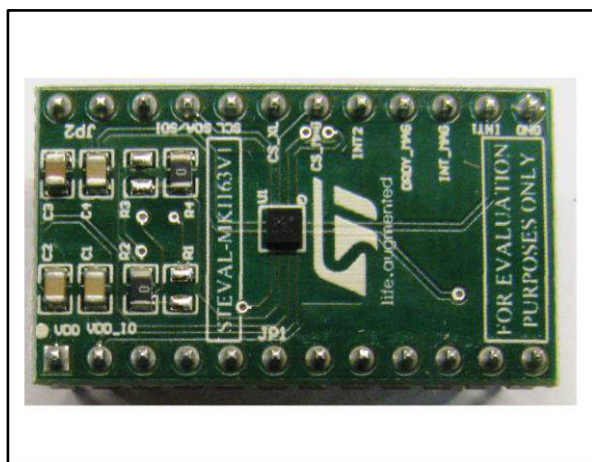


LSM303C adapter board for a standard DIL24 socket

Data brief



Features

- Complete LSM303C pinout for a standard DIL24 socket
- Fully compatible with STEVAL-MKI109V2 and STEVAL-MKI109V3 motherboards
- RoHS compliant

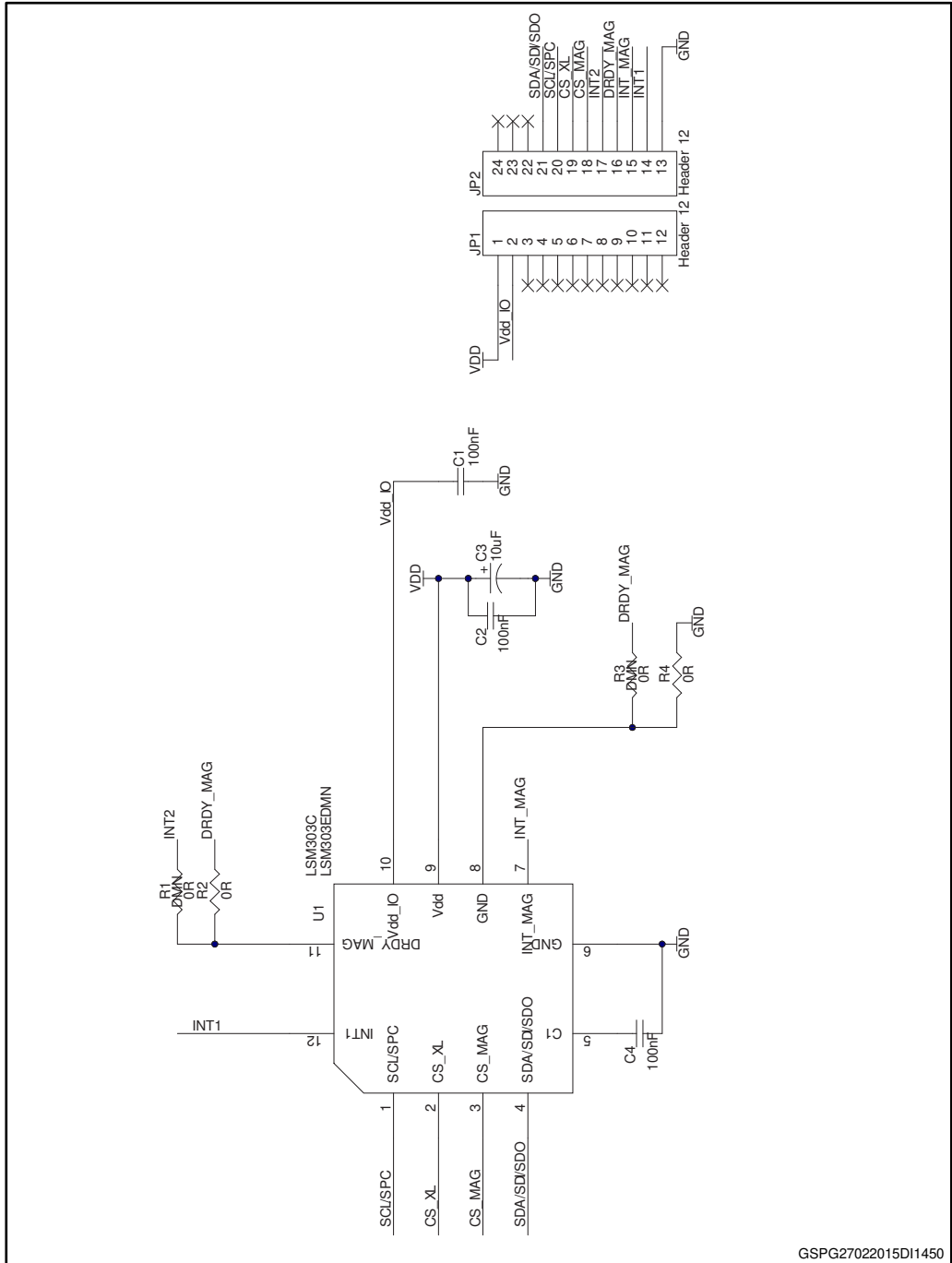
Description

The STEVAL-MKI163V1 is an adapter board designed to facilitate the evaluation of MEMS inertial devices in the LSM303C product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application. The STEVAL-MKI163V1 can be plugged into a standard DIL24 socket. The adapter provides the complete LSM303C 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-MKI109V2 and STEVAL-MKI109V3 motherboards which include 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 (Unico GUI), or dedicated software routines for customized applications.

Schematic diagram

Figure 1: STEVAL-MKI163V1 circuit schematic



Revision history

Table 1: Document revision history

Date	Rev	Changes
06-Mar-2015	1	First release
06-Sep-2016	2	Updated features and description adding STEVAL-MKI109V3 motherboard compatibility

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