Cavium Networks Expands As Samsung Selects OCTEON Processor

Cavium Networks announced that it is accelerating mass deployment of its latest OCTEON processors through a collaboration for 3G/4G systems with Samsung Electronics, one of the leading network solution providers.

“The demand for secure and intelligent mobile data is growing at a record pace, and the telecom industry is looking for a simple and cost-effective way for the evolution from 3G/WiMAX to LTE/WiMAX 2,” said YJ Kim, General Manager, Infrastructure Processor Group, Cavium Networks. “We are delighted to have Samsung as a customer and enable compelling functionality and performance in their 3G/4G systems.”

OCTEON Processors are ideal for 4G wireless solutions including Base stations and Packet Core environments, which require unprecedented levels of scalability, performance, security and deep packet inspection. Cavium’s unique line of OCTEON Processors from 1 to 32 cores with integrated advanced 3G/4G hardware accelerators are optimized for cost, performance and power for these demanding 4G requirements.

The Cavium OCTEON processor family is the industry's broadest and highest performance Multi-core MIPS64 processor family with price points that address application performance ranging from 1Gbps to 40+Gbps in a single chip. The OCTEON processor family consists of processors with 1 to 32 high-performance cores in a single chip with integrated networking interfaces and industry leading hardware acceleration for packet processing, quality of service, TCP, Security, compression / decompression and DPI. The OCTEON Processor has been chosen by many tier-1 TEMs for Mobile Infrastructure Platforms due to superior 3G, and WiMAX, LTE Layer 2 to Layer 7 capabilities.

About Cavium Networks

Cavium Networks is a leading provider of highly integrated semiconductor products that enable intelligent processing for networking, communications and the digital home. Cavium Networks offers a broad portfolio of integrated, software-compatible processors ranging in performance from 10 Mbps to 40 Gbps that enable secure, intelligent functionality in enterprise, data-center, broadband/consumer and access and service provider equipment. Cavium Networks processors are supported by ecosystem partners that provide operating systems, tool support, reference designs and other services. Cavium Network’s principal offices are in Mountain View, CA with design team locations in California, Massachusetts, China, India and Taiwan. For more information, please visit: http://www.caviumnetworks.com [1].

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