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For Immediate Release

Cypress Extends Networking SRAM Portfolio To 9 Mbit Density

***Family Extension Includes Best-in-Class 200 MHz, 3.3V and 2.5V Families;
First Parts to Be Manufactured In High-Volume In Cypress's New 0.2-Micron Process***

SAN JOSE, Calif., July 19, 2000 – Cypress Semiconductor Corp. (NYSE:CY) today expanded its family of network-optimized SRAMs to the 9 Mbit density for high-speed buffer memory and processor cache applications. The chips target a wide range of communications end markets, including wireless infrastructure, wide area network (WAN), and storage area network (SAN) applications. The devices include both the NoBL™ and standard synchronous architectures.

The new devices are the first to be offered in volume using Cypress's latest-generation, 0.2-micron RAM6 process technology, which is ramping rapidly at the company's 8-inch wafer fabrication facility in Bloomington, Minnesota. Both families of devices are 100% compatible with industry standards, providing customers with the security of multiple vendor support.

The line expansion underscores the breadth of Cypress offerings in synchronous, networking-optimized memories. The 2.5V family compliments the portfolio of 3.3-V, 9 Mbit memories originally introduced by Galvantech. Galvantech was acquired by Cypress in the first quarter of 2000. Cypress offers both pipelined and flowthrough architectures in 256K x 36, 256K x 32 and 512K x 18 configurations. The industry-leading 2.5-V offering is crucial in the drive toward lower operating voltages. Lower-operating-voltage parts consume less power and are ideal for interfacing with the 2.5-V ASIC devices used in today's networking systems. The standard synchronous pipelined devices deliver performance supporting bus speeds up to a best-in-class 200 MHz. All the new chips feature a JTAG interface for high-reliability customer board-level testing after assembly.

"The 9 Mbit introduction rounds out our portfolio in synchronous, networking memories and demonstrates our continuing commitment to the networking and telecommunications businesses," said Tony Alvarez, senior vice president of Cypress's Memory Products Division.

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Approximately 80% of Cypress's revenues are derived from communications customers, including fast-growing companies such as Alcatel, Cisco, Ericsson, Lucent, Motorola, Nortel Networks, and 3Com.

Cypress's NoBL SRAMs eliminate latency by allowing data transfer on every clock cycle, regardless of whether a "write" or "read" operation is taking place. They optimize performance in networking applications, offering a "byte write" feature that enables data to be changed in one operation, versus three operations in the current "read/modify/write" method. NoBL SRAMs have a "clock enable" feature that allows designers to insert wait states when required by system inactivity.

The new devices are available in both the industry-standard, 100-pin TQFP and a 119-bump, 14mm x 22mm ball-grid array (PBGA). The 3.3-volt versions are available in production quantities now, while 2.5-volt samples are available now with production in Q4.

About Cypress

Cypress Semiconductor provides high-performance integrated circuit solutions "By Engineers. For Engineers.TM" 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 communications markets. 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 for every Internet data stream to pass through at least one Cypress IC.

Cypress employs more than 3,900 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>.

"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: Statements herein that are not historical facts are "forward-looking statements" involving risks and uncertainties. Please refer to Cypress's Securities and Exchange Commission filings for a discussion of such risks.

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