Synopsys Acquires Optical Research Associates

Acquisition Extends Synopsys' Engineering Software Capability into Optical Design and Analysis

MOUNTAIN VIEW, Calif., Oct. 7 /PRNewswire-FirstCall/ -- Synopsys, Inc. (Nasdaq: SNPS), a world leader in software and IP for semiconductor design, verification and manufacturing, has acquired Optical Research Associates (ORA®), a privately held leading provider of optical design software and optical engineering services. The addition of ORA's expertise, technology and products will allow Synopsys to move into the rapidly growing markets associated with displays and solid state lighting using light emitting diodes (LEDs), as well as expand into markets such as semiconductor lithography equipment and cameras. This acquisition represents Synopsys' initial move into this space and aligns with the company's strategy to expand its total addressable market into areas that are naturally adjacent to traditional electronic design automation (EDA).

ORA software is used to design and optimize applications that require light to be controlled or manipulated. Its software allows engineers to design and optimize the optical components and systems found in products such as cameras, telescopes, semiconductor lithography equipment, projectors, laptop displays, automotive lighting, and solid state lighting using LEDs. Optical components can include items such as lenses, prisms and mirrors, while the systems can include any combination of components necessary to achieve the desired image or image uniformity.

The terms of the deal, which closed today, are not being disclosed. The acquisition is not expected to be material to Synopsys' results in either fiscal 2010 or 2011.

"Optical design is a logical adjacency for Synopsys. The analysis and optimization of optical systems involves the same level of algorithmic and software engineering expertise Synopsys is known to provide," said Howard Ko, senior vice president and general manager of Synopsys' silicon engineering group. "Not only do our companies offer complementary technology and a shared vision, we both have cultures committed to technical excellence and leadership. We believe that together we can provide substantial value to ORA's current customers as well as to growing and emerging markets in solid state lighting and LEDs."

Optical Research Associates delivers innovative solutions to the optics industry. With its CODE V® and *LightTools*® software products, ORA is one of the world's leading developers of optical design and analysis software. CODE V is used for the design and analysis of optical imaging and optical communication systems. It precisely simulates the reaction of light rays as they pass through or bounce off elements such as lenses, mirrors and prisms, and calculates image quality. The result is a product or system capable of accurately depicting objects such as a planet via a telescope. *LightTools* is a 3D tool focused on how best to manipulate and control light. It accurately simulates how light will be perceived in real-world environments so that engineers can design products such as automotive headlights, street lights and cell phone displays that have the desired brightness, distribution and uniformity of light.

ORA's Engineering Services group provides imaginative, cost-effective solutions across the entire spectrum of optical design, with more than 4,800 completed projects since the company was founded in 1963. Working with its software distribution partners, ORA has customers in more than 25 countries. ORA is located in Pasadena, California, Tucson, AZ and Westborough, 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, 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 65 offices located throughout North America, Europe, Japan, Asia and India. Visit Synopsys online at https://www.synopsys.com.

Safe Harbor Statement/Forward-Looking Statements

This press release contains forward-looking statements within the meaning of U.S. federal securities laws, including statements regarding the expected impact on Synopsys' financial results and the expected benefits of the acquisition. Forward-looking statements are subject to both known and unknown risks and uncertainties that may cause actual results to differ materially from those expressed or implied in the forward-looking statements, and that are outside our control. These risks and uncertainties include, among others: our ability to integrate the acquired business and technologies with our own; the effect of the announcement of the acquisition on Synopsys' and ORA's businesses, including possible delays in customer orders; our

potential inability to operate or integrate ORA's business successfully, including the potential loss of customers, key employees, partners or vendors; and uncertain customer demand and support obligations for the new offerings. Other risks and uncertainties that may apply are set forth in the Risk Factors section of our most recently filed Quarterly Report on Form 10-Q. Synopsys assumes no obligation to update any forward-looking statement contained in this press release.

Synopsys is a registered trademark of Synopsys, Inc. ORA is a registered trademark of Optical Research Associates. All other trademarks mentioned in this release are the intellectual property of their respective owners.

Editorial Contacts:
Yvette Huygen
Synopsys, Inc.
650-584-4547
yvetteh@synopsys.com

Investor Contacts:
Lisa Ewbank
Synopsys, Inc.
650-584-1901

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