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For Immediate Release

Cypress Delivers USB 2.0 Mass Storage Reference Design Kit

***USB 2.0-to-ATA Reference Design Provides Flexible Hardware and Software Support
For UDMA-100 Performance in Mass Storage Peripherals***

SAN JOSE, Calif., June 19, 2001 – Cypress Semiconductor (NYSE: CY) today announced the availability of a reference design kit for USB 2.0 mass storage applications. The CY4611 reference design kit uses Cypress's EZ-USB[®] FX2[™] controller to provide a high-performance USB 2.0-to-ATA bridge solution supporting various storage media and the IDE and ATAPI data transfer modes through UDMA-100.

The CY4611 kit includes the hardware and software that developers need to implement the high-speed USB 2.0 interface in mass-storage peripherals, including CD-RW, DVD, magneto-optical and hard disk drives. Designers can use the standard mass-storage class drivers that ship with various operating systems. Cypress has conducted extensive testing to ensure the development kit's compatibility with a broad range of storage media, drives and manufacturers.

"The mass storage market represents a 'sweet spot' for USB 2.0. Peripheral manufacturers are eager to implement the high-bandwidth capabilities that USB 2.0 can deliver," said Dave Podsiadlo, product marketing manager for Cypress's Interface Products Division. "The flexible architecture of the EZ-USB FX2 is a clear advantage for mass storage system developers. It allows them to not only customize their designs but also provides the adaptability needed to support emerging storage technologies."

The CY4611 kit includes a small-form-factor demonstration board (also known as a "tailgate" board), firmware source and object code, and full documentation. Extensive operating system support includes custom drivers for Microsoft Windows[®]98, standard operating system class drivers for Windows (XP, 2000 and ME) and standard operating system class drivers for the Mac OS (8.6, 9.0/9.1 and X). The kit's hardware files include schematics, bill of materials and Gerber files. The CY4611

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takes advantage of the EZ-USB FX2 controller's flexible architecture to provide a high level of adaptability, ensuring high performance and compatibility with all IDE and ATAPI designs.

About EZ-USB FX2

The EZ-USB FX2 controller is an extremely flexible, yet cost-effective single-chip solution whose high integration provides superior time-to-market advantages. The device integrates a USB 2.0 transceiver, intelligent serial interface engine (SIE), enhanced 8051 core and General Programmable Interface (GPIF).

Availability

The CY4611 mass storage reference design kit is available now. Qualified customers can contact their local Cypress sales office to request a kit. A list of local Cypress sales offices is located at www.cypress.com/contacts/.

Photo

A high-resolution photo of the CY4611 mass storage reference design kit can be downloaded from www.cypress.com/press/photo/fx2msdevkit.html.

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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EZ-USB FX2 and “Driving the Communications Revolution” are trademarks of Cypress Semiconductor. EZ-USB is a registered trademark of Cypress Semiconductor.

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