

Contacts:
Louie Yan
PR Manager
(408)943-2817
LRY@cypress.com

For Immediate Release

**Cypress's 2.5 Gbps InfiniBand™ Transceiver For Switch Fabric Architecture
Targets High-Speed Data Networks, Storage Networks and Communications Backplanes**

*Integrated InfiniPHY™ Device Rounds Out Cypress's Portfolio of Solutions for WAN Line Cards,
Including Serial Links, Programmable Clocks, Multi-Port Memories, CPLDs, and Packet
Accelerators*

SAN JOSE, Calif., October 23, 2000 – Cypress Semiconductor (NYSE: CY), building on its established capabilities in high-speed data communications solutions, today introduced its InfiniPHY™ transceiver, a fully-integrated, 2.5 Gbps Physical Layer Transceiver for high-speed InfiniBand™-based architectures. InfiniBand technology relieves data bottlenecks and dramatically enhances the performance of wide-area networks, storage networks and high performance servers by replacing traditional bus architectures with a switch fabric solution.

“The CY7B9260V is the first in a full line of high-speed, InfiniBand-compliant devices that will advance Cypress's strategy of providing an entire line card solution,” stated Dan Morris, vice president of Cypress's WAN segment. “Our product portfolios for high-speed networking and storage systems now include high-speed serial links, programmable high-performance clock buffers and generators, multi-port memories, complex programmable logic devices (CPLDs), and high-performance packet accelerators.”

“With this InfiniBand transceiver, we strengthen our position in the market for the high-performance solutions needed to bring today's high-speed communications systems to the next level,” said Christopher Norris, vice president of Cypress's data communications division. “Our InfiniPHY transceiver takes advantage of our core competencies in high-speed physical layer and programmable logic devices.”

The CY7B9260V operates at 2.5Gbps and integrates transmitter, receiver, clock and data recovery (CDR) circuit, SERDES, and 8B/10B encoder-decoder in a single chip. It supports InfiniBand-compliant byte alignment and link training sequence, thereby ensuring interoperability. The device features superior jitter performance to ensure robust system operation.

-MORE-

Availability, Pricing and Packaging

Samples of the CY7B9260V transceiver and evaluation boards will be available in the fourth quarter of 2000. Production volumes of the device will ship early in the first quarter of 2001, priced at \$95 for quantities of 1,000. The CY7B9260V is packaged in a 456-ball, thermally-enhanced BGA package.

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 networking-optimized and micropower static RAMs; high-bandwidth multi-port 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 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 4,100 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, including but not limited to the effects 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.

InfiniPHY and “Driving the Communications Revolution” are trademarks of Cypress Semiconductor. InfiniBand is a trademark of the InfiniBand Trade Association.