Himax Standardizes on Synopsys Implementation, Verification and IP Solutions for Video SoC Products

Consolidation Aimed at Reducing Total Design Time

MOUNTAIN VIEW, Calif., Oct. 25 /PRNewswire/ -- Synopsys, Inc. (Nasdaq: SNPS), a world leader in software and IP for semiconductor design, verification and manufacturing, today announced that Himax Technologies, Inc., a leading provider of advanced semiconductors for flat panel displays, has selected Synopsys' Galaxy™ Implementation and Discovery™ Verification Platforms for its video system-on-chip (SoC) products. As part of an expanded business agreement to establish Synopsys as its primary EDA partner, Himax has also extended its use of Synopsys DesignWare® IP.

"Himax specializes in developing semiconductor solutions for imaging processing technologies, from flat panel displays drivers used in handsets, monitors and televisions, to various innovative chipset solutions for 3D TVs, LCOS pico-projectors and so on," said Jordan Wu, CEO, Himax. "Our products have very tight delivery schedules, and we have chosen to deploy the broad set of Synopsys technology solutions to tape out our most advanced SoC designs."

The agreement between the two companies expands Himax's use of Synopsys' implementation tool suite, including DC Ultra™ RTL synthesis, Power Compiler™ power optimization and multi-voltage power management, TetraMAX® ATPG for scan test, PrimeTime® static timing analysis and IC Compiler physical implementation, as well as analog/mixed-signal verification solutions including VCS® functional verification, HSPICE® circuit simulation and CustomSim™ FastSPICE simulation. Himax is also deploying Lynx Design System to manage their design flows more efficiently and increase the productivity of their project teams.

"Himax is a leader in chip and system level solutions and needs flexibility and predictability in their design process to reduce total design time," said Chi-Foon Chan, president and chief operating officer at Synopsys. "To manage their growing design complexity, Himax is increasing their usage of Synopsys tools, IP and services. Our broadened collaboration will enable Himax to continue advancing the robustness of their design methodologies and flows and support the aggressive development of new, highly-differentiated products."

About Himax Technologies

Himax Technologies, Inc. designs, develops, and markets semiconductors that are critical components of flat panel displays. The Company's principal products are display drivers for large-sized TFT-LCD panels, which are used in desktop monitors, notebook computers and televisions, and display drivers for small and medium-sized TFT-LCD panels, which are used in mobile handsets and consumer electronics products such as netbook computers, digital cameras, mobile gaming devices, portable DVD players, digital photo frame and car navigation displays. In addition, the Company is expanding its product offerings to include timing controllers, LCD TV and monitor chipset solutions, LCOS projector solutions, power management ICs, CMOS image sensors, infinity color technology and 2D to 3D conversion solutions. Based in Tainan, Taiwan, the Company has regional offices in Hsinchu and Taipei, Taiwan; Ninbo, Foshan, Fuqing, Beijing, Shanghai, Suzhou and Shenzhen, China; Yokohama and Matsusaka, Japan; Cheonan-si, Chungcheongnam-do, South Korea; and Irvine, California, USA.

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, verification 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 approximately 70 offices located throughout North America, Europe, Japan, Asia and India. Visit Synopsys online at https://www.synopsys.com/.

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