

FRDM-FXS-MULT2-B: Freedom Development Platform for NXP® Sensors with Bluetooth®.


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Overview

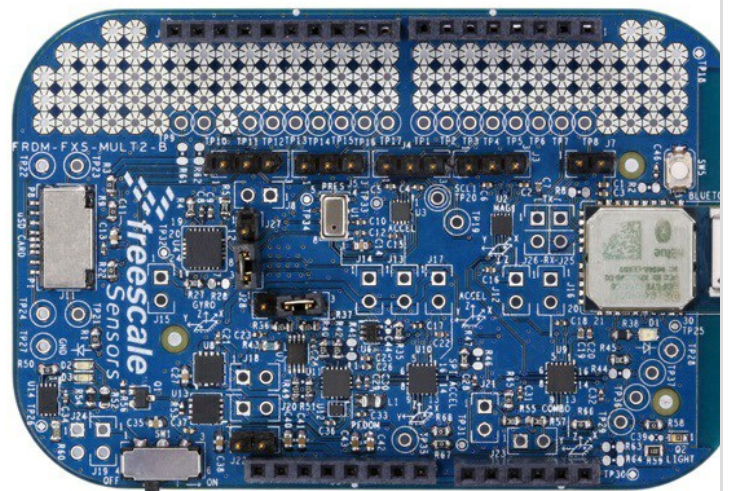
The FRDM-FXS-MULT2-B is a sensor expansion board enabling NXP® [Sensor Fusion](#) using the [MMA8652FC](#) 3-axis accelerometer, [FXLS8471Q](#) 3-axis accelerometer, [MAG3110](#) 3-axis magnetometer, [FXAS21002C](#) 3-axis gyroscope, [MPL3115A2](#) pressure sensor, [FXOS8700CQ](#) 3-axis accelerometer plus a 3 axis magnetometer and the [MMA9553L](#) sensing platform. The FRDM-FXS-MULT2-B offers 12-axis sensing, wireless communication via Bluetooth and the compatible Android™ app, the [NXP Sensor Fusion Toolbox](#). The board is also supported by the [IoT Sensing Software Development Kit \(ISSDK\)](#).

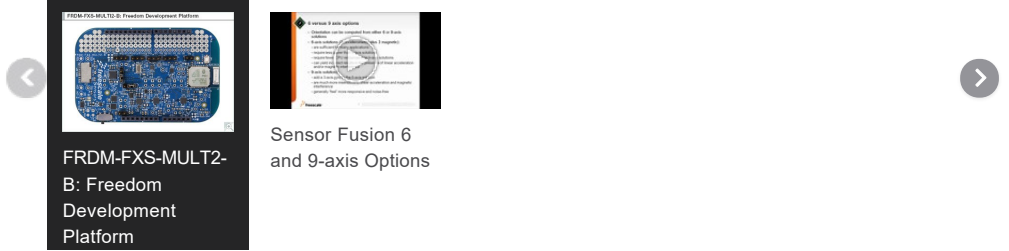
Features

- Arduino™ footprint-compatible with support for sensor expansion boards
- Small size at approximately 81 x 52 x 2 mm
- Easy access to the MCU I/O pins
- BlueRadio® Bluetooth, part number BR-LE4.0-D2A

[Data Sheets](#)
[User Guide](#)
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FRDM-FXS-MULT2-B: Freedom Development Platform





Kit Contains

- FRDM-FXS-MULT2-B hardware
- Quick reference card
- Jumper and connector packet

Supported Devices

- [FXLS8471Q](#): $\pm 2g/\pm 4g/\pm 8g$, Low g, 14-Bit Digital Accelerometer
- [MMA8652FC](#): $\pm 2g/\pm 4g/\pm 8g$, Low g, 12-Bit Digital Accelerometer
- [FXOS8700CQ](#): Digital Motion Sensor - 3D Accelerometer ($\pm 2g/\pm 4g/\pm 8g$) + 3D Magnetometer
- [MAG3110](#): High Accuracy, 3D Magnetometer
- [MPL3115A2](#): 20 to 110kPa, Absolute Digital Pressure Sensor
- [FXAS21002C](#): 3-Axis Digital Gyroscope
- [MMA9553L](#): Intelligent Pedometer Sensor

Similar Products

[XTRSICSNSTLBOXX](#) :
NXP® Sensor Fusion

Related Products

Complementary Software & Tools

- [Sensor Toolbox – CE](#)
- [Sensor Evaluation Boards](#)
- [IoT Sensing SDK \(ISSDK\)](#)

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