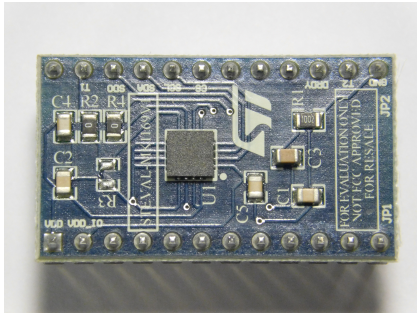


I3G4250D adapter board for a standard DIL24 socket



Features

- Complete I3G4250D pinout for a standard DIL24 socket
- Fully compatible with the STEVAL-MKI109D evaluation platform
- RoHS compliant

Description

The STEVAL-MKI169V1 is an adapter board designed to facilitate the evaluation of the I3G4250D 3-axis gyroscope for industrial applications in the MEMS product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's application.

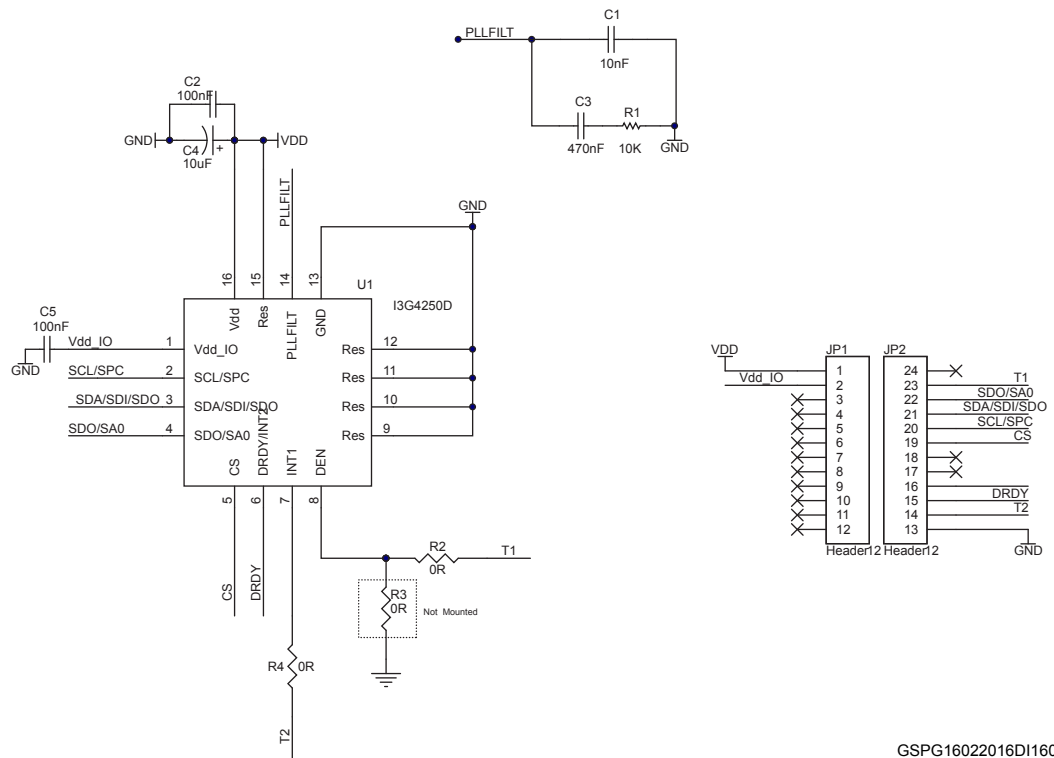
The STEVAL-MKI169V1 can be plugged into a standard DIL24 socket. The adapter provides the complete I3G4250D pinout and comes ready to use with the required decoupling capacitors on the V_{DD} power supply line.

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	
I3G4250D adapter board for a standard DIL24 socket	STEVAL-MKI169V1
3-axis gyroscope for industrial applications, digital output, extended operating temperature range	I3G4250D
Professional MEMS tool: evaluation board for all ST MEMS sensors	STEVAL-MKI109D

1 Schematic diagram

Figure 1. STEVAL-MKI169V1 schematic circuit



GSPG16022016DI1600

Revision history

Table 1. Document revision history

Date	Version	Changes
16-Feb-2016	1	Initial release
13-Oct-2025	2	Added the STEVAL-MKI109D evaluation platform and MEMS Studio software solution

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