by Luxoft Labs

MeshNetics™

Standards-Based Wireless Sensor Technology that Already Works

FOR IMMEDIATE RELEASE

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ZIGBEE MODULES DEMONSTRATED AT EMBEDDED WORLD EXHIBITION

Nuernberg, Germany – February 17, 2006 – At the Embedded World exhibition & conference, Texas Instruments demonstrated MeshNetics™ ZigBee module, based on two industry leading TI components: MSP430 microcontroller unit (MCU) and Chipcon CC2420 RF-Transceiver. It is exceptionally compact - only 3cm x 1.5cm (1.2" x 0.6"). The ZigBee module was developed by Luxoft Labs, a wireless sensing solution provider and a TI Third Party company.

ZigBee modules combine radio and microcontroller running networking stack software. These modules can be easily integrated into various devices rendering them wireless networking capability. This is a cost-efficient way for the device manufacturers to gain quick entry into rapidly growing ZigBee market, while avoiding complex programming and designing efforts. The modules generated a lot of interest at this world largest event for embedded products and solutions. "Visitors at the Embedded World on the TI booth were more than impressed by the high integration level and physical board size when we showed the tiny MeshNetics ZigBee modules to them," said Markus Pfeiffer, Business Development Manager of Texas Instruments.

"The ZigBee revolution has opened a window of limitless growth potential to hardware vendors. This low-data rate, low-cost standard for ad-hoc mesh wireless networks is already used in industrial monitoring, HVAC control, automatic meter reading, and more," said Vasiliy Suvorov, Managing Director & CTO of Luxoft Labs. "We partnered with the industry leader, Texas Instruments, to deliver a ZigBee module that provides superior power consumption which is crucial in wireless applications."

Besides the ultra low power consumption and compact size, the MeshNetics™ ZigBee module features DC-DC converter, voltage supervisor, unique silicon number, and chip antenna set on a metal surface. It also boasts high resistance to electromagnetic interference. Each module comes with the embedded eZeeNet stack software enabling ZigBee network capability. The modules are now available for distribution at competitive price, and Luxoft Labs already started accepting orders. Please visit www.meshnetics.com for more details.

ZigBee: Wireless Control That Simply Works

The ZigBee Alliance is an association of companies working together to enable reliable, cost-effective, low-power, wirelessly networked, monitoring and control products based on an open global standard. The ZigBee Alliance is a rapidly growing, non-profit industry consortium of leading semiconductor manufacturers, technology providers, OEMs, and end-users worldwide. Membership is open to all. Additional information can be found at www.zigbee.org.

About Texas Instruments

Texas Instruments Incorporated provides innovative DSP and analog technologies to meet our customers' real world signal processing requirements. In addition to Semiconductor, the company's businesses include Sensors & Controls, and Educational & Productivity Solutions. TI is headquartered in Dallas, Texas and has manufacturing, design or sales operations in more than 25 countries. Texas Instruments is traded on the New York Stock Exchange under the symbol TXN. More information is located on the World Wide Web at www.ti.com.

About Luxoft Labs

Founded in 2001, Luxoft Labs enables complete M2M solutions by providing wireless ad-hoc mesh-network software, integration applications, hardware design and customization services. As a technology provider, Luxoft Labs helps its partners and customers to accelerate time-to-market by creating and jointly deploying M2M solutions for industrial automation, building automation and utility monitoring and control. Luxoft Labs is a member of the ZigBee Alliance and OPC Foundation. MeshNetics™ is a registered trademark of Luxoft Labs. For more information, please visit www.meshnetics.com