Elliptic Technologies Selects Synopsys' Discovery VIP for ARM AMBA Interconnect for Verification of its Leading Security Systems

Next-generation Discovery VIP Provides High Performance, Advanced Features, and Ease-of-Use to Accelerate SoC Verification

MOUNTAIN VIEW, Calif., Dec. 17, 2012 /PRNewswire/ -- Synopsys, Inc. (NASDAQ: SNPS), a global leader providing software, IP and services used to accelerate innovation in chips and electronic systems, today announced that Elliptic Technologies, a technology leader in embedded security solutions for mobile, networking, smart grid and automotive markets, successfully deployed Synopsys' Discovery™ Verification IP (VIP) for the ARM® AMBA® protocol for verification of its new-generation Multi-Packet Manager security protocol accelerator (CLP-630). Elliptic cited performance, efficient ease-of-use and smooth deployment as some of the key benefits of Discovery VIP.

"The embedded security market demands delivery of error-free, rigorously verified security accelerators and processors," said Patrick Offers, vice president of engineering at Elliptic. "After evaluating several verification IP solutions for the verification of our AMBA interfaces, we determined that Synopsys' Discovery VIP was the best solution, allowing us to achieve our verification requirements while offering excellent ease-of-use and outstanding support."

Synopsys' Discovery VIP, based on the next-generation VIPER architecture and implemented in 100 percent SystemVerilog, offers enhanced performance, configurability, portability, debug, coverage and extensibility. Discovery VIP supports Synopsys' Protocol Analyzer, a protocol-centric debug environment with intelligent visibility into VIP source code. These capabilities substantially increase designer productivity for one of the most difficult and time-consuming aspects of functional verification.

"Synopsys' Discovery VIP for the ARM AMBA protocol continues to accelerate the verification of high-performance, leading-edge system-on-chips (SoCs)," said Debashis Chowdhury, vice president of R&D for the Synopsys Verification Group. "Discovery VIP's advanced protocol and verification features help meet verification challenges of AMBA-based products like Elliptic's Multi-Packet Manager security accelerator SoC."

About Synopsys

Synopsys, Inc. (Nasdaq:SNPS) accelerates innovation in the global electronics market. As a leader in electronic design automation (EDA) and semiconductor IP, its software, IP and services help engineers address their design, verification, system and manufacturing challenges. Since 1986, engineers around the world have been using Synopsys technology to design and create billions of chips and systems. Learn more at www.synopsys.com.

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