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Mellanox InfiniBand and Ethernet Solutions Deliver Leading Performance and Efficiency for AppliedMicro's X-Gene™ ARM-based Server Platform

Companies enable 64-bit ARM-based platform suitable for high-performance, cloud, web 2.0 and database applications

LEIPZIG, Germany--(BUSINESS WIRE)-- Mellanox® Technologies, Ltd. (NASDAQ: MLNX), a leading supplier of high-performance, end-to-end connectivity solutions for data center servers and storage systems, today announced that its end-to-end FDR 56Gb/s InfiniBand and 10/40 Gigabit Ethernet interconnect solutions deliver leading performance and efficiency for Applied Micro Circuits Corporation (NASDAQ: AMCC) X-Gene ARM-based platform. The X-Gene family with integrated 64-bit ARM-enabled processing is the first commercially available 64-bit ARM platform. Connected with Mellanox interconnect solutions, the X-Gene ARM architecture platform provides high-performance data centers, cloud providers and application developers with an efficient ARM-based infrastructure. Demonstrations of the joint solution will take place at the ISC'14 conference (June 23-25) at the Mellanox booth (#531) and the AppliedMicro booth (#506).

Mellanox FDR 56Gb/s InfiniBand and 10/40 Gigabit Ethernet products, optimized for the X-Gene platform, ensures that leading ARM technology applications receive high CPU efficiency levels with the fastest data speeds to enable superior performance.

"As the only ARM 64-bit-based x86-class server solution provider, AppliedMicro is pleased to work with the interconnect market leader to enable scale-out solutions with both InfiniBand and Ethernet for a variety of workloads, including High Performance Computing, with our first generation X-Gene Server on a Chip product," said Gaurav Singh, vice president of technology strategy at AppliedMicro. "Mellanox's high-speed, high-reliability end-to-end solutions paired with X-Gene's brawny cores, wide memory bandwidth and integrated high-speed I/O delivers world-class system-level performance at substantially lower power."

"Mellanox enables the usage of data by enabling the fastest movement of information between CPUs and between CPUs and storage elements. Together with AppliedMicro, we now introduce the first 64-bit ARM platform for commercial usage," said Gilad Shainer, vice president of marketing at Mellanox Technologies. "Server and storage platforms utilizing the X-Gene platform with Mellanox FDR 56Gb/s InfiniBand and Ethernet interconnect solutions will ensure the highest performance and return-on-investment."

Visit Mellanox Technologies at ISC'14 (June 23-25, 2014)

Visit Mellanox Technologies at ISC'14 (booth #531) to see demonstrations and the full suite of Mellanox's end-to-end high-performance InfiniBand and Ethernet solutions.

For more information on Mellanox's event and speaking activities at ISC'14, please visit <http://www.mellanox.com/isc14>.

Supporting Resources:

- Learn more about [Mellanox's complete FDR 56Gb/s InfiniBand solution](#)
- Learn more about Mellanox's end-to-end [10 Gigabit Ethernet](#) and [40/56 Gigabit Ethernet](#) solutions
- Follow Mellanox on [Twitter](#), [Facebook](#), [Google+](#), [LinkedIn](#), and [YouTube](#)
- [Join the Mellanox Community](#)

About Mellanox

Mellanox Technologies is a leading supplier of end-to-end InfiniBand and Ethernet interconnect solutions and services for servers and storage. Mellanox interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance capability. Mellanox offers a choice of fast interconnect products: adapters, switches, software, cables and silicon that accelerate application runtime and maximize business results for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage and financial services. More information is available at www.mellanox.com.

About AppliedMicro

Applied Micro Circuits Corporation is a global leader in computing and connectivity solutions for next-generation cloud infrastructure and data centers. AppliedMicro delivers silicon solutions that dramatically lower total cost of ownership. Corporate headquarters are located in Sunnyvale, California. www.apm.com.

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Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995:

Certain matters discussed in this press release are forward-looking statements, including statements related to the need for high-performance data centers, Web 2.0, cloud and storage infrastructures to scale their 40Gb/s and 56Gb/s interconnect to 100Gb/s to address the exponential growth in data and the acceleration of large scale data center deployments.

These forward-looking statements are based on our current expectations, estimates and projections about our industry and business, management's beliefs and certain assumptions made by us, all of which are subject to change.

Forward-looking statements can often be identified by words such as "projects," "anticipates," "expects," "intends," "plans," "predicts," "believes," "seeks," "estimates," "may," "will," "should," "would," "could," "potential," "continue," "ongoing," similar expressions and variations or negatives of these words. These forward-looking statements are not guarantees of future results and are subject to risks, uncertainties and assumptions that could cause our actual results to differ materially and adversely from those expressed in any forward-looking statement.

The risks and uncertainties that could cause our results to differ materially from those expressed or implied by such forward-looking statements include the continued expansion of our product line, customer base and the total available market of our products, the continued growth in demand for our products, the continued, increased demand for industry standards-based technology, our ability to react to trends and challenges in our business and the markets in which we operate, our ability to anticipate market needs or develop new or enhanced products to meet those needs, the adoption rate of our products, our ability to establish and maintain successful relationships with our OEM partners, our ability to effectively compete in our industry, fluctuations in demand, sales cycles and prices for our products and services, our success converting design wins to revenue-generating product shipments, the continued launch and volume ramp of large customer sales opportunities, and our ability to protect our intellectual property rights. Furthermore, the majority of our quarterly revenues are derived from customer orders received and fulfilled in the same quarterly period. We have limited visibility into actual end-user demand as such demand impacts us and our OEM customer inventory balances in any given quarter. Consequently, this introduces risk and uncertainty into our revenue and production forecasts and business planning and could negatively impact our financial results. In addition, current uncertainty in the global economic environment poses a risk to the overall economy as businesses may defer purchases in response to tighter credit conditions, changing overall demand for our products, and negative financial news. Consequently, our results could differ materially from our prior results due to these general economic and market conditions, political events and other risks and uncertainties described more fully in our documents filed with or furnished to the Securities and Exchange Commission.

More information about the risks, uncertainties and assumptions that may impact our business is set forth in our annual report on Form 10-K filed with the SEC on February 28, 2014. All forward-looking statements in this press release are based on information available to us as of the date hereof, and we assume no obligation to update these forward-looking statements.

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