ATI Deploys Synopsys' Star-RCXT for Silicon-Accurate Parasitic Extraction

Sign-Off Flow With Star-RCXT Delivers High Predictability

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Synopsys, Inc. (NASDAQ: SNPS), a world leader in semiconductor design software, today announced that ATI Technologies, Inc. has deployed Synopsys' Star-RCXT™ extraction tool for its digital design flows. Star-RCXT delivers silicon- accurate parasitic extraction for advanced process nodes.

"Our design methodology requires high-performance, high-capacity, silicon- accurate parasitic extraction," said Adrian Hartog, senior vice president and CTO of ATI Technologies. "Star-RCXT handles our biggest, most advanced designs and is supported within all major foundries."

Star-RCXT is the market-leading parasitic extraction solution in Synopsys' Galaxy™ Design Platform, and the only extraction tool to cover cell-based, custom digital, and analog/mixed-signal designs. Star-RCXT supports 90- nanometer (nm) and 65-nm process capabilities including in-die process variation solutions such as selective process biasing (spacing- and width- dependent metal bias), local density effects, length of diffusion density and width-dependent thickness variation, width-dependent temperature variation, and metal fill. In modeling such advanced silicon process features, Star-RCXT extracts silicon-accurate resistance capacitance (RC) parasitics for use with PrimeTime SI to ensure rapid timing and signal integrity sign-off.

"Synopsys has a track record of being the first to deliver production- proven extraction and timing analysis capabilities for each new technology node with products such as Star-RCXT and PrimeTime," said Antun Domic, senior vice president and general manager, of Synopsys' Implementation Group. "We look forward to working closely with ATI to deploy the benefits of Star-RCXT in their design projects."

Within Synopsys' Galaxy Design Platform, Star-RCXT provides the parasitic extraction backbone used for implementation and sign-off of full-chip, cell- based and transistor-level applications. Star-RCXT has been ranked as the number one parasitic extraction tool for the past seven years by Dataquest.

About ATI

The ATI Technologies, Inc. is a world leader in the design and manufacture of innovative 3D graphics and digital media silicon solutions. An industry pioneer since 1985, ATI is the world's foremost graphics processor unit (GPU) provider and is dedicated to deliver leading-edge performance solutions for the full range of PC and Mac desktop and notebook platforms, workstation, set- top and digital television, game console and handheld device markets. For more information on ATI, visit www.ati.com.

About Synopsys

Synopsys, Inc. is the world leader in electronic design automation (EDA) software for semiconductor design. The company delivers technology-leading semiconductor design and verification platforms and IC manufacturing software products to the global electronics market, enabling the development and production of complex systems-on-chips (SoCs). Synopsys also provides intellectual property and design services to simplify the design process and accelerate time-to-market for its customers. 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 www.synopsys.com.

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