

**CYPRESS INTRODUCES WORLD'S HIGHEST BANDWIDTH FIFOs**

**x36 Devices Reach 133 MHz to Deliver 10 Gbps Bandwidth**

SAN JOSE, Calif., October 6, 1999 -- Cypress Semiconductor Corporation (NYSE:CY) today announced that its x36 Sync FIFO (First-In/First-Out) memories are now available at 133 MHz, making them the fastest and highest bandwidth 36-bit-wide FIFOs on the market. With two independent ports, each capable of handling 36 bits at 133 MHz, the new FIFOs deliver an industry best 9.6 Gbps of bandwidth. They are an ideal memory-buffer solution for bandwidth-hungry local area networks (LANs), wide area networks (WANs), and storage area networks (SANs), all of which are used to transfer and store the rapidly expanding amount of data that travels over the Internet.

Available in both 5-V and 3.3-V options, the new FIFOs also represent the fastest and highest bandwidth bi-directional FIFOs available. The ports on these devices are fully asynchronous and allow simultaneous read and write operations, resulting in faster access times between critical system components. The family offers feature enhancements, density upgrades, and pin-compatibility with devices currently available in the market.

"Cypress is taking another leap forward in the specialty memory market," said Geoff Charubin, director of marketing for Cypress's DataCom product line. "This industry leading bandwidth of roughly 10 Gbps marks the next milestone towards breaking the 25 Gbps barrier by next year. We will continue to work with customers to better understand, serve, and capitalize on the explosive growth of the data communications market."

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### **Pricing and Availability**

Both the 5-V and 3.3-V 133-MHz x36 Sync FIFO are available in 120- and 128-pin TQFP packages. The new devices will sample in October, with production quantities available in November. Pricing for the lower density devices starts at \$20 in 10,000-unit quantities.

Cypress Semiconductor Corporation, with international headquarters in San Jose, California, provides a broad range of products for leading data communications, telecommunications, computation, consumer, and industrial-control companies worldwide. Cypress's product line includes data communications products; static RAM and specialty memories; programmable logic devices (PLDs); timing devices (clock chips), and microcontrollers for Universal Serial Bus (USB), the new, plug-and-play interface standard connecting PCs and peripherals.

The company is No. 1 in the USB and clock chip markets. More than two-thirds of Cypress's sales are into fast-growing datacom/telecom markets and dynamic companies such as *Lucent, Cisco, 3Com, Alcatel, Motorola, Ericsson, and Northern Telecom.*

Cypress's shares are listed on the New York Stock Exchange under the symbol CY. The company's worldwide web site is <http://www.cypress.com>.

"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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