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For Immediate Release

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Mouser Electronics Stocking New CEL ZigBee® RF Transceiver
ZIC2410 combines ZigBee®-compliant RF Transceiver with 8051-based
8-bit microcontroller for IEEE 802.15.4 applications

Mansfield, Texas, USA – October 27, 2008 – [Mouser Electronics](http://www.mouser.com), Inc., known for its rapid introduction of the newest products, today announced it is stocking the [ZIC2410](#) RF Transceiver System-on-Chip (SoC) from [California Eastern Laboratories \(CEL\)](#), a proven provider of RF, optoelectronic and mixed signal semiconductor solutions.

“We are pleased to be stocking this new product for Mouser’s existing IEEE 802.15.4 solutions,” commented Mike Scott, Mouser’s Vice President of Active Products. “Quickly providing the newest products to the engineering community is what customers have come to expect from Mouser.”

The ZIC2410 Transceiver IC is a fully-integrated System-on-Chip (SoC) for ZigBee / IEEE 802.15.4 applications. It combines a powerful, ZigBee-compliant RF transceiver with an industry-workhorse, 8051-based 8-bit microcontroller. The ZIC2410 provides +8dBm output power and a best-in-class link budget of 106dB. It also offers -98dBm receiver sensitivity to ensure immunity to interference from other 2.4GHz transmissions. The MCU includes an onboard a-law/ μ -law voice CODEC with ADPCM support and an I2S/PCM interface with two 128-byte FIFOs.

To compliment the ZIC2410 IC, Mouser is stocking the ZIC2410-EDK-1 ZigBee Transceiver 2.4 GHz IC Eval Kit that features a wireless frequency of 2400MHz to 2483MHz, a data rate of 250Kbps, 24 I/Os, and four timers.

These low cost solutions help simplify radio designs, shrink their size, lower power consumption, and reduce overall system cost. The ZIC2410 transceiver is ideal for remote sensing, AMR/AMI, home and building automation, and security networks. With some of the lowest transmit, receive and standby power consumption figures available, it’s an excellent choice for applications in which battery life is critical.

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The Newest Products For The Newest Designs

The ZIC2410 transceiver IC is part of a broad family of CEL ZigBee products, including integrated radio modules and discrete power amplifiers, LNAs, and RFIC switches for ZigBee range extension.

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 a million products for easy online purchase, provides over 1.5 million cross-references, as well as more than 900,000 downloadable data sheets, supplier-specific reference designs, application notes, and other technical design information.

About Mouser

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About CEL

CEL (California Eastern Laboratories) is an exclusive sales, marketing, and development partners of NEC Electronics. CEL also manufactures its own line of transceiver solutions for ZigBee networks. CEL's products include ZigBee / IEEE 802.15.4 radio modules and system-on-chip (SoC) transceivers. Visit www.cel.com for more information.

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