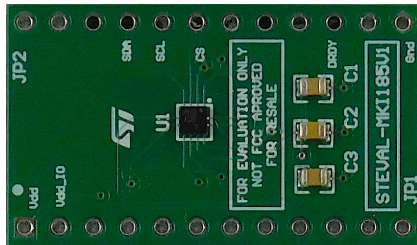


IIS2MDC adapter board for a standard DIL24 socket



Features

- Complete **IIS2MDC** pinout for a standard DIL24 socket
- Fully compatible with the **STEVAL-MKI109D** evaluation platform
- RoHS compliant

Description

The **STEVAL-MKI185V1** adapter board is designed to facilitate the evaluation of the **IIS2MDC** magnetometer in the MEMS product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's application.

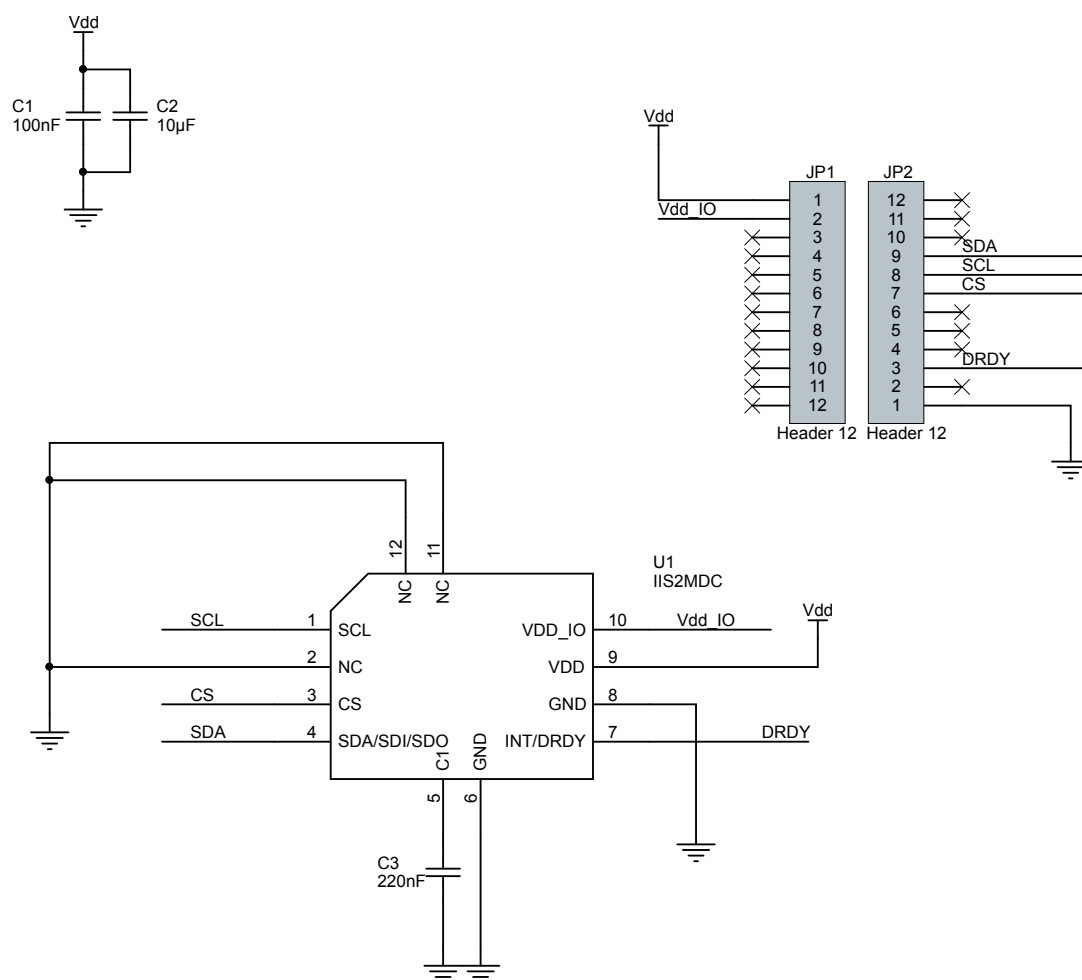
The **STEVAL-MKI185V1** can be plugged into a standard DIL24 socket. The adapter provides the complete **IIS2MDC** pinout and comes ready to use with the required decoupling capacitors on the V_{DD} power supply line.

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	
IIS2MDC adapter board for a standard DIL24 socket	STEVAL-MKI185V1
High-accuracy, ultralow-power, 3-axis digital output magnetometer	IIS2MDC
Professional MEMS tool: evaluation board for all ST MEMS sensors	STEVAL-MKI109D
Applications	Antitampering in smart meters

1 Schematic diagrams

Figure 1. STEVAL-MKI185V1 circuit schematic



Revision history

Table 1. Document revision history

Date	Version	Changes
11-Jan-2018	1	Initial release
06-Oct-2025	2	Added the STEVAL-MKI109D evaluation platform and MEMS Studio software solution

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