

Press Release



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CYPRESS, ECHELON TO BUILD NEURON® NETWORK PROCESSOR CHIP

Partnership to accelerate the device networking revolution

San Jose, CA and Palo Alto, CA — April 25, 1999 — Echelon Corporation (NASDAQ: ELON) and Cypress Semiconductor Corporation (NYSE:CY) today announced an agreement under which Cypress will develop, market and sell Neuron Chips, [which are microprocessors](#) that enable [control networks in](#) home, industrial, building, and transportation applications.

Neuron chips provide the logic for LONWORKS® [control networks](#), an open-control standard that enables users to [connect](#) a broad range of LONWORKS-compatible products, from

CYPRESS, ECHELON PAIR TO EXPAND LONPOINT SYSTEM

motors, switches, and valves, to security systems, light switches, and heating and cooling systems [in a networked environment](#).

“We are delighted to have Cypress as a Neuron Chip partner,” said Ken Oshman, President and CEO of Echelon. “Cypress brings a track record [of design, manufacturing and marketing](#) success in high-volume, cost-sensitive, embedded-control markets.”

“Echelon [is](#) the leader in the fast-growing market for intelligent, networked devices,” said T.J. Rodgers, president and CEO of Cypress Semiconductor. “Our decision to provide Neuron Chips for LONWORKS will extend our penetration into embedded-control markets, where Cypress has enjoyed substantial success, designing USB chips for Microsoft and other major PC-peripheral manufacturers.”

Each Neuron Chip contains three CPUs, on-board memory, general purpose I/O pins, and a complete, interoperable implementation of the EIA 709.1 control networking protocol standard. Cypress plans to use [FLASH](#) technology to deliver robust, flexible, cost-effective solutions for the LONWORKS environment.

Cypress products will [offer enhanced functionality, while maintaining pin-compatibility with the existing](#) Neuron Chip offerings. The LONWORKS standard is supported by a fast-growing number of networking equipment manufacturers, including Cisco Systems.

“Seamlessly integrating data and IP networking with the world of control systems has been the focus of Echelon’s research and development efforts,” said John Chambers, President and CEO of Cisco Systems, Inc. “Connecting everything from home appliances to industrial control devices is the next step in networking via the Internet. Echelon is making this vision a reality today, and their partnership with a high quality, low-cost semiconductor manufacturer like Cypress is a great step forward.”

About Echelon Corp.

Echelon Corporation (NASDAQ: ELON) is the developer of LONWORKS networks, recognized internationally as a standard for interoperable control networks. With thousands of application developers and millions of devices installed worldwide, the LONWORKS system is a leading open, networked control solution for building and home automation, industrial, transportation, and public utility applications. Echelon offers a full range of off-the-shelf hardware and software products to support the development, installation and management of intelligent, open and interoperable control networks. Echelon is based in Palo Alto, California with international offices in China, France, Germany, Japan, Korea, The Netherlands and the United Kingdom. News and information are available at <http://www.echelon.com>.

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About Cypress Semiconductor Corp

Cypress Semiconductor Corporation (NYSE:CY) is an international supplier of high-performance integrated circuits with worldwide headquarters in San Jose, California. The company provides a broad range of products for leading computer, networking, and telecommunications companies worldwide. The company's product line includes static RAMs, high-speed PROMs, and specialty memories; programmable logic devices (PLDs); data communications products; and timing devices and USB microcontrollers. Cypress shares are listed on the New York Stock Exchange under the symbol CY. The company has a site on the worldwide web at <http://www.cypress.com>.

This press release may contain statements relating to future plans, events or performance. Such statements may involve risks and uncertainties, including risks associated with uncertainties pertaining to the timing and level of customer orders, demand for products and services, development of markets for both Echelon's and Cypress's products and services and other risks identified in Echelon's and Cypress's SEC filings. Actual results, events and performance may differ materially. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof. Echelon and Cypress undertakes no obligation to release publicly the result of any revisions to these forward-looking statements that may be made to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.