Synopsys Switch IP for PCI Express Passes PCI-SIG Compliance Testing

DesignWare IP Lowers Integration Risk and Drives Interoperability for Next Generation PCI Express Designs

MOUNTAIN VIEW, Calif., May 17 /PRNewswire-FirstCall/ -- Synopsys, Inc. (NASDAQ: SNPS), a world leader in semiconductor design software, today announced that its DesignWare® Switch intellectual property (IP) for PCI Express® has passed compliance testing at the PCI-Special Interest Group (PCI-SIG®) Compliance Workshop. Compliance helps ensure interoperability while minimizing risk and reducing time to market for designers using complex, high performance PCI Express interfaces. The DesignWare Switch IP for PCI Express is used to power Agilent Technologies' Protocol Test Card (PTC), one of three "Gold Tests" required by PCI-SIG for products to achieve compliance and be listed on PCI-SIG's Integrators List.

"Agilent's PTC for PCI Express has enabled the industry to rapidly adopt the PCI Express Standard," said Siegfried Gross, vice president and general manager of Agilent's Digital Verification Solutions Division. "Synopsys' track record of providing the industry with quality PCI Express IP was a key reason why we selected their IP for our PTC."

The DesignWare Switch IP for PCI Express is part of Synopsys' comprehensive, silicon-proven PCI Express solution supporting the 1.1 and 2.0 (Gen II) specifications. The suite of digital controllers, including Endpoint, Root Complex, Switch, Bridge and Dual Mode, provide low gate count and low latency. The PHY IP for PCI Express has the lowest power (30 to 50 percent lower than competitive solutions), high performance margins, and small die area. The verification IP enables a quick and efficient way to verify PCI Express designs using the industry's latest verification methodologies. The trusted DesignWare IP for PCI Express is used by more designers than any other PCI Express solution available today.

"Delivering IP that is compliant with the PCI Express standard is just one example of how Synopsys helps designers achieve interoperability and reduce integration risk," said John Koeter, senior director of marketing for the IP and Service Group at Synopsys. "By being in Agilent's PTC, Synopsys is contributing to a key industry product which helps designers validate the functional compliance of their PCI Express-based designs and deliver innovative products to the market."

Synopsys will be demonstrating the DesignWare IP for PCI Express 2.0 at the PCI-SIG Developer's Conference, May 21-22, 2007, in San Jose, California.

Availability

The DesignWare Switch IP for PCI Express is available now, for more information visit:

https://www.synopsys.com/designware-ip/interface-ip/pci-express.html

About DesignWare Cores

Synopsys DesignWare Cores provide system designers with silicon-proven, digital, and mixed-signal connectivity IP for some of the world's most recognized products, including communications processors, routers, switches, game consoles, digital cameras, computers and computer peripherals. Provided as synthesizable RTL source code or in GDS format, these cores enable designers to create innovative, cost-effective system-on-chips and embedded systems. Synopsys provides flexible licensing options for the DesignWare Cores. Each core can be licensed individually, on a fee-per-project basis, or users can opt to license all the cores as part of one simple agreement. For more information on DesignWare IP, visit: http://www.designware.com/.

About Synopsys

Synopsys, Inc. is a world leader in 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 offices in more than 60 locations throughout North America, Europe, Japan and Asia. Visit Synopsys online at https://www.synopsys.com/.

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