

For Immediate Release

EDITORIAL/READER CONTACT:

Kevin Hess

Vice President Technical Marketing
Mouser Electronics, Inc.
(817) 804-3833 Direct
(817) 804-3803 Fax
Kevin.hess@mouser.com

Mouser Delivers Second Generation FTDI USB Host Controller IC

Vinculum-II delivers increased capabilities and memory at a reduced cost

Mansfield, Texas, USA – October 19, 2010 – [Mouser Electronics, Inc.](#), known for its rapid introduction of the newest electronic components and technologies, today announced it is stocking the Vinculum-II Embedded Dual USB Host Controller IC from [FTDI](#), a specialist in easily converting legacy peripherals to USB.

Mouser's stock includes the FTDI Vinculum-II Embedded Dual USB Host Controller IC, the second generation of FTDI USB Host devices. The embedded CPU in the Vinculum-II is dramatically upgraded from the previous VNC1L device, greatly increasing the processing power. It features a powerful 16-bit MCU core with 256KB Flash and 16KB RAM memory. The Vinculum-II is a complete USB system solution that supports a range of flexible interfaces, including UART, SPI, FIFO, plus a PWM output block to control motors and other analog devices. The complete USB protocol data processing is handled entirely by hardware resources within the device, freeing up processing resources for user developed applications. This fully programmable USB Controller is supported with the new Vinculum Software Tool Suite, which provides a royalty-free C based integrated development environment to enable users to easily develop applications for the VNC2. To learn more, visit <http://www.mouser.com/ftdivinculum2>.

In support of the new Dual USB Host Controller IC, Mouser is stocking the full range of Vinculum-II (VNC2) development modules and tools. The FTDI V2-EVAL is a complete evaluation and prototyping platform for the VNC2. This two board system features a main board with USB connectors and headers to access VNC2 interfaces plus separate daughterboards for connecting 32, 48, and 64-pin variations of the VNC2. The FTDI V2DIP1 and V2DIP2 are VNC2-based development modules with a single USB connector (V2DIP1) or two USB connectors (V2DIP2).

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These modules are targeted for prototyping with the VNC2 and for application integration to enable USB capability within a finished product design. The FTDI VNC2 Debug Module consists of a miniature board with a USB miniB connector, which provides USB connectivity to Vinculum-II IDE development tools running on a PC. The VNC2 Debug Module can be used to program and debug firmware running on the VNC2 device.

Mike Scott, Mouser Vice President of Active Products, remarks, "The new Vinculum-II USB IC from FTDI allows designers to create products that take advantage of the significant increase in performance and functionality. We work hard to find the newest products from our suppliers that can enable tomorrow's designs and are excited to offer this next generation USB controller to our engineering customers."

With its broad product line and unsurpassed customer service, Mouser offers customers the latest, most technologically advanced components for their newest design projects. Mouser Electronics' website is updated daily and searches over 6.7 million products to locate over 1.7 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

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 1.7 million products online from more than 400 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 270,000 customers in 170 countries from its 432,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit <http://www.mouser.com>.

About FTDI

FTDI specializes in converting legacy peripherals to Universal Serial Bus (USB). They offer the easiest route to USB migration by combining USB-Serial (USB-RS232) and USB-FIFO silicon solutions with their ready-to-go royalty free USB drivers. FTDI's "total" solutions offer reduced development and debug costs and a fast time to market.

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