

FOR IMMEDIATE RELEASE

Omnidirectional Tilt & Vibration Sensor Measures 1.95 x 3.6 mm; 50 nA active current enables 20 year battery life.

November 5, 2010 – Fitting on a 2-pad SMT landing, the SQ-MIN-200, micromechanical tilt and vibration sensor can operate 20 years on a single coin cell. The device features omnidirectional sensitivity, nano-power design and is suited for size-constrained devices such as RFID tags, GPS trackers, Bluetooth ear pieces, wrist watches, and hearing aids.



FULL PRESS RELEASE

SignalQuest Introduces Omnidirectional Tilt and Vibration Sensor with Ultra Low Profile (1.95 mm dia x 3.6 mm long) and Nano-power Operation (50 nA full active).

Lebanon, NH (November 5, 2010) - SignalQuest Inc. today introduced the SQ-MIN-200 Omnidirectional Tilt and Vibration Sensor, the second product in a new line of extremely low profile, nano-power, micromechanical sensors.

With industry leading form factor, industrial temperature rating and intrinsic nano-power design, the SQ-MIN series offers motion detection to a range of size-constrained devices such as RFID tags, GPS trackers, pet monitors, Bluetooth ear pieces, wrist watches, and hearing aids. Measuring at just 1.95 mm in diameter by 3.6 mm in length, the SQ-MIN package will fit on a standard 2- pad SMT landing. Following the success of the SQ-SEN series tilt and vibration sensors, the SQ-MIN will make ultra long battery life and movement based functionality accessible for extremely small device applications. With a current demand below the self discharge of a CR2032 coin cell, the SQ-MIN allows products needing active motion detection to last 20 years on a single battery.

The SQ-SEN tilt and vibration sensor series was the first to bring US manufacturing standards at globally competitive prices to high volume mechanical sensor markets. The SQ-SEN-200 omnidirectional movement sensor has emerged as the recognized choice in RFID, GPS, and microprocessor "wake up" applications.

ABOUT SIGNALQUEST

Guided by a culture of integrity, passion, and persistence, SignalQuest is a world leader in precision microsensor design and manufacturing. Core products include electronic sensors that measure tilt angle, acceleration, shock, vibration, and movement as well as application specific inertial measurement devices. The company supports designers with application expertise and custom integration to reduce time to market. SignalQuest's products carry worldwide patents and are manufactured in the USA with state of the art, fully automated production lines, which provide unmatched levels of quality and consistency.