X-FAB Now Supports Synopsys Galaxy Custom Designer

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MOUNTAIN VIEW, Calif., and ERFURT, Germany
(NASDAQ-NMS:SNPS)

MOUNTAIN VIEW, Calif., and ERFURT, Germany, Dec. 17 /PRNewswire-FirstCall/ -- Synopsys, Inc. (NASDAQ: SNPS), a world leader in software and IP for semiconductor design, verification and manufacturing, and X-FAB Silicon Foundries, the leading analog/mixed-signal foundry, today announced that X-FAB has expanded its support to include Synopsys' Galaxy Custom Designer™ implementation solution. X-FAB now fully supports Synopsys' Galaxy™ Implementation Platform across its wide range of advanced modular CMOS process technologies for analog/mixed-signal (AMS) applications.

Custom Designer is a modern-era mixed-signal implementation solution that delivers superior ease-of-use and leverages Synopsys' Galaxy Implementation Platform to provide a unified solution for custom and cell-based designs. X-FAB has validated comprehensive support for Synopsys' custom implementation solution, including Custom Designer, HSPICE® circuit simulation, CustomSim™ verification, Hercules™ LVS/DRC and StarRC™ extraction tools. The Custom Designer toolset, used in conjunction with X-FAB process technology, can help designers achieve higher productivity and reduce time to market with a comprehensive, verified custom implementation solution.

"We have a large, growing and diverse global customer base that depends on us to deliver competitive technology and cost-optimized solutions," said Dr. Jens Kosch, chief technical officer at X-FAB. "Many of our customers also depend on Synopsys EDA tools, including Custom Designer. Synopsys and X-FAB have worked together to provide customers with both leading-edge CMOS technology and a productive, modern AMS implementation solution."

X-FAB's analog and mixed-signal technology is ideally suited for industrial, automotive and telecommunication applications. Based on a mixed-signal CMOS process, it features core and process modules such as low Vt, low leakage, embedded non-volatile memory and high-voltage options. In addition, it offers a standard or thick top-metal layer, PIP (Polysilicon-Insulator-Polysilicon) and MIM (Metal-Insulator-Metal) capacitors, and high-resistance polysilicon. A variety of MOS and bipolar transistors also are available.

"Synopsys proactively works with leading foundries like X-FAB to deliver increased value to our mutual customers," said Bijan Kiani, vice president of Product Marketing at Synopsys. "X-FAB's adoption and support for Custom Designer as well as the entire Galaxy Implementation Platform gives our customers access to one of the industry's largest dedicated analog and mixed-signal foundries."

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, software-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 65 offices located throughout North America, Europe, Japan, Asia and India. Visit Synopsys online at http://www.synopsys.com.

About X-FAB

X-FAB is the leading analog/mixed-signal foundry group manufacturing silicon wafers for analog/digital integrated circuits (mixed-signal ICs). X-FAB maintains wafer production facilities in Erfurt and Dresden (Germany), Lubbock, Texas (US) and Kuching, Sarawak (Malaysia), and employs approximately 2,500 people worldwide. Wafers are manufactured based on advanced modular CMOS and BiCMOS processes with technologies ranging from 1.0 to 0.18 micrometers, for applications primarily in the automotive, communications, consumer and industrial sectors. For more information, please visit www.xfab.com

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