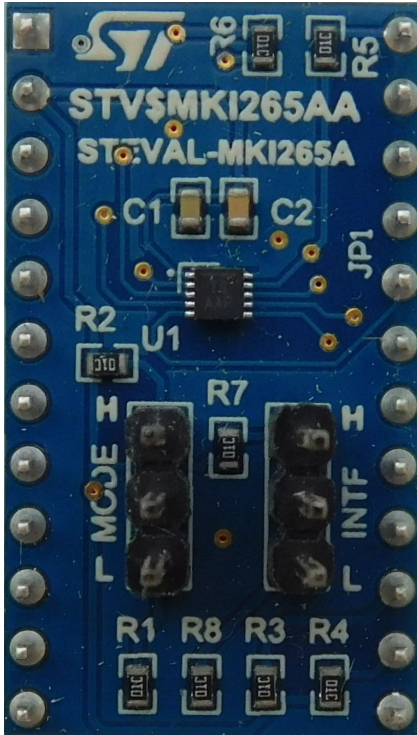


## FXLS8974CF adapter board for a standard DIL24 socket



### Features

- Complete FXLS8974CF pinout for a standard DIL 24 socket
- Fully compatible with STEVAL-MKI109D evaluation board
- RoHS compliant

### Description

The **STEVAL-MKI265A** is an adapter board designed to facilitate the evaluation of MEMS devices in the **FXLS8974CF** product family.

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

The **STEVAL-MKI265A** can be plugged into a standard DIL 24 socket. The adapter provides the complete **FXLS8974CF** pinout and comes ready-to-use with the required decoupling capacitors on the VDD power supply line.

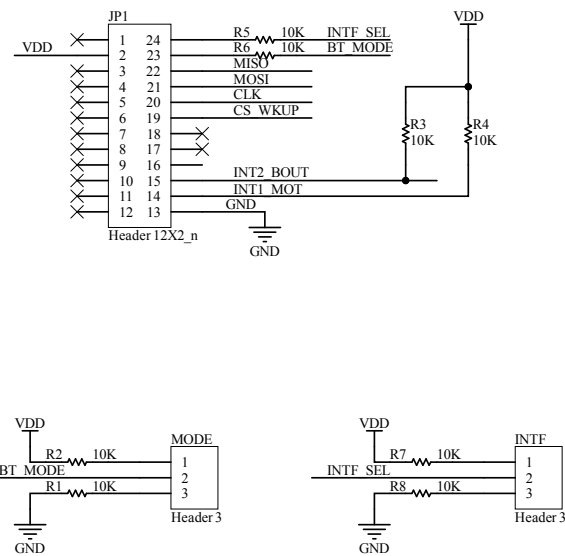
This adapter is supported by **STEVAL-MKI109D** evaluation board, which includes a high-performance 32-bit microcontroller functioning as a bridge between the sensor and a PC, on which it is possible to use the downloadable graphical user interface (MEMS Studio), or dedicated software routines for customized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

### Product summary

|                                                                                                                        |                                             |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| FXLS8974CF adapter board for a standard DIL24 socket                                                                   | <a href="#">STEVAL-MKI265A</a>              |
| 3-axis low-g accelerometer:<br>ultra-low power 3-axis motion-wakeup accelerometer for industrial, medical applications | <a href="#">FXLS8974CFR3</a>                |
| Professional MEMS tool: evaluation board for all ST MEMS sensors                                                       | <a href="#">STEVAL-MKI109D</a>              |
| Application                                                                                                            | Indoor localization and warehouse logistics |

## 1

**Figure 1. STEVAL-MKI265A schematic**



## 2 Board versions

**Table 1. STEVAL-MKI265A versions**

| PCB version                  | Schematic diagrams                               | Bill of materials                               |
|------------------------------|--------------------------------------------------|-------------------------------------------------|
| STV\$MKI265AA <sup>(1)</sup> | <a href="#">STV\$MKI265AA schematic diagrams</a> | <a href="#">STV\$MKI265AA bill of materials</a> |

1. This code identifies the STEVAL-MKI265A evaluation board first version. It is printed on the board PCB.

## Revision history

**Table 2. Document revision history**

| Date        | Revision | Changes          |
|-------------|----------|------------------|
| 10-Sep-2026 | 1        | Initial release. |

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