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For Immediate Release

Cypress Delivers Samples of 4 Mbit Dual-Port Memory

*High-Density, High-Performance Specialty Memory for WAN and SAN Applications
Goes from Simulation to Silicon to Fully-Functional Samples in Less than One Month*

SAN JOSE, Calif., May 23, 2001 – Cypress Semiconductor (NYSE: CY) today delivered samples of the 4 Mbit version of its popular FLEx36™ true dual-port memory family, taking the device from simulation to first silicon to fully-functional samples in less than one month. This high-performance specialty memory targets high-end storage networks, high-speed wide-area networks (WANs) and wireless infrastructure applications.

“Sound design techniques and flawless execution allowed us to sample 100 percent functional silicon to customers less than 25 days after completing the design,” said Frances Courreges, business unit director for Cypress’s specialty memories. “Within seven days of receiving silicon, we were able to test the devices for complete functionality. The 4 Mbit dual port has passed every test to date, giving us first-pass yield that will result in shipments to customers.”

“This record cycle time has enabled us to exceed customer expectations,” added Jim Dillon, multiport product manager. “We anticipate sampling hundreds of devices to dozens of customers before the end of the quarter.”

When used in conjunction with Cypress’s OC-48 port SERDES, the Delta39K™ CPLD and the Cypress HOTLink™ family of backplane physical layer devices, the 4-Mbit FLEx36 dual-port provides a complete system solution for customers building communications line cards. Communications customers that are already familiar with or have used Cypress’s 1-Mbit FLEx36 dual-port, quad-data-rate (QDR™), QuadPort switch, Beast™ FIFO, synchronous SRAM, CPLD, or clock solutions are ideal candidates who would benefit from the 4-Mbit dual-port memory.

The CY7C0852 is configured as a 128k x 36, synchronous dual-ported memory and is also available in 256K x 18, 64K x 36, or 128K x 18 configurations. The current offering includes 3.3V LVTTTL I/O versions. The CY7C0852 is capable of transferring 10.8 Gigabits per second at a speed of 150 MHz, easing communications bottlenecks, enabling more efficient backplane management and

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increasing overall system performance. The device will be manufactured using Cypress's RAM7 fast transistor, 0.15-micron CMOS process.

Availability and Pricing

The CY7C0852V is part of a full portfolio of devices that Cypress will offer, including various densities up to 4 Mbit and data widths up to 36 bits wide, in both fBGA and TQFP packages. Initial samples are available now, with volume production starting in the third quarter. Pricing of the 4 Mbit device will start at \$95 in quantities of 10,000.

About Cypress

Cypress Semiconductor is "Driving the Communications Revolution"™ by providing high-performance integrated circuit solutions to fast-growing markets, including data communications, telecommunications, computation, consumer products, and industrial control. With a focus on emerging communications applications, Cypress's product portfolios include high-speed data communications ICs; networking-optimized and micropower static RAMs; high-bandwidth multi-port and FIFO memories; high-density programmable logic devices; timing technology solutions; and controllers for Universal Serial Bus (USB).

More than two-thirds of Cypress's sales come from fast-growing communications markets and dynamic companies such as Alcatel, Cisco, Ericsson, Lucent, Motorola, 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 for every Internet data stream to pass through at least one Cypress IC.

Cypress employs more than 4,700 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>.

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