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## **CYPRESS LAUNCHES PROCESS-CONTROL PROJECT IN FAB IV**

### **Effort Aimed at Reducing Manufacturing Costs, Increasing Yield**

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SAN JOSE, California...April 7, 2000 -- Cypress Semiconductor (NYSE:CY) today announced the in phases of a multi-phase, multi-million dollar project with SEMY Engineering, the leading provider of Production-Proven Advanced Process Control (APC) solutions to the semiconductor industry and a wholly owned subsidiary of Semitool, Inc. Installation of SEMY's APC Solutions will begin in this month at Cypress Fab IV, located in Bloomington, MN, and will include the standard SEMY-Sentinel™ package.

SEMY-Sentinel is a supervisory system designed to improve the efficiency of manufacturing operations and to reduce the potential for product scrap. The product enables APC through automatic real-time data collection and process monitoring. Key benefits to the SEMY-Sentinel application include Advanced Run-to-Run Control (ARRC™), Automatic Fault Detection, Scrap Prevention and Predictive/Preventive Maintenance modules.

"Teaming with the leading APC supplier gives Cypress an opportunity to continue to grow and meet increasing demand for our products," said Peter Mitchell, site director for Cypress's Bloomington, MN facility. "We are anticipating the productivity improvements that are associated with the fab-wide installation of SEMY-Sentinel."

Kevin Jackson, president of SEMY Engineering added, "This commitment from Cypress again confirms SEMY's leadership position in the APC market. In today's competitive high-tech world, semiconductor manufacturers are continually looking for ways to reduce cost while increasing yield. Cypress will join the world-wide ranks of 'SEMY SECURED FABs' that are already achieving substantial returns on their investments."

### **About Cypress**

Cypress Semiconductor provides high-performance integrated circuit solutions "By Engineers. For Engineers.™" for fast-growing companies in fast-growing markets, including data communications, telecommunications, computation, consumer products, and industrial-control. With a focus on emerging communications applications, Cypress's product lines include networking-optimized and micropower static RAMs; high-bandwidth multiport and FIFO memories; high-density programmable logic devices; timing technology for PCs and other digital systems; and controllers for Universal Serial Bus (USB). Cypress is No. 1 in the USB and clock chip markets.

More than two-thirds of Cypress's sales come from fast-growing datacom/telecom markets and dynamic companies such as Alcatel, Cisco, Ericsson, Lucent, Motorola, and Nortel Networks, and 3Com. Cypress's ability to mix and match its broad portfolio of intellectual property enables targeted integrated solutions for high-speed systems that feed bandwidth-hungry Internet applications. Cypress aims to become the preferred silicon supplier for Internet switching systems and to have every Internet data stream pass through at least one Cypress IC.

Cypress employs more than 3,600 people worldwide with international headquarters in San Jose, California. Its shares are listed on the New York Stock Exchange under the symbol CY. More information about Cypress is accessible electronically on the company's worldwide web site at <http://www.cypress.com> or by CD-ROM (call 1-800-858-1810). An electronic investor forum and other investor information is located at <http://www.cypress.com/investor/index.html>.

### **About SEMY Engineering, Inc.**

Founded in 1984, SEMY Engineering is the leading provider of Production-Proven APC Solutions™ to the semiconductor industry. SEMY partners with its customers to provide Automatic Fault Detection and Advanced Run-to-Run Control to reduce scrap and improve productivity and yield.

SEMY's product line is based on a wealth of experience from all process areas of the factory and includes extensive capabilities to analyze and control the most sophisticated process equipment. The company also offers control system products including a robust state-of-the-art model based control technology.

SEMY Engineering, headquartered in Phoenix, AZ, is a wholly owned subsidiary of Semitool, Inc. (Nasdaq: SMTL). Visit SEMY Engineering on the World Wide Web at <http://www.semy.com> or call us at 602-861-9395.

**Safe Harbor Statement**

Except for historical information, the matters discussed in this news release are forward-looking statements, including in particular those statements relating to SEMY's leadership position and the potential sales value represented by this project with Cypress. Such forward-looking statements are subject to certain risks and uncertainties including, but not limited to, industry conditions, economic conditions, and non-acceptance of new technologies. Neither Semitool nor its subsidiary assumes an obligation to update or supplement forward-looking statements that become untrue because of subsequent events.