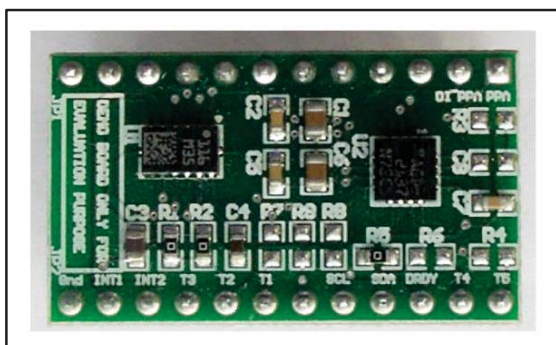


L3GD20 and LSM303DLHC 9-axis module for a standard DIL24 socket

Data brief



Features

- Complete L3GD20 and LSM303DLHC pinout for a standard DIL 24 socket
- Fully compatible with the STEVAL-MKI109V2 and STEVAL-MKI109V3 motherboards
- RoHS compliant

Description

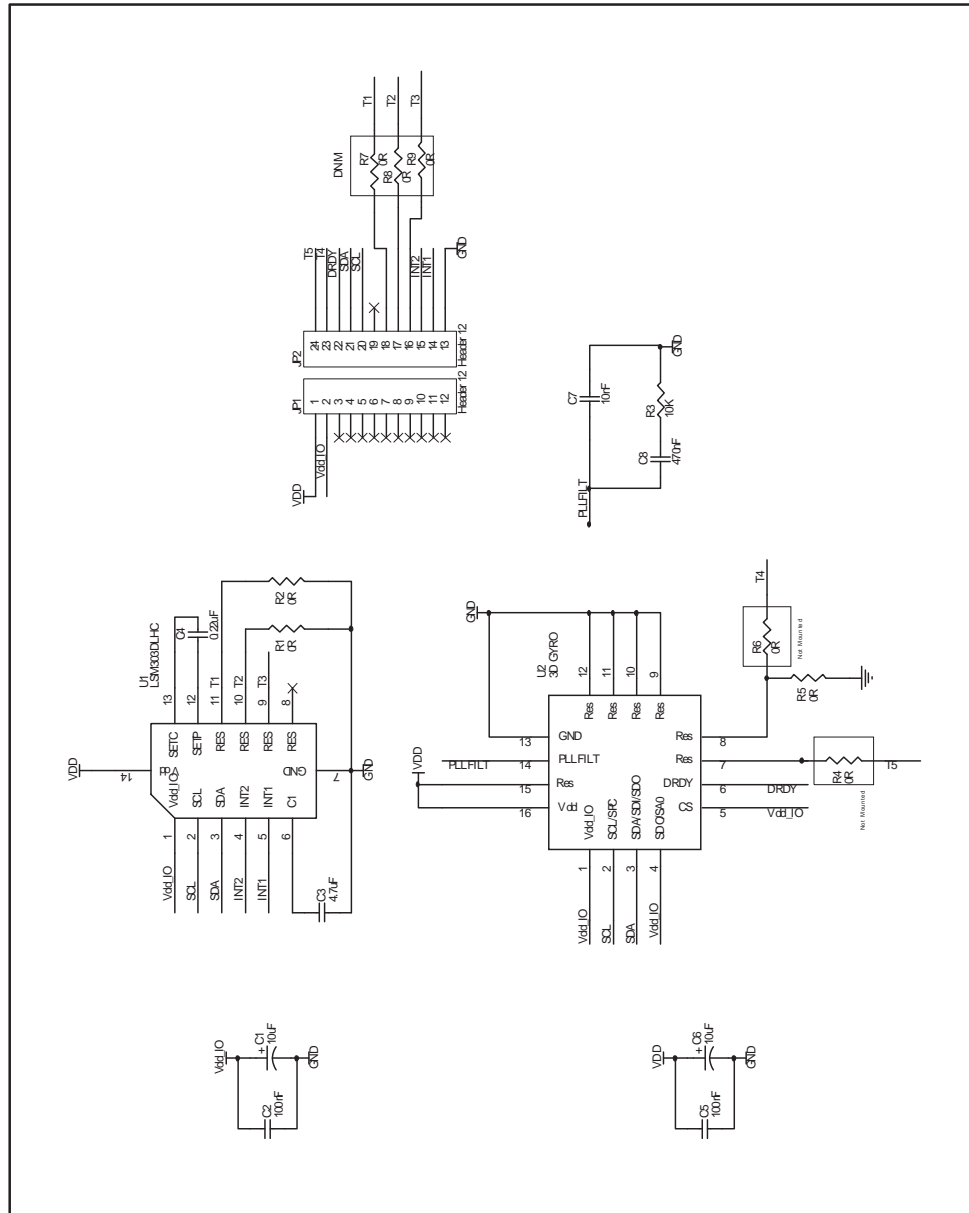
The STEVAL-MKI108V2 is an adapter board designed to facilitate the evaluation of L3GD20 and LSM303DLHC MEMS devices. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI108V2 can be plugged into a standard DIL 24 socket. The adapter provides the complete L3GD20 and LSM303DLHC 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-MKI108V2 circuit schematic



2 Revision history

Table 1: Document revision history

| Date | Revision | Changes |
|-------------|----------|--|
| 03-Nov-2011 | 1 | Initial release. |
| 25-Oct-2013 | 2 | Updated features and description to include information on the STEVAL-MKI109V2 motherboard and related software. |
| 05-Sep-2016 | 3 | Updated features and description adding STEVAL-MKI109V3 motherboard compatibility |

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