AMCC Showcases 24 Terabytes of ATA Storage With Aggregate RAID Speeds Over 1.2GB/s at SuperComputing 2005; AMCC, Partners Demonstrate High Performance, High Capacity 3ware 9550SX Series SATA II RAID Controllers on HPC Platforms

SEATTLE--(BUSINESS WIRE)--Nov. 15, 2005--Applied Micro Circuits Corporation (AMCC) (NASDAQ:AMCC), today announced that it will demonstrate SATA II RAID solutions for high performance computing (HPC) systems based on its recently announced 3ware 9550SX controllers at SC/05 November 15 - 17 in booth 6202. SC/05 is one of the industry's premier international conferences that focuses on HPC, networking, and storage.

Academic and scientific research environments require vast storage capacities and scalable system performance to meet the demands of HPC application workloads. AMCC will showcase HPC storage platforms featuring four 3ware 9550SX 12-port RAID controllers and 48 Hitachi 7K500 500GB SATA II disk drives at the heart of a Pogo Linux StorageWare 548 solution that delivers 24TB of SATA II capacity in a 5U enclosure. The system is powered by Opteron dual core CPUs and will sustain over 1.2GB/s of read bandwidth, demonstrating the industry's most compelling combination of speed, capacity, reliability, and price per gigabyte.

AMCC 3ware 9550SX RAID controllers will also power Supercomputing's StorCloud, a massive onsite HPC storage network, which will showcase "storage on request" capabilities for researchers and other high bandwidth applications at the conference.

"Our new 9550SX RAID controllers, in conjunction with product offerings from our onsite partners, provide powerful, manageable, cost-effective RAID enabled storage solutions for applications such as computer modeling, space exploration research, and other scientific simulations," said Scott Cleland, director of marketing for AMCC Storage. "We listened to the scientific community and delivered a platform that meets its high performance demands."

"Hitachi hard drives are featured in some of the industry's most powerful server and storage solutions," said Becky Smith, vice president of marketing, Hitachi Global Storage Technologies. "Hitachi was first to deliver a 500 GB SATA drive featuring 3Gb/s data transfer rates and Native Command Queuing capabilities. The Deskstar 7K500, combined with AMCC's new 3ware 9550SX RAID controllers, is a powerful serial storage solution that is well-suited for next-generation simulation and modeling applications."

"Today's HPC customers are seeking performance, scalability, and reliability, combined with cost efficiency in order to build systems that process multi-terabytes of data without soaring hardware and management costs," said Tim Lee, CEO of Pogo Linux. "This

platform is a clear indication that SATA II storage subsystems can handle the speed and complexity demands of HPC environments."

The new 3ware 9550SX is 200% faster than the company's previous generation 9500S, delivering RAID 5 writes at over 380MB/sec per controller and RAID 5 reads at more than 800MB/sec per controller. The 3ware 9550SX-4LP 4-port kit and the 3ware 9550SX-8LP 8-port kit, both in low profile form factors, as well as the 9550SX-12 Kit, are available today with MSRP's of $395 and $595, and $795 respectively.

For more information on the upcoming SC/05, please visit http://sc05.supercomputing.org/ or http://www.3ware.com/about/events.asp.

AMCC Product Support

AMCC's complete line of 3ware SATA and SATA II Hardware RAID controllers are available worldwide in 12, 8, and 4-port configurations for VARs, OEMs and system builders. The controllers ship with a 3-year warranty and are compatible with Microsoft(R) Windows(R) 2003/XP/2000, Red Hat(R) Linux, SuSE(R) Linux, and FreeBSD operating systems. For additional information, please visit http://www.3ware.com.

AMCC Overview

AMCC provides the essential building blocks for the processing, moving and storing of information worldwide. The company blends systems and software expertise with high-performance, high-bandwidth silicon integration to deliver silicon, hardware and software solutions for global wide area networks (WAN), embedded applications such as PowerPC and programmable SOC architectures, storage area networks (SAN), and high-growth storage markets such as SATA RAID. AMCC's corporate headquarters are located in San Diego, California. Sales and engineering offices are located throughout the world. For further information regarding AMCC, please visit our web site 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 for the year ended March 31, 2005, 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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