

# STEVAL-MKI012V1

### MEMS analog output evaluation board based on LIS3L06AL

Data Brief

### Features

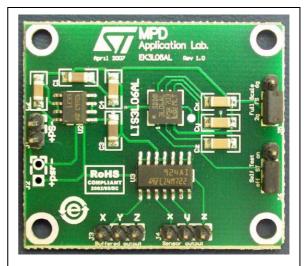
- ~2 mW power consumption
- ±2 g full-scale
- 3 acceleration channels plus multiplexed analog output
- Ratiometric output voltage
- Power down mode
- Embedded self-test
- 10000 g high shock survivability
- ECOPACK<sup>™</sup> RoHS and "Green" compliant

## Description

The STEVAL-MKI012V1 is an evaluation kit designed to provide the user with a platform for evaluating the LIS3L02AL or the LIS3L06AL MEMS accelerometers in the LGA package with analog output. It implements a typical application composed the accelerometer and the TS924 railto-rail precision buffer. The supply voltage is generated by an LE33 voltage regulator, which ensures the correct power required by the LIS3L02AL device.

All parts on the STEVAL-MKI012V1 evaluation kit board are STMicroelectronics components.

For further information contact your local STMicroelectronics sales office.

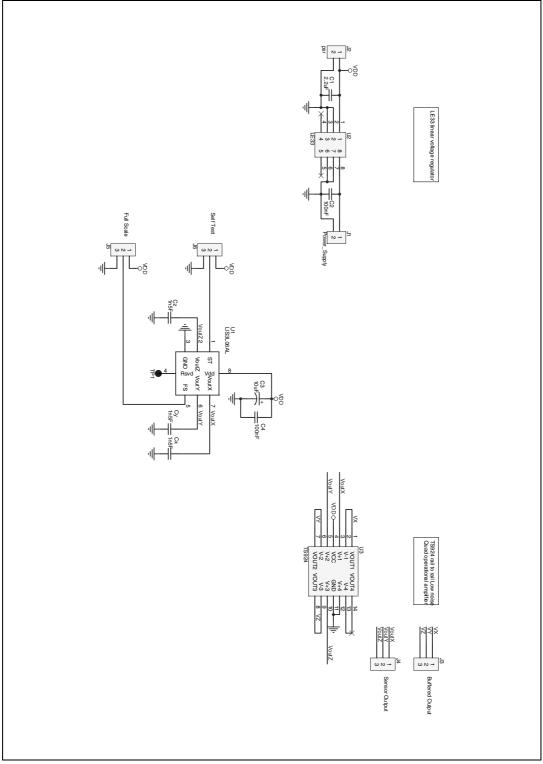


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## **1** Board schematic





## 2 Revision history

Table 1.Document revision history

Date	Revision	Changes
16-Oct-2007	1	Initial release



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