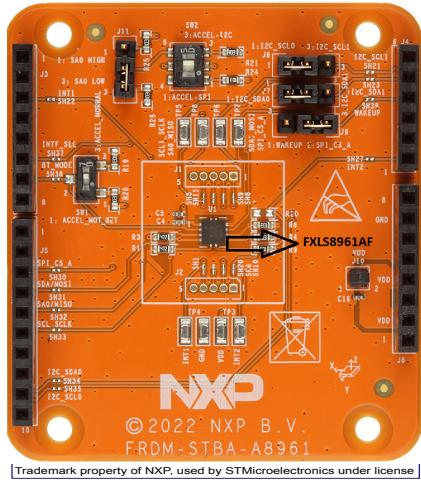


## FRDM-STBA-A8961 sensor toolbox development board



### Features

- Sensor shield/expansion board for the FXLS8961AF - 3-axis accelerometer for automotive security and convenience applications requiring excellent offset/sensitivity stability over temperature.
- Compatible with Arduino® and most NXP Freedom development boards. This sensor shield board can be kitted with LPC55S16-EVK or FRDM-K22F MCU boards.
- Enables quick sensor evaluation and helps accelerate quick prototyping and development.
- Allows evaluation of current consumption and pin-voltage characteristics.
- Supports I<sup>2</sup>C and SPI communication interface with the host MCU.
- Supports hardware configurability to switch accelerometer mode (normal vs motion detect) and I<sup>2</sup>C/SPI Interface mode.
- Supports multiple test points on the board.

### Description

The **FRDM-STBA-A8961** sensor evaluation board is offered as a sensor shield/expansion board only and can be kitted with the LPC55S16-EVK or the FRDM-K22F MCU board.

## Revision history

**Table 1. Document revision history**

Date	Revision	Changes
20-Jan-2026	1	Initial release.

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