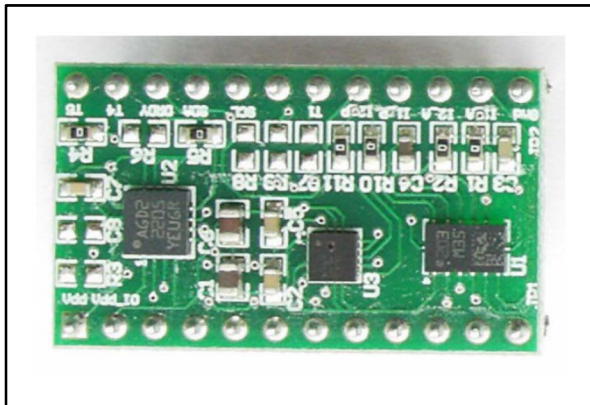


## L3GD20, LSM303DLHC and LPS331AP 10-axis module for a standard DIL24 socket

Data brief



### Features

- Complete L3GD20, LSM303DLHC and LPS331AP pinout for a standard DIL 24 socket
- Fully compatible with the STEVAL-MKI109V2 motherboard
- RoHS compliant

### Description

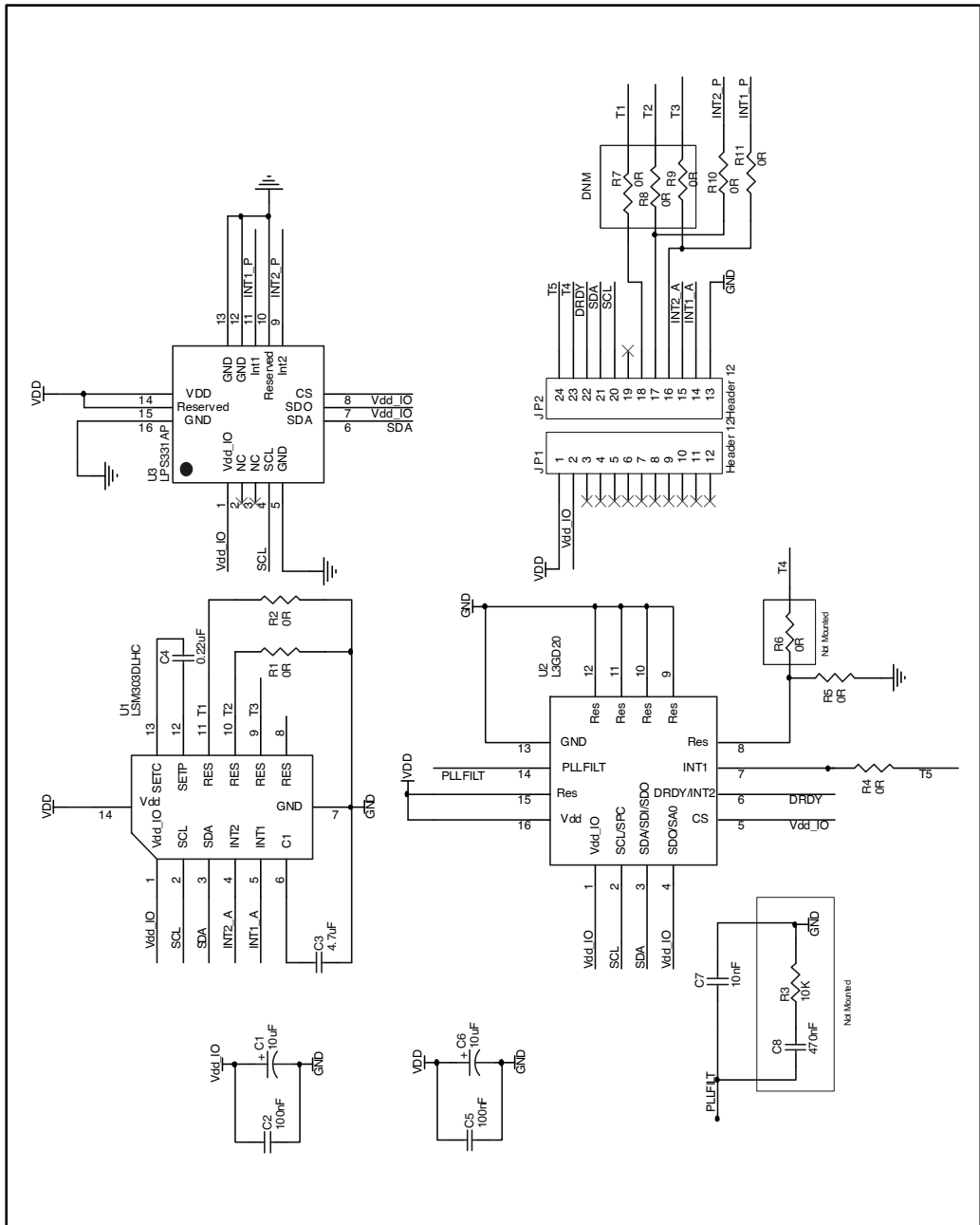
The STEVAL-MKI124V1 is an adapter board designed to facilitate the evaluation of the L3GD20, LSM303DLHC and LPS331AP MEMS devices. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI124V1 can be plugged into a standard DIL 24 socket. The adapter provides the complete L3GD20, LSM303DLHC and LPS331AP 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 motherboard 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 graphical user interface (Unico GUI), or dedicated software routines for customized applications.

# 1 Schematic diagram

Figure 1: STEVAL-MKI124V1 circuit schematic



## 2 Revision history

Table 1: Document revision history

Date	Revision	Changes
03-May-2012	1	Initial release.
15-Nov-2013	2	Updated features and description to include information on the STEVAL-MKI109V2 motherboard and related software.

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