Implementing a compliant solution requires innovation both in designing transceiver architecture and in verifying interoperability. This forum will provide developers with knowledge on how to balance both goals and how to accelerate time to market."

The Backplane Ethernet forum is organized by AMCC and is chaired by Gilles Garcia, AMCC's Director of Marketing. The evolution to 10G Ethernet backplanes will be discussed by Booth and a representative of the University of New Hampshire will discuss the 10GBASE-KR Plugfest and interoperability; a system architecture presentation will explore 10GBASE-KR challenges and solutions. Other experts from Cisco, Force10, Fujitsu, Lawrence Berkeley National Lab, NESL, Molex, the RapidIO trade association and SanBlaze will offer their expertise during the panel discussions. For more information about the forum, visit:

http://www.advancedtcasummit.com/English/Conference/Seminar_Session_Descriptions.html#F2B

"AdvancedTCA solutions are growing into a \$6 billion-a-year industry and system designers need to tackle new technology challenges quickly in order to bring products to market on-time and within budget so that it meets customer expectations," said Lance Leventhal, Program Chairperson of the AdvancedTCA Summit. "Adopting higher speeds in the Ethernet backplane is one of those key challenges and AMCC provides industry leadership through its 10GBASE-KR solutions. The company has assembled the industry's leading experts for the Ethernet Backplane seminar at the AdvancedTCA Summit and attendees should come away with a better sense of how to tackle their technology challenges."

AMCC will also demonstrate Gigabit Ethernet, RapidIO and PCI Express connectivity around its AMC-standard Arches reference design at the company's booth #304. The platform features a dual configuration of the company's PowerPC 460GT processors and serves as a showcase for the hardware, software and tool partnerships AMCC formed to help customers accelerate time to market.

Additionally, another AMCC executive will deliver a presentation to show attendees. Charlie Ashton, the company's director of PowerPC Enablement, will share his expertise on fostering third-party relationships during a seminar entitled "Bringing in AdvancedTCA and MicroTCA Projects On-Time and On Budget" on Tuesday, Oct. 21 from 1:40 p.m. to 5:20 p.m.

About AMCC

AMCC provides leadership semiconductor solutions to process, transport, and store digital information for the world's wired and wireless networks. As a leading supplier of Power Architecture® based processors and with world-class expertise in SONET and Ethernet protocol processing and PHY technology and Storage processors and RAID controllers, our products are the foundation of the IP Communications Revolution. AMCC's 3ware SAS and SATA

RAID controllers deliver cost-effective, high-performance, high-capacity storage for enterprises and consumers worldwide in applications like disk-to-disk backup, near-line storage, network-attached storage (NAS), video, and high-performance computing. For further information regarding AMCC, please visit our website at <http://www.amcc.com>

Forward Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements may be identified by words such as expects, anticipates, plans, believes, estimates, will or words of similar meaning. Such forward-looking statements, including statements relating to the products discussed in this press release, are subject to a number of risks and uncertainties, including the risk that the products may not be successfully or timely developed, completed or manufactured or achieve market acceptance, risks relating to general economic conditions, as well as the risks and uncertainties set forth in the Company's Annual Report on Form 10-K, and in the Company's other SEC filings. As a result of these risks and uncertainties, actual results may differ materially from these forward-looking statements. The forward-looking statements contained in this press release are made as of the date hereof and AMCC does not assume any obligation to update any forward-looking statement, whether as a result of new information, future developments or otherwise.

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