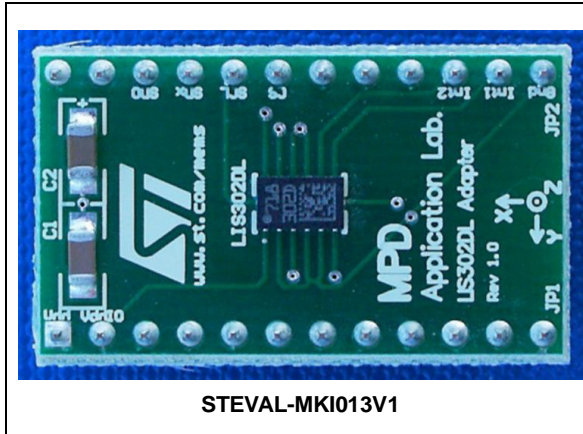


Standard DIL 24 socket-compatible adapter board for testing the LIS302DL

Data brief



Features

- Complete LIS302DL pinout in standard DIL 24 socket
- Fully compatible with STEVAL-MKI109V2 motherboard

Description

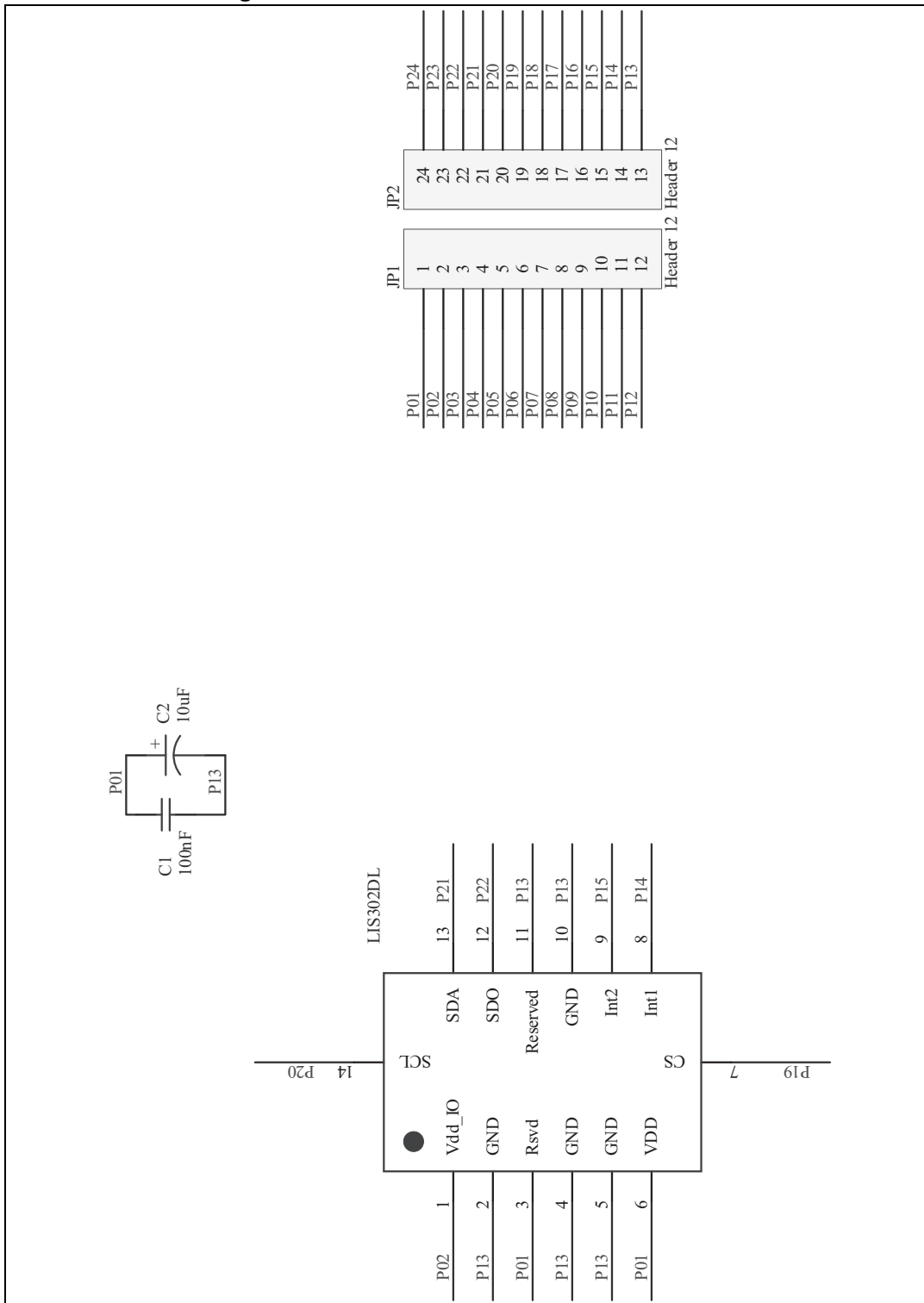
The STEVAL-MKI013V1 is an adapter board designed to allow the evaluation of the LIS302DL, a low-power 3-axis linear accelerometer with digital output. The adapter board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI0013V1 is designed to be plugged into a standard DIL 24 socket. It provides the user with the complete LIS302DL pinout, and comes ready-to-use with the required decoupling capacitors on the Vdd power supply line.

This adapter is supported by STEVAL-MKI109V2: it is a motherboard including a high-performance 32-bit microcontroller which functions 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-MKI013V1 circuit schematic



2 Revision history

Table 1. Document revision history

| Date | Revision | Changes |
|-------------|----------|---|
| 06-Jun-2008 | 1 | Initial release. |
| 10-Jul-2013 | 2 | Updated description. Added new features. |

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