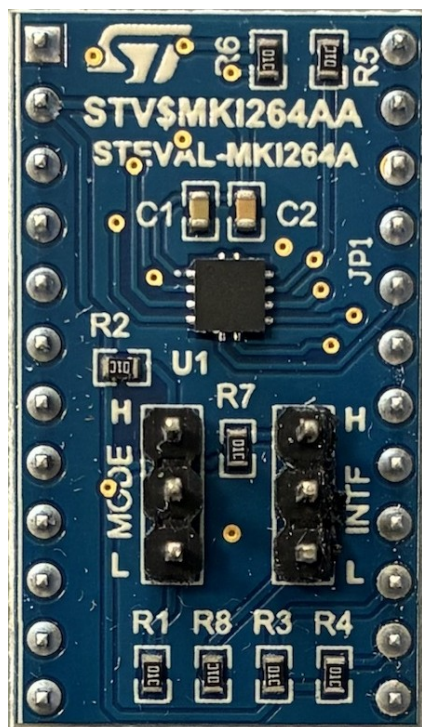


FXLS8971CF adapter board for a standard DIL24 socket



Features

- Complete FXLS8971CF pinout for a standard DIL 24 socket
- Fully compatible with STEVAL-MKI109D evaluation board
- RoHS compliant

Description

The **STEVAL-MKI264A** is an adapter board designed to facilitate the evaluation of MEMS devices in the **FXLS8971CF** product family.

The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The **STEVAL-MKI264A** can be plugged into a standard DIL 24 socket. The adapter provides the complete **FXLS8971CF** pinout and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

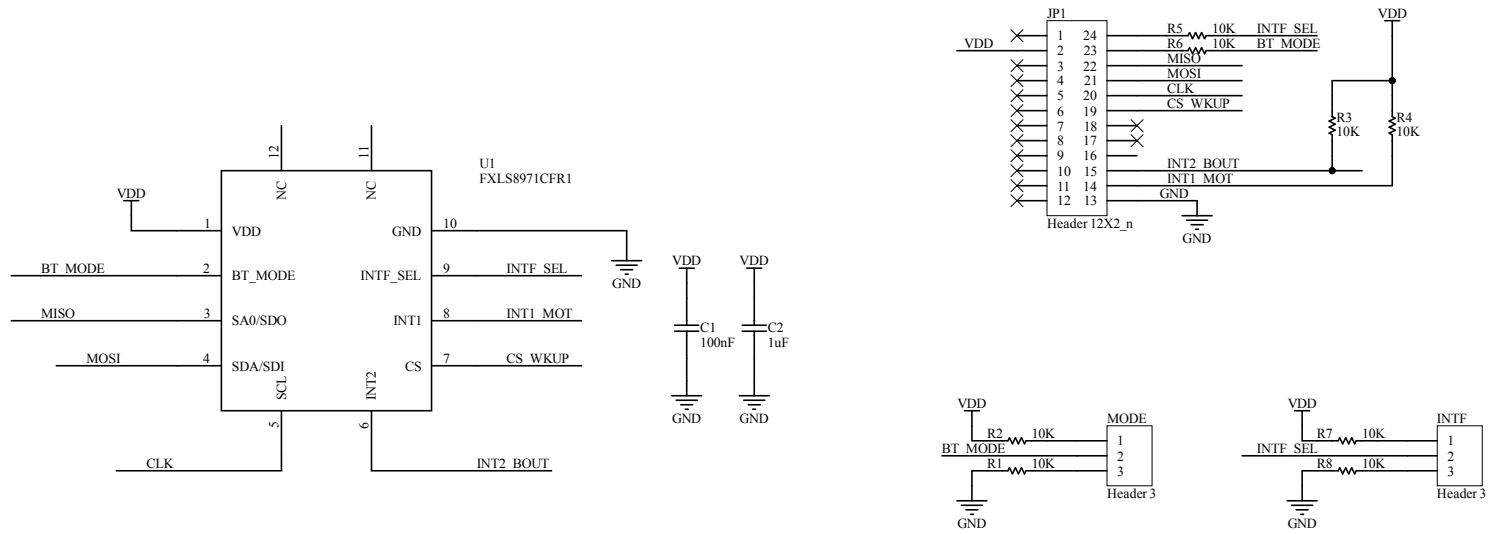
This adapter is supported by **STEVAL-MKI109D** evaluation board, which includes a high-performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (MEMS Studio), or dedicated software routines for customized applications.

Product summary

FXLS8971CF adapter board for a standard DIL24 socket	STEVAL-MKI264A
3-axis low-g accelerometer: ultra-low power 3-axis accelerometer for industrial, medical applications requiring high performance over temperature	FXLS8971CFR1
Professional MEMS tool: evaluation board for all ST MEMS sensors	STEVAL-MKI109D
Application	Powered patient beds

Schematic diagrams

Figure 1. STEVAL-MKI264A schematic



2 Board versions

Table 1. STEVAL-MKI264A versions

PCB version	Schematic diagrams	Bill of materials
STV\$MKI264AA ⁽¹⁾	STV\$MKI264AA schematic diagrams	STV\$MKI264AA bill of materials

1. This code identifies the STEVAL-MKI264A evaluation board first version. It is printed on the board PCB.

Revision history

Table 2. Document revision history

Date	Revision	Changes
11-Sep-2026	1	Initial release.

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