

Accelerometer Evaluation Kit

RKX-EVK-001 Manual

RKX-EVK-001 is an expansion board, which is able to connect between PC and Kionix Accelerometer board. This User's Guide is about how to use RKX-EVK-001.

Board Information

- Board to connect the PC and Kionix Accelerometer Board(Figure 1, 2)
- Flexible VDD select for Sensor (1.7V/1.8V/2.5V/2.8V/3.0V/3.3V/3.6V)
- Supported sensor boards: Kionix Accelerometer Board, ROHM 5-pin Sensor Boards(need to populate pin-socket)
- Supported development platforms: CY8CKIT-059, Arduino Uno

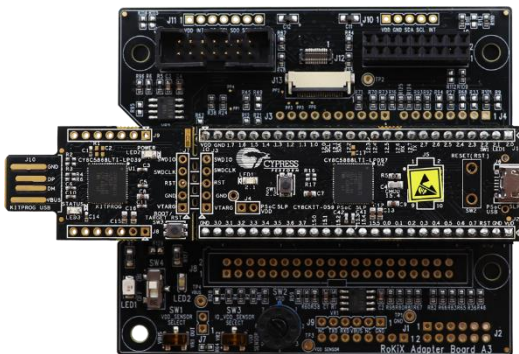


Figure 1. RKX-EVK-001 (Top)

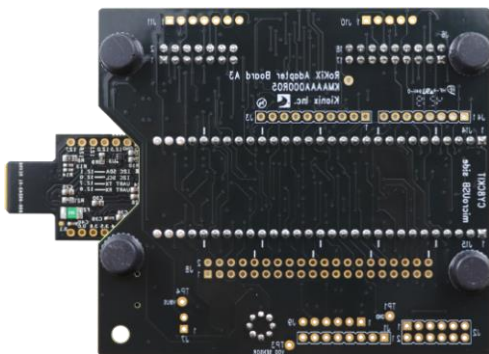


Figure 2. RKX-EVK-001 (Bottom)

Preparation

- RKX-EVK-001 1pc
- Kionix Accelerometer Board 1pc

Software Setting and Measurement

1. Download a application of Kionix Sensor Board from the following page
<https://www.rohm.com/support/accelerometer-evk-support>
2. In regarding to measurement procedure, refer to the manual of Kionix Sensor Board

Board Information

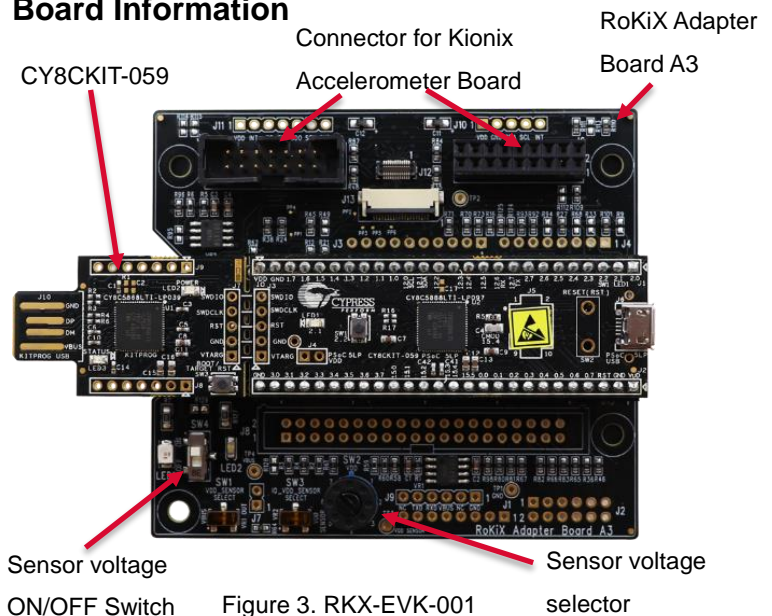


Figure 3. RKX-EVK-001

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