(ARCHIVED) LFSTBEB8450: Sensor Toolbox for MMA8450 Accelerometer

Overview

The LFSTBEB8450 provides is an evaluation board for the MMA8450Q 3-axis high-performance, high-functionality low-g accelerometer. The LFSTBEB8450 includes an 8-bit MC9S08QE8CWL MCU for data acquisition and an EEPROM for data storage. For customers already familiar with the Sensor Toolbox Platform, the LFSTBEB8450 is designed to work with the LFSTBBAT9 for power or LFSTBUSB for communication to a PC.

The development kit RD3924MMA8450Q comes with both the LFSTBEB8450 and the LFSTBUSB boards together for evaluating all of the embedded MMA8450 functionality. The GUI software is available for download to use with the RD3924MMA8450Q (or separately purchased LFSTBEB8450 and LFSTBUSB). The GUI software provides real-time data and demonstration of the latest embedded accelerometer features such as the high pass filter, 32 data point FIFO buffer, enhanced orientation (portrait/landscape) detection, shock detection, tap detection and transient detection.

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Data Sheet | Application Notes | Feedback

proton board new pic



Features

- Easily evaluate and demonstrate sensor functionality
- Unified architecture with the same GUI software
- Plug and play
- Flexible with a variety of boards that fit together
- Can quickly demonstrate all sensor types

Related Products

Complementary Software & Tools

Sensor Toolbox Accelerometer Prototyping Board (LFSTBPROTO)

Sensor Toolbox Starter Kit (KITSTARTER2EVM)

Sensor Toolbox Accelerometer USB Interface board (LFSTBUSB)

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