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visit [freescale.com/
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FRDMK25A8491 QRC REV 1
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Quick Reference Card

3-Axis Sensor Toolbox Demonstration Kit

FRDMSTBC-A8491 3-axis Sensor Toolbox board and
Freescale Freedom FRDM-KL25Z development board



Get Started

Download tools and
documentation under
Jump Start Your Design
at [freescale.com/
sensortoolbox](http://freescale.com/sensortoolbox)



FREESCALE FREEDOM PLATFORM

- 1 Verify package contents:
 - FRDM-KL25Z/FRDMSTBC-A8491 assembly
 - USB cable
- 2 Download and install the P&E OpenSDA USB drivers: pemicro.com/opensda
- 3 Plug one end of a USB cable into the SDA port on the assembly. Plug the other end of the cable into the USB port on the computer.
- 4 Download and install the latest Sensor Toolbox software at: freescale.com/sensortoolbox
- 5 Start the Sensor Toolbox software.

MMA8491Q 3-axis multifunction digital accelerometer
12 QFN (3 mm x 3 mm x 1.05 mm)

XOUT - 3
YOUT - 6
ZOUT - 1

I2C_SDA0 - 9
I2C_SCL0 - 10

6 - I2C_SCL1
5 - I2C_SDA1

2 - EN

7 - GND
6 - GND

4 - VDD

2 - VDD

Through hole pins (8 places)

Test points (8 places)

Get to Know the FRDMKL25-A8491



Learn more at freescale.com/sensortoolbox