

## **LSI expands Axxia platform to deliver power-efficient mobile networks**

LSI Corporation today announced a significant enhancement of its proven Axxia platform that dramatically accelerates performance for next-generation wireless infrastructure. LSI will bring ARM processors, long the standard for power efficiency in mobile devices like smartphones and tablets, to mobile networks. The new wireless platform will be the first to combine the latest cores from ARM with hardware accelerators, resulting in a system on a chip uniquely suited to building intelligent, heterogeneous networks.

The new Axxia wireless platform will offer:

- Energy-efficient, low-power multicore processors for base stations and wireless infrastructure
- Scalable performance to contend with massive data growth driven by smartphones, tablets and cloud-based services
- Embedded intelligence to identify traffic, recognize applications and deliver the right content at the right time, enabling real-time services including mobile video
- Extensive third-party tools and support through the ARM community and LSI networking ecosystem

“Consumers worldwide have an insatiable appetite for mobile broadband services. Operators need intelligent solutions to deliver exponentially growing traffic without exponentially growing their costs and power consumption,” said Jim Anderson, senior vice president and general manager, Networking Components Division, LSI. “With solutions ranging from dual core to 16 or more cores, the Axxia wireless platform delivers the intelligence and performance to accelerate mobile networks from small cells to macro base stations.”

The Axxia platform combines the programmable flexibility of general-purpose processors with the deterministic performance of special-purpose accelerators from LSI. Based on a coherent multiprocessor interconnect and LSI Virtual Pipeline technology, Axxia processors accelerate control and data plane processing while lowering costs and power consumption.

“ARM is excited to be working with LSI to help OEMs and network operators meet the challenges of next-generation infrastructure in a cost-effective and energy-efficient manner,” said Lance Howarth, executive vice president of marketing, ARM. “The launch of the Axxia platform is a compelling proof point of how LSI is using ARM IP to solve these challenges by applying the powerful combination of ARM Cortex-A series processors and CoreLink® system IP with LSI’s expertise in the

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infrastructure space.”

LSI will showcase its portfolio of networking acceleration solutions at the LSI hospitality suite AV76 at the GSMA Mobile World Congress in Barcelona, Spain, February 27 to March 1. The LSI stand is located midway along the Avenue near the crosswalk between the Courtyard and Hall 8 of the exhibition.

More information is available at [www.lsi.com](http://www.lsi.com) [1]

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[1] <http://www.lsi.com>