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For Immediate Release

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Mouser Electronics Now Stocking Cypress' CapSense Express™ Touch Sensing Controller

Capacitive Touch Sensing Solution Enables Industry's Easiest and Fastest Button and Slider Replacement In Any System

Mansfield, Texas, USA –June 12, 2008 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it is stocking the [CapSense Express™ Touch Sensing Controller](#) from [Cypress Semiconductor](http://www.cypress.com), a leading supplier of high-performance, mixed-signal, programmable solutions.

The CY8C201X0 and CY8C201X2 CapSense Express devices offer up to ten capacitive and/or general purpose I/Os, allowing design flexibility to implement combinations of buttons, sliders, and general purpose functions like LED control and interrupt outputs. The CapSense Express solution enables designers to implement up to 10 buttons and/or sliders in as little as five minutes – with no coding. The PSoC Express™ visual embedded system design tool and CapSense Express configuration tool allow designers to monitor and tune the performance of the buttons and sliders in real time using a graphical user interface.

For battery-powered applications, the CapSense Express devices offer low power consumption of just 1mA active current and 2.6µA in sleep mode. The controllers offer a wide operating voltage of 2.4V to 5.25V and an industrial temperature range of -40°C to +85°C. In addition, an I²C communication interface is provided so designers can have tuning values load at power-up.

For further evaluation and development with CapSense Express, a complete set of kits to suit the touch sensing functionality of individual design requirements are available. The [CY3218-CAPEXP1](#) Kit provides functionality for three CapSense buttons, three backlighting LEDs, three status LEDs, and one mechanical button. The [CY3218-CAPEXP2](#) kit provides functionality for a five segment slider, four status LEDs, and one mechanical button.

Cypress' PSoC®-based CapSense devices offer unmatched flexibility and integration, addressing a broad range of designs from complex, feature-rich applications to simple button replacement.

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The Newest Products For The Newest Designs

“Mouser strives to have the newest technologies in stock to allow our design engineering customers the opportunity to evaluate the latest technological advances for their new designs,” said Mike Scott, Mouser’s Vice President of Active Products. “Continuing to expand our in-stock offering of Cypress’ new products and tools like their new CapSense Express™ Touch Sensing Controller offers our engineering customers more opportunities to create innovative designs and get them to market quickly.”

Known for its broad-based product line, unsurpassed customer service, and streamlined warehouse operations, Mouser continuously offers customers the most innovative products and latest technologies for their new design projects.

Mouser Electronics is the only major distributor to publish a new 2,100+ page print catalog every 90 days. In addition, its website with interactive online catalog is updated daily, contains more than one million products for easy online purchase, provides over 1.5 million cross-references, as well as more than 831,000 downloadable data sheets, supplier-specific reference designs, application notes, and other technical design information.

About Mouser

Mouser Electronics, Inc. is an electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers. Mouser.com features more than one million products online from more than 366 manufacturers. Mouser’s 2,100+ page catalog is published every 90 days, providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 280,000 customers in 170 countries from its 432,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit www.mouser.com.

About Cypress

Cypress delivers high-performance, mixed-signal, programmable solutions that provide customers with rapid time-to-market and exceptional system value. Cypress offerings include the PSoC® mixed-signal array, USB controllers, general-purpose programmable clocks and memories. Cypress also offers wired and wireless connectivity solutions ranging from its WirelessUSB™ radio system-on-chip, to West Bridge™ and EZ-USB® FX2LP controllers that enhance connectivity and performance in multimedia handsets. Cypress serves numerous markets including consumer, computation, data communications, automotive, industrial, and solar power. Cypress trades on the NYSE under the ticker symbol CY. Visit Cypress online at www.cypress.com.

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