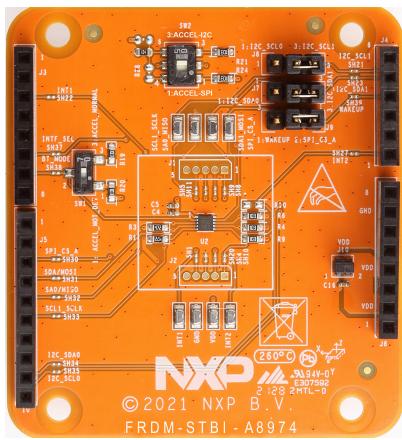


## FRDM-STBI-A8974 sensor toolbox development board



### Features

- Sensor evaluation board for FXLS8974CF 3-axis ultra-low-power motion wake-up accelerometer for industrial and medical IOT applications, offered as a 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 on the board

### Description

The [FRDM-STBI-A8974](#) is a sensor add-on/companion shield board for FXLS8974CF 3-axis low-power motion wake-up accelerometer.

[FRDM-STBI-A8974](#) sensor shield board is kitted with an FRDM MCU (FRDM-K22F) board to enable quick customer evaluation of FXLS8974CF using sensor toolbox enablement software and tools.

## Revision history

**Table 1. Document revision history**

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

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