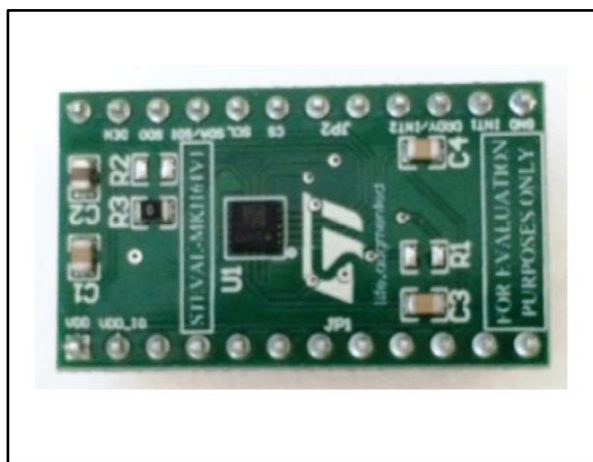


## LSM6DS0 adapter board for a standard DIL24 socket

Data brief



### Features

- Complete LSM6DS0 pinout for a standard DIL24 socket
- Fully compatible with STEVAL-MKI109V2 and STEVAL-MKI109V3 motherboards
- RoHS compliant

### Description

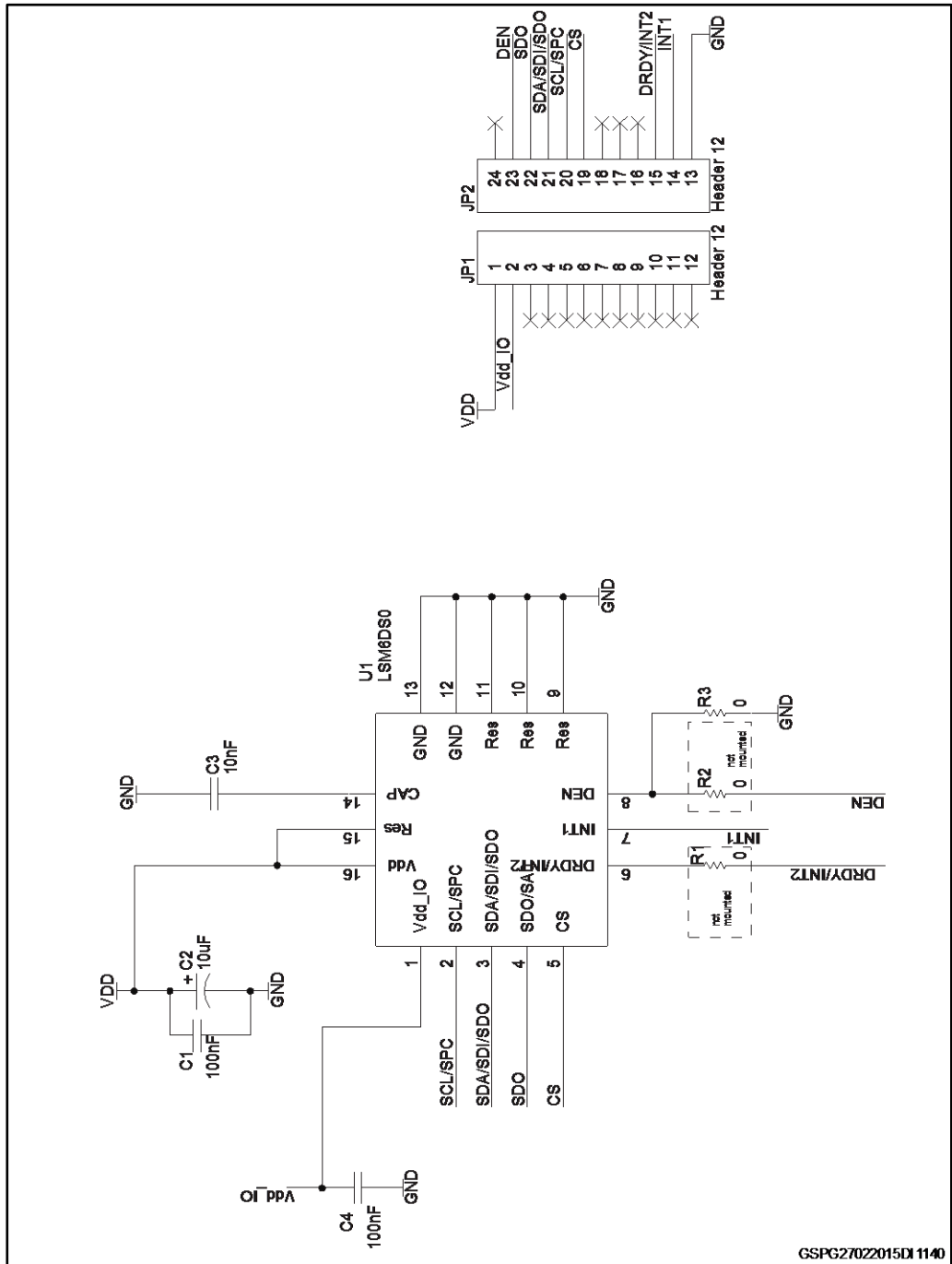
The STEVAL-MKI161V1 is an adapter evaluation board designed to facilitate the evaluation of MEMS inertial devices in the LSM6DS0 product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI161V1 can be plugged into a standard DIL24 socket. The adapter provides the complete LSM6DS0 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.

# 1 Schematic diagram

Figure 1: STEVAL-MKI161V1 circuit schematic



## 2 Revision history

Table 1: Document revision history

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

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