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CyberOptics Introduces the Industry's First Design-to-Automated Inspection Data Flow enabled by Mentor Graphics Valor Process Preparation

CyberOptics Corporation (NASDAQ:CYBE) announces the close-to-immediate setup of PCB-A inspection using Automated Optical Inspection (AOI) and Solder Paste Inspection (SPI) systems for new products in just one simple step. Programming automated inspection systems has been a long-standing bottleneck for the acceleration of the New Product Introduction (NPI) process; a barrier now removed using the Mentor® Valor® Process Preparation programming tool in conjunction with CyberOptics inspection systems.

“Customers have told us that they now face higher mix production with increasing model variations and need to find a way to be agile to maintain their productivity levels going forward,” stated Shen Hwang Ting, AOI Product Manager of CyberOptics. “The solution with CyberOptics and Mentor Graphics now addresses this issue, enabling very rapid set-up of new and changed products, promoting an agile operational environment.”

This unique solution utilizes advanced data exchange formats between the Mentor Graphics® Valor Process Preparation engineering tool and CyberOptics systems. This enables programming and library preparation automation and optimization up-stream and off-line; intelligent design data and the central materials library utilization; and the Valor Part Library (VPL) for vast component shapes and attribute data.

“Mentor’s unique position in providing a market-leading PCB design-through-manufacturing flow further extends the value of our intelligent and rich tools data through automation to the actual point of operation on the shop-floor,” commented Oren Manor of Mentor Graphics. “This differentiates our customers by enabling them to respond to market needs in terms of quality, delivery, and cost.”

In an industry that is challenged to “make anything, anywhere, anytime,” the close integration of the Valor Process Preparation tool, with the Valor Part Library and CyberOptics inspection systems represents a significant step forward to meet current and future requirements.

To learn more about the CyberOptics and Mentor Graphics Valor solution, visit www.cyberoptics.com.

About CyberOptics Corporation

Founded in 1984, CyberOptics Corporation is a leading provider of sensors and inspection systems that provide process yield and throughput improvement solutions for the global electronics assembly and semiconductor capital equipment markets. The Company's products are deployed on production lines that manufacture surface mount technology circuit boards and semiconductor process equipment. Through internal development and acquisitions, CyberOptics is strategically repositioning itself to become a global leader in high-precision 3D sensors. Headquartered in Minneapolis, Minnesota, CyberOptics conducts worldwide operations through facilities in North America, Asia and Europe.

For more information, visit the Company's website at www.cyberoptics.com.

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