Synopsys Star-RCXT Extraction Product Delivers 2X Performance Boost With Dual- Core Support

Increases Customer Productivity Through Multi-Core Technology

MOUNTAIN VIEW, Calif., March 31 /PRNewswire-FirstCall/ -- Synopsys, Inc. (NASDAQ: SNPS), a world leader in software and IP for semiconductor design and manufacturing, today announced that its Star-RCXT™ parasitic extraction product offers customers a near 2X performance boost over the previous release with dual-core support as part of the company's comprehensive multi-core initiative. The Star-RCXT product works seamlessly with popular commercial grid computing management software maximizing efficiency across multi-core processors as well as multi-processor compute farms.

"We are extensively investing in multi-core compute platforms to take advantage of the inherent performance scaling with a smaller power footprint. We are confident Synopsys has the ability to provide excellent design and analysis products that complement our multi-core investments," said Sribalan Santhanam, vice president of engineering at P.A. Semi. "Star-RCXT's multi-core processing, along with the new dual-core licensing feature, offers a highly cost-effective solution that results in overall improved designer productivity for the latest multi-core compute platforms."

Star-RCXT multi-core processing consists of easy-to-setup compute resource allocation, automated design partitioning to multiple processor cores, and automatic failure recovery for a superior fault-tolerant server environment. The dual-core license support delivers an average 1.8X performance boost using a single license with two processor cores, and 3X performance boost using two licenses with four processor cores. The dual-core licensing feature will apply to both the Star-RCXT and Star-RCXT VX products and is expected to be generally available to customers with the June 2008 release.

"Support for multi-core compute platforms enables the Star-RCXT extraction product to deliver superior productivity and excellent price-performance value," said Bijan Kiani, vice president of Product Marketing at Synopsys. "The Star-RCXT product continues to set new standards in providing solutions for customers' evolving needs. Multi-core support reflects Synopsys' commitment to provide a comprehensive solution across its core EDA and design- for-manufacturability product portfolios."

About Synopsys

Synopsys, Inc. (NASDAQ: SNPS) is a world leader in electronic design automation (EDA) software for semiconductor design. The company delivers technology-leading system and semiconductor design and verification platforms, IC manufacturing and yield optimization solutions, semiconductor intellectual property and design services to the global electronics market. These solutions enable the development and production of complex integrated circuits and electronic systems. Through its comprehensive solutions, Synopsys addresses the key challenges designers and manufacturers face today, including power management, accelerated time to yield and system-to-silicon verification. Synopsys is headquartered in Mountain View, California, and has more than 60 offices located throughout North America, Europe, Japan and Asia. Visit Synopsys online at https://www.synopsys.com/.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, including statements regarding the potential market demand, expected benefits, availability, and performance characteristics for the June 2008 release of Star-RCXT. These statements are based on current expectations and beliefs. Actual results could differ materially from those described by these statements due to risks and uncertainties including, but not limited to, unforeseen market forces, engineering difficulties, uncertainties attendant to any new product offering, and other risks as identified in the section of Synopsys' Annual Report on Form 10-K for the fiscal year ended October 31, 2007, and any subsequent forms 10-Q, entitled "Risk Factors."

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Editorial Contacts:
Sheryl Gulizia
Synopsys, Inc.
650-584-8635
sgulizia@synopsys.com

Lisa Gillette-Martin
MCA, Inc.
650-968-8900 ext. 115
lgmartin@mcapr.com

SOURCE: Synopsys, Inc.

CONTACT: Sheryl Gulizia of Synopsys, Inc., +1-650-584-8635,
sgulizia@synopsys.com; or Lisa Gillette-Martin of MCA, Inc., +1-650-968-8900,
ext. 115, lgmartin@mcapr.com

Web site: https://www.synopsys.com/