Ubixum Adopts Synopsys Galaxy Custom Designer Mixed-Signal Implementation Solution

Ease of Deployment Critical in Meeting Time-to-Market Requirements

MOUNTAIN VIEW, Calif., Nov. 3, 2008—Synopsys, Inc. (Nasdaq: SNPS), a world leader in software and IP for semiconductor design and manufacturing, today announced that Ubixum has adopted Synopsys' Galaxy Custom Designer™ solution, the industry's first modern-era mixed-signal implementation solution. Ubixum needed a solution that would address the custom design implementation requirements of their latest advanced image sensor arrays while meeting time-to market schedules. The Custom Designer tool set fit easily into the Ubixum flow and delivered initial results in just a few days, demonstrating high productivity and high quality.

"The intuitive nature of Custom Designer made it easy to deploy in our design flow and through the use of the TCL scripting language, rapidly generate our layout," said Keith Fife, cofounder of Ubixum. "Our design team became immediately productive using the Custom Designer schematic editor and layout editor. The tool is modern, very well architected and integrates flawlessly with HSPICE, Hercules and Star-RCXT. We were able to design, implement and verify results within one week of using the tool. With Custom Designer we are now able to move from TCAD to custom design and through to digital implementation all within the Synopsys Galaxy Platform. We expect to gain even more productivity benefits as we use it for future designs."

Built from the ground up, Custom Designer was architected for productivity. Key modules include a schematic editor featuring on-canvas editing and dynamic net highlighting. The simulation environment provides a common use model allowing access to Synopsys simulators, including the HSPICE®, HSIM™ XA, NanoSim® XA and WaveView Analyzer simulators. The layout editor features a real-time preview of P-Cell parameter changes, and the results from Synopsys' Hercules™ DRC/LVS and Star-RCXT™ parasitic extraction tools are dynamically available within Custom Designer. In addition, Custom Designer enables complete data transparency with Synopsys' IC Compiler physical implementation solution, allowing the exchange of vital information during floorplanning, placement, routing and final chip editing to reduce time-consuming design iterations.

"Ubixum's successful adoption of Custom Designer underscores Synopsys' commitment to do for custom design what we have done for digital implementation, helping designers address modern AMS-era challenges with efficiency," said Bijan Kiani, vice president of Product Marketing for Design and Manufacturing Tools at Synopsys. "We look forward to working closely with companies like Ubixum to enable their full use of Custom Designer to achieve higher performance and productivity, and to help them realize a competitive advantage."

About Ubixum

Ubixum is a fabless semiconductor company specializing in imaging devices and systems. The company was incorporate in 2007 to design and manufacture novel, high-performance sensors for consumer and industrtial applications. Ubixum is headquartered in Palo Alto, California with engineering offices in Utah and Massachusetts.

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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