



## STEVAL-MKI006V1

MEMS 3-axis -  $\pm 2g/\pm 8g$  digital output low power linear accelerometer evaluation board based on LIS302DL

Data Brief

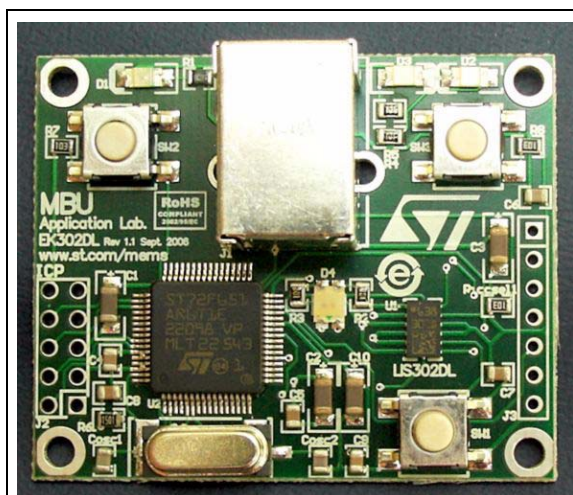
### Features

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

### Description

The STEVAL-MKI006V1 is an evaluation kit designed to provide the user with a complete, ready-to-use platform for evaluation of the LIS302DL, 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.

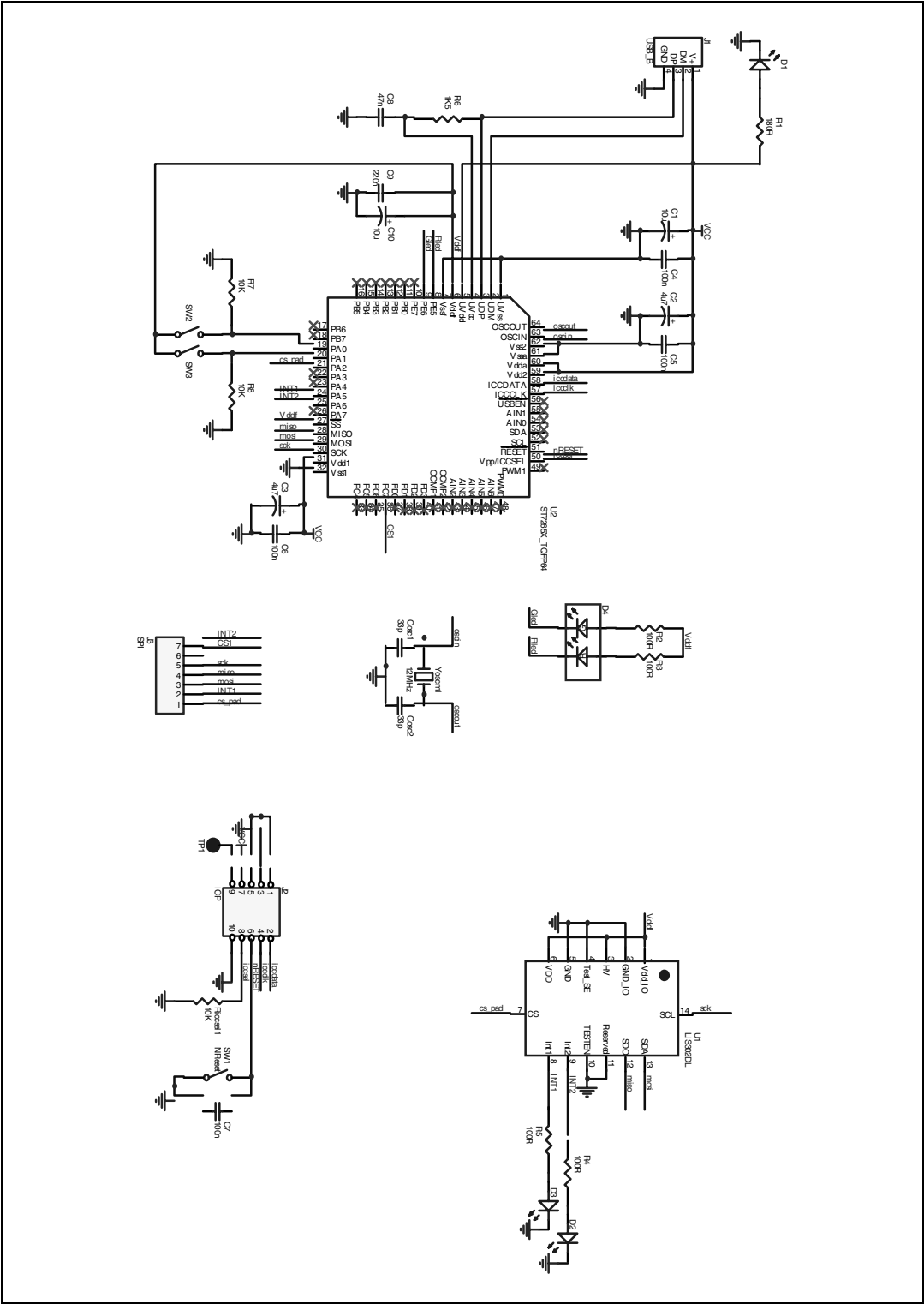
In addition to the MEMS sensor, the evaluation board utilizes an ST7-USB microcontroller which functions as a bridge between the sensor and the PC, on which it is possible to use the graphical user interface (GUI) included with the kit or dedicated software routines for customized applications.



STEVAL-MKI006V1

# 1 Board schematic

Figure 1. Scheme



## 2 Revision history

**Table 1. Document revision history**

<b>Date</b>	<b>Revision</b>	<b>Changes</b>
16-Oct-2007	1	Initial release

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