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FOR IMMEDIATE RELEASE

Cypress Ships 10-Gbps 3.3 V FIFOs

***Communication Memories are the Highest-Bandwidth 36-Bit-Wide FIFOs on the Market
Targeting WAN Applications Such as High Performance Switches, Routers, and Access Equipment***

SAN JOSE, Calif., April 20, 2001 – Cypress Semiconductor (NYSE: CY) today announced production shipments of the 3.3 V versions of its x36 First In/First Out (FIFO) high-performance memories targeted at communications applications. The new 3.3 V Cypress FIFO memories transfer data at speeds up to 133 MHz, making them an ideal choice for memory-buffer solutions.

The 1 Mbit, x36 bi-directional FIFOs provide two independent ports, each capable of handling 36 bits at up to 133 MHz. The ports are fully independent and allow simultaneous read and write operations, enabling easy interfacing between critical system components. These communications memories now are available in both 3.3 V and 5 V versions, packaged in both 120- and 128-pin TQFPs.

“Offering up to 10-Gbps of total bandwidth, these FIFOs are consistent with Cypress’s strategy to maximize specialty memory bandwidths, a critical attribute in bandwidth-hungry datacom applications,” said Richard Quon, Cypress product marketing manager for communications memories. “This family of products represent yet another high performance Cypress product to service the bandwidth needs of our communications customers while also addressing the trend toward lower operating voltages.”

Pricing and Availability

Production quantities of the CY7C436X2AV, CY7C436X3AV, CY7C436X4AV, and CY7C436X6AV families are available now. Prices start at \$24 in quantities of 100K or more.

About Cypress

Cypress Semiconductor (NYSE: CY) 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 4,500 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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“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, including by not limited to: the effect of global economic conditions, shifts in supply and demand, market acceptance, the impact of competitive products and pricing, product development, commercialization and technological difficulties, and capacity and supply constraints. Please refer to Cypress's Securities and Exchange Commission filings for a discussion of such risks.

“Driving the Communications Revolution” is a trademark of Cypress Semiconductor.