

Freescale Semiconductor Chooses Tektronix' TLA7000 Series Logic Analyzers to Verify Applications Based on PowerQUICC™ III Communications Processors

TLA7000 Provides Full Debug Support for the Latest High Speed Buses Including Serial RapidIO®, PCI-Express and DDR2 Memory

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Tektronix, Inc. , a leading, worldwide provider of test, measurement and monitoring instrumentation, announced today that one of the world's leading semiconductor makers, Freescale Semiconductor Japan, Limited, selected Tektronix TLA7000 Series logic analyzers for verifying applications based on its PowerQUICC™ III communications processor family.

Engineered for scalability, versatility and compatibility across many development platforms, Freescale's PowerQUICC processor family is the solution of choice for more than 5,000 communications and networking system designs. To date, Freescale has shipped more than 200 million integrated communications processors, a device category the company pioneered more than 15 years ago. Freescale's most advanced communications processors, the PowerQUICC III family, combine a high-performance PowerPC® core with a powerful communications engine, DDR1/2 memory controllers and the latest high-speed interfaces, such as Gigabit Ethernet, Serial RapidIO and PCI-Express.

"High-performance logic analyzers that can provide analyses of high-speed interfaces/buses are absolutely necessary to verify designs for customers," said Tsuneji Inami, Director and General Manager, Networking & Computing Systems Group for Freescale Semiconductor Japan. "We found that the TLA7000 Series by Tektronix meets our needs, and engineers are able to perform debug operations quickly on designs incorporating PowerQUICC processors. This enables us to further increase our customer service to communications equipment manufacturers."

The Tektronix TLA7000 Series logic analyzers provide the most powerful support available for the latest high-speed buses such as SerialRapidIO, PCI-Express and DDR2 Memory. The TLA7000 fully displays and simultaneously verifies multiple buses. It also has features that allow both high-speed 8GHz timing and 800MHz state analyses, and the simultaneous capture of up to 6,528 channels through extensible modules. With TLA Application Software version 5.0, the TLA7000 Series has trigger setups and an automatic measurement function with an explorer tab window, and drag-and-drop operations for fully maximizing the use of Microsoft Windows. The verification of various high-speed interfaces can be done with this single logic analyzer.

"We are pleased that our TLA7000 Series logic analyzer has been adopted as the primary debug tool by Freescale Semiconductor for the PowerQUICC communications processor family," said David Bennett, General Manager, Logic Analyzer Product Line, Tektronix. "The TLA7000 Series was announced in May last year, and has been well received by customers who are engaged in developing state-of-the-art electronic designs. We will continue to meet the needs of our customers who demand advanced functions and high reliability in debugging high-speed buses."

About Tektronix

Tektronix, Inc. is a test, measurement, and monitoring company providing measurement solutions to the communications, computer, and semiconductor industries worldwide. With more than 55 years of experience,

Tektronix enables its customers to design, build, deploy, and manage next-generation global communications networks and advanced technologies. Headquartered in Beaverton, Oregon, Tektronix has operations in 19 countries worldwide. Tektronix' Web address is www.tektronix.com.

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SOURCE: Tektronix, Inc.

CONTACT: Amy Higgins of Tektronix, +1-503-627-6497, or
Amy.L.Higgins@tektronix.com

Web site: <http://www.tektronix.com/>

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