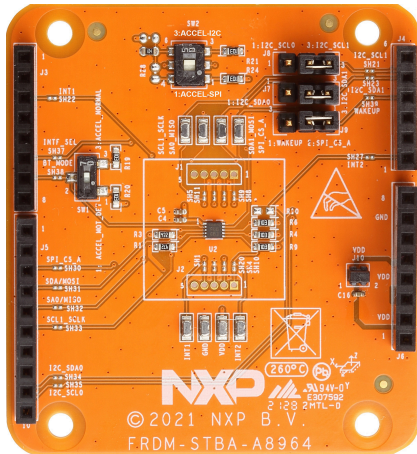


## FRDM-STBA-A8964 sensor toolbox development board



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### Features

- Sensor evaluation board for FXLS8964AF, 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 I<sup>2</sup>C and SPI communication interface with host MCU
- Supports hardware configurability to switch between accelerometer mode (normal vs. motion detect) and I<sup>2</sup>C/SPI interface mode
- Multiple test points

### Description

The [FRDM-STBA-A8964](#) is a sensor add-on/companion shield board for FXLS8964AF 3-axis low-power motion wake accelerometer.

[FRDM-STBA-A8964](#) sensor shield board can be kitted with a FRDM MCU (FRDM-K22F) board to enable quick customer evaluation of FXLS8964AF using sensor toolbox enablement SW and tools.

## Revision history

**Table 1. Document revision history**

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

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