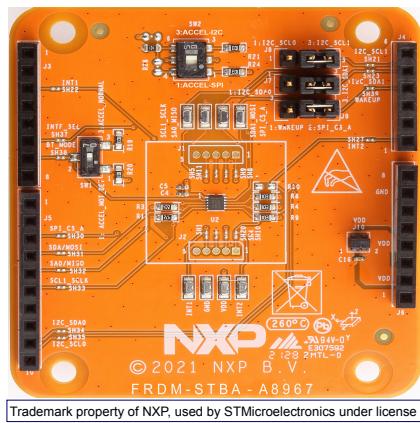


FRDM-STBA-A8967 sensor toolbox development board



Features

- Sensor evaluation board for FXLS8967AF 3-axis accelerometer designed for use in a wide range of automotive security and convenience applications, also offered as custom sensor kit with FRDM-K22F.
- Enables quick sensor evaluation and helps accelerate quick prototyping and development using NXP sensors
- Compatible with Arduino® and most NXP Freedom development boards
- Supports I²C and SPI communication interface with host MCU
- Supports hardware configurability to switch between accelerometer mode (normal vs. motion detect) and I²C/SPI interface mode
- Multiple test points

Description

The **FRDM-STBA-A8967** is a sensor add-on/companion shield board for FXLS8967AF 3-axis low-power motion wake accelerometer.

FRDM-STBA-A8967 sensor shield board can be kitted with a FRDM MCU (FRDM-K22F) board to enable quick customer evaluation of FXLS8967AF using sensor toolbox enablement SW and tools.

Revision history

Table 1. Document revision history

| Date | Revision | Changes |
|-------------|----------|------------------|
| 22-Jan-2026 | 1 | Initial release. |

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