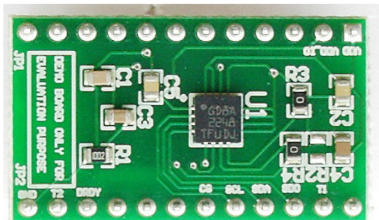


A3G4250D adapter board for a standard DIL24 socket



Features

- Complete A3G4250D pinout for a standard DIL24 socket
- Fully compatible with the [STEVAL-MKI109D](#) evaluation platform
- RoHS compliant

Description

The [STEVAL-MKI125V1](#) is an adapter board designed to facilitate the evaluation of the [A3G4250D](#) 3-axis gyroscope in the MEMS product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's application.

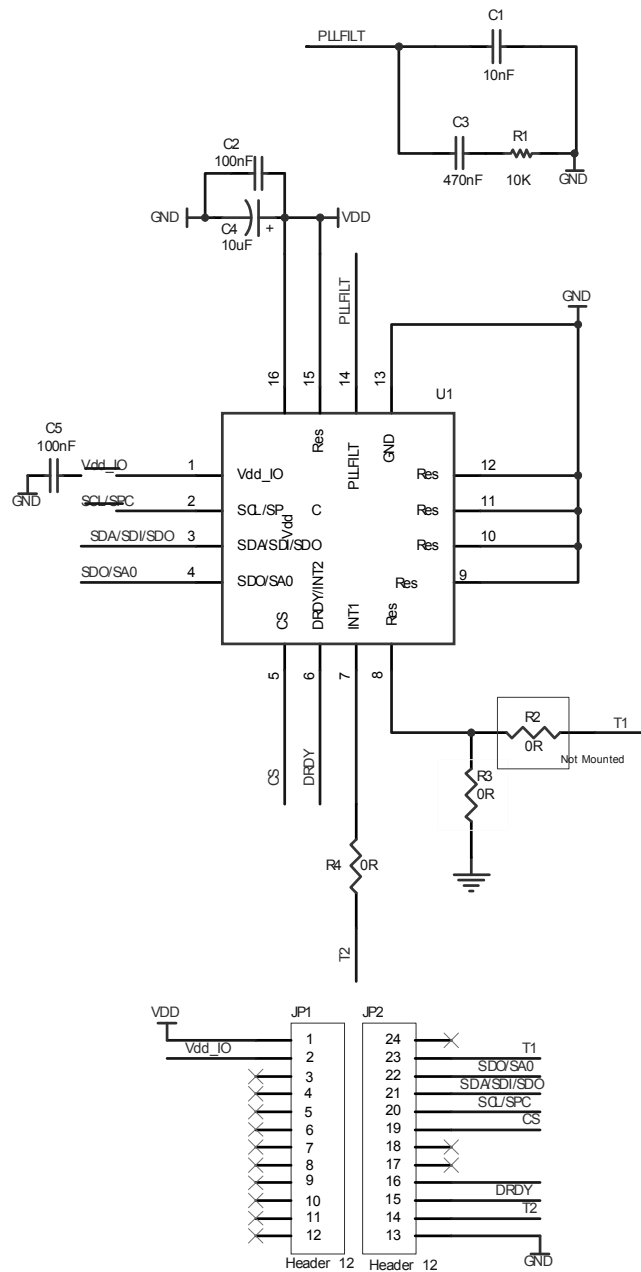
The [STEVAL-MKI125V1](#) can be plugged into a standard DIL24 socket. The adapter provides the complete A3G4250 pinout and comes ready to use with the required decoupling capacitors on the VDD power supply line.

This adapter is supported by the [STEVAL-MKI109D](#) evaluation platform, 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 [MEMS Studio](#) graphical user interface or dedicated software routines for customized applications.

Product summary	
A3G4250D adapter board for a standard DIL24 socket	STEVAL-MKI125V1
MEMS motion sensor: 3-axis digital output gyroscope	A3G4250D
Professional MEMS tool: evaluation board for all ST MEMS sensors	STEVAL-MKI109D

1 Schematic diagrams

Figure 1. STEVAL-MKI125V1 circuit schematic



Revision history

Table 1. Document revision history

Date	Revision	Changes
10-May-2013	1	Initial release
15-Nov-2013	2	Updated features and description to include information on the STEVAL-MKI109V2 motherboard and related software
24-Oct-2025	3	Added the STEVAL-MKI109D evaluation platform and MEMS Studio software solution

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