FRDM STBC- A8471

FRDMSTBC-A8471

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FRDM STBC- A8471
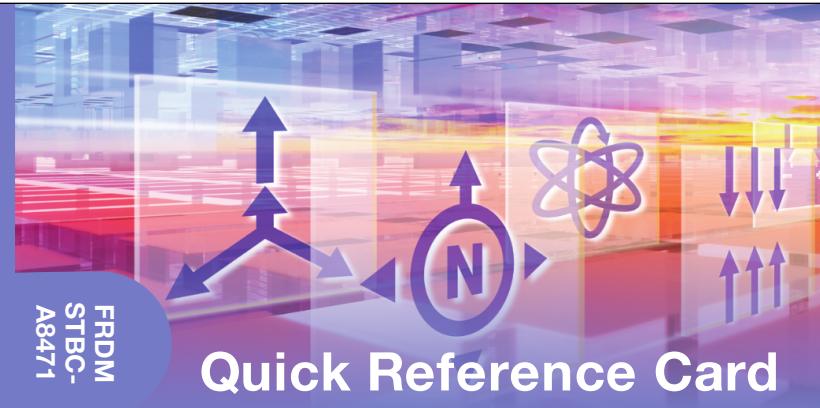
Quick Reference Card

3-Axis Sensor Toolbox Development Board
FXLS8471Q 3-axis linear accelerometer

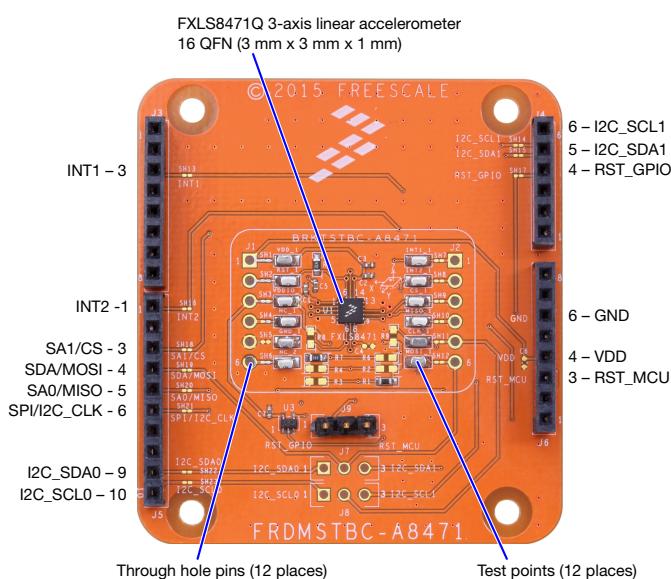*freescale*™

Get Started
Download tools and documentation under **Jump-Start Your Design at freescale.com/ sensortoolbox**

FREESCALE FREEDOM PLATFORM

1 Verify package contents:
• FRDMSTBC-A8471 development board

2 Connect the FRDMSTBC-A8471 development board to a Freescale Freedom development board, such as the FRDM-KL25Z (or any Arduino R3 compatible board). Refer to the Freescale Freedom development board Quick Start Guide for driver information.

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.

FXLS8471Q 3-axis linear accelerometer
16 QFN (3 mm x 3 mm x 1 mm)

INT1 – 3

INT2 -1

SA1/CS - 3
SDA/MOSI - 4
SA0/MISO - 5
SPI/I2C_CLK - 6

I2C_SDA0 – 9
I2C_SCL0 – 10

6 – I2C_SCL1
5 – I2C_SDA1
4 – RST_GPIO

6 – GND

4 – VDD
3 – RST_MCU

Through hole pins (12 places)

Test points (12 places)

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