Synopsys Announces Immediate Support for Altera Stratix IV FPGAs

Synthesis Software is Optimized for Stratix IV Devices; Enables Superior Area Quality of Results and Low-Power Consumption

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MOUNTAIN VIEW, Calif., May 19 /PRNewswire-FirstCall/ -- Synopsys, Inc. (NASDAQ: SNPS), a world leader in software and IP for semiconductor design and manufacturing, today announced that the FPGA synthesis solutions from its Synplicity® Business Group, Synplify Pro® and Synplify Premier, support Altera Corporation's 40-nanometer (nm) Stratix® IV Field Programmable Gate Arrays (FPGAs). Synopsys' Synplicity synthesis solutions deliver exceptional value to customers through efficient mapping technology, tuned specifically to capitalize on the performance features of Stratix IV devices, and timing-driven synthesis technology that produces area optimizations resulting in lower-power consumption in Stratix IV-based designs.

"For customers looking to leverage 40-nanometer technology in their next- generation products, Stratix IV FPGAs deliver a significant advantage in the areas of density, performance and low-power," said Danny Biran, senior vice president of Product and Corporate Marketing at Altera. "Synopsys' Synplify Pro and Synplify Premier synthesis software offers Stratix IV FPGA users an advanced implementation solution that delivers high quality results."

Altera's Stratix IV FPGAs leverage an advanced 40-nm technology and the company's proven transceiver and memory interface technology to provide excellent system bandwidth with a high level of signal integrity. Stratix IV FPGAs, when coupled with HardCopy IV ASICs, deliver the benefits of FPGAs with a seamless transition to ASIC implementation.

"The Synplicity Business Group's long-standing partnership with Altera allows us to provide synthesis support for new devices such as Stratix IV FPGAs upon introduction. Early access to new device architecture details lets us optimize our software for these new devices so our mutual customers can start designing to them right away and achieve great performance with low-power consumption," said George Zafiropoulos, vice president of Solutions Marketing at Synopsys. "The combination of Altera Stratix IV FPGAs and Synopsys' Synplicity synthesis solutions gives designers more value, more quickly and at less cost."

Availability
Software support for Stratix IV devices is available now.

About Synopsys

Synopsys, Inc. (NASDAQ: SNPS) is a world leader in electronic design automation (EDA), supplying the global electronics market with the software, intellectual property (IP) and services used in semiconductor design and manufacturing. Synopsys' comprehensive, integrated portfolio of implementation, verification, IP, manufacturing and field-programmable gate array (FPGA) solutions helps address the key challenges designers and manufacturers face today, such as power and yield management, system-to- silicon verification and time-to-results. These technology-leading solutions help give Synopsys customers a competitive edge in bringing the best products to market quickly while reducing costs and schedule risk. Synopsys is headquartered in Mountain View, California, and has more than 60 offices located throughout North America, Europe, Japan, Asia and India. Visit Synopsys online at http://www.synopsys.com/.

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