*****ATTENTION EDITOR*****

FOR IMMEDIATE RELEASE

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SchmartBoard Releases New Board for T.I. MSP430F5172

Low Cost Development Board is Fully Populated For Just $35.00

San Ramon, CA – January 29, 2013 – SchmartBoard, a company that makes prototyping electronic circuits easier, has expanded its product offering with a new development board to support users of Texas Instruments microcontrollers. These boards use our "EZ" soldering technology to assure fast, easy and flawless soldering.

According to Texas Instruments online product information:
(http://www.ti.com/product/msp430f5172)

"The Texas Instruments MSP430 family of ultralow-power microcontrollers consists of several devices featuring different sets of peripherals targeted for various applications. The architecture, combined with five low-power modes, is optimized to achieve extended battery life in portable measurement applications. The device features a powerful 16-bit RISC CPU, 16-bit registers, and constant generators that contribute to maximum code efficiency. The digitally controlled oscillator (DCO) allows wake up from low-power modes to active mode in less than 5 µs.

The MSP430F51x2 series are microcontroller configurations with two 16-bit high-resolution timers, universal serial communication interfaces (USCI_A0 and USCI_B0), 32-bit hardware multiplier, a high performance 10-bit analog-to-digital (A/D) converter, on-chip comparator, three-channel DMA, 5-V tolerant I/Os, and up to 29 I/O pins. The MSP430F51x1 series are microcontroller configurations with two 16-bit high-resolution timers, universal serial communication interfaces (USCI_A0 and USCI_B0), 32-bit hardware multiplier, on-chip comparator, three-channel DMA, 5-V tolerant I/Os, and up to 29 I/O pins.

Typical applications for these devices include analog and digital sensor systems, LED lighting, digital power supply, motor control, remote controls, thermostats, digital timers, hand-held meters, etc."

The board was co-designed by Texas Instruments and the University of Colorado EE department to address educational needs. With students in mind, it has been aggressively priced at only $35.00, fully populated and ready to go. More information, including and a video, schematics, high resolution photos and other technical documents, can be found at:
http://www.schmartboard.com/index.asp?page=products_dev&id=641

About SchmartBoard (www.schmartboard.com)
SchmartBoard™ is committed to helping make the development of electronic circuits faster, easier, and less expensive than previously possible. SchmartBoard's patented "EZ" Technology makes hand soldering of surface mount components fast and flawless. Our products are utilized by engineers, students and hobbyists for simple to complex electronic circuit design work.