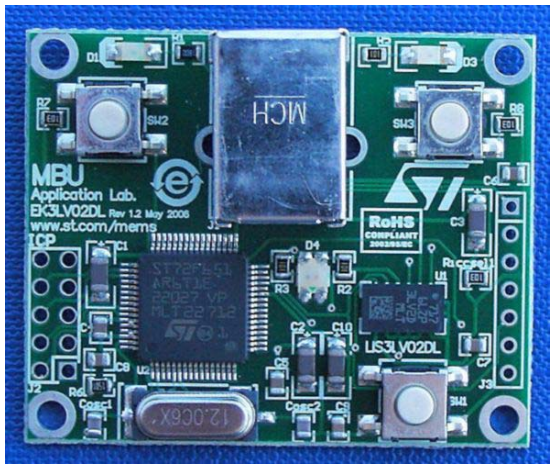
STEVAL-MKI005V1

MEMS 3-axis ±2g/±6g digital output low voltage linear accelerometer evaluation board based on the LIS3LV02DL

Data Brief

Features

- Graphical user interface
- USB connector
- Control switches
- MEMS sensor
- LED indicators
- ST7-USB microcontroller



STEVAL-MKI005V1

Description

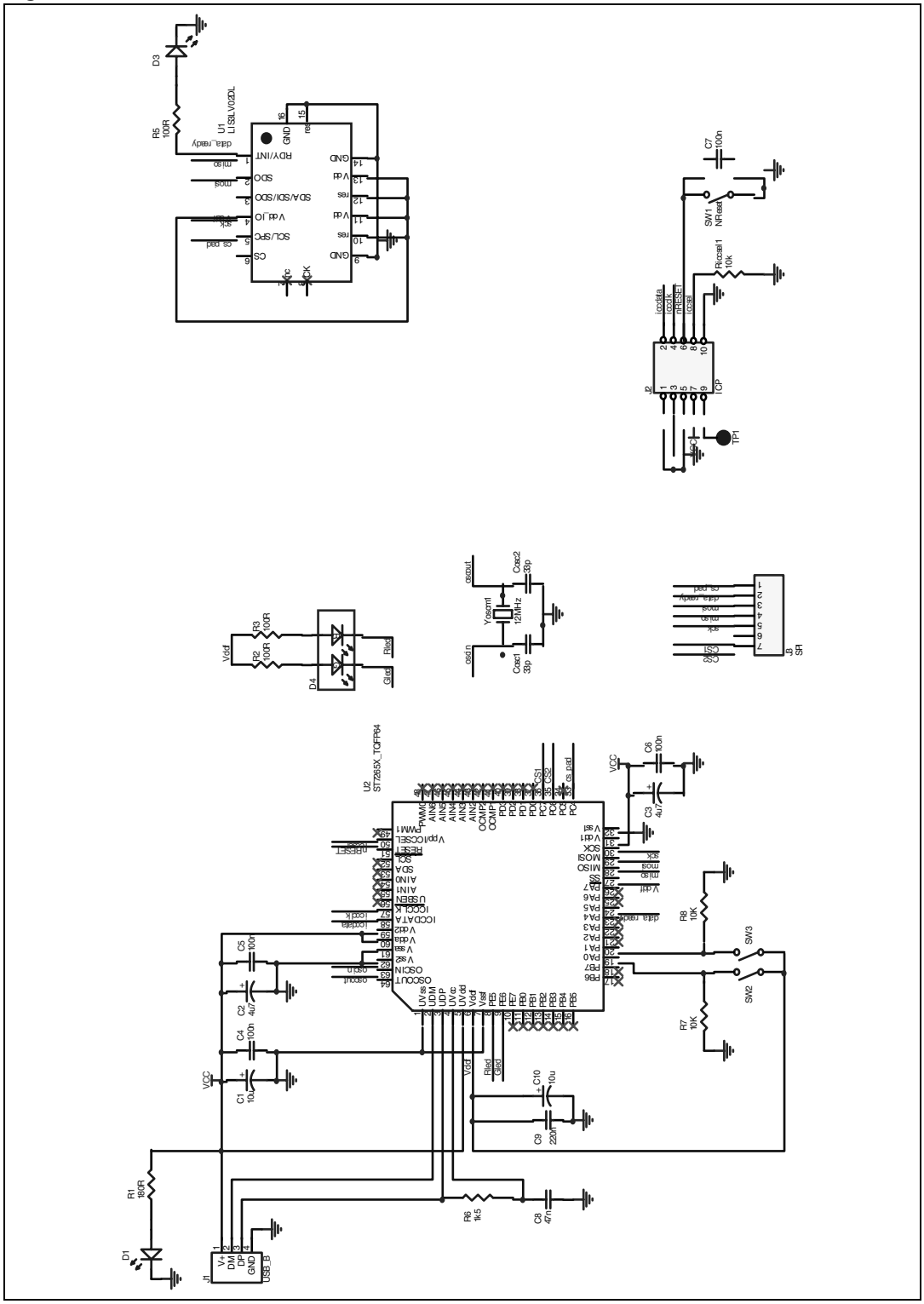
The STEVAL-MKI005V1 is an evaluation kit designed to provide the user with a complete, ready-to-use platform for evaluation of the LIS3LV02DL, a low power 3-axis linear accelerometer with digital output. The device includes a sensing element and an IC interface capable of translating information from the sensing element into a measured signal that can be used for external applications.

In addition to the MEMS sensor, the evaluation board utilizes an ST7-USB microcontroller which functions as a bridge between the sensor and the PC, on which it is possible to use the graphical user interface (GUI) included with the kit or dedicated software routines for customized applications.

For further information contact your local STMicroelectronics sales office. www.st.com

1 Circuit schematic

Figure 1. Circuit schematic



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
17-Jan-2008	1	Initial release

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