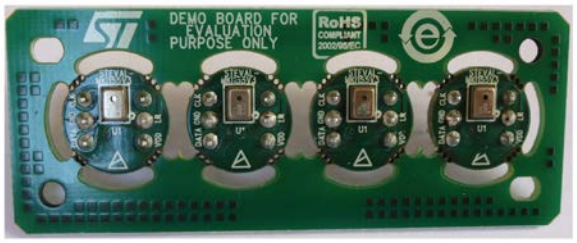
STEVAL-MKI155V3

Microphone coupon board based on the MP34DT01-M digital MEMS microphone

Data brief



Description

The STEVAL-MKI155V3 board is a daughterboard to be used with the STEVAL-MKI126Vx (Smart Voice) kit, containing 4 MP34DT01-M digital MEMS microphones.

The coupon concept allows easy performance testing of ST MEMS microphones. When connected to the Smart Voice board, it is possible to detach the single PCBs hosting each microphone.

Features

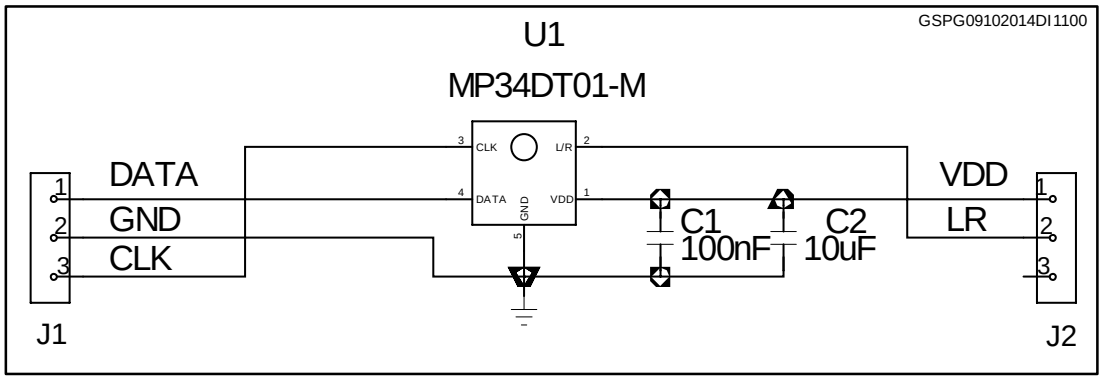
- 4xMP34DT01-M top port digital MEMS microphones
- Functions as a daughterboard for use with STEVAL-MKI126Vx kit
- V supply from 1.64 to 3.6 V
- 120 dBSPL acoustic overload point
- Omnidirectional sensitivity
- PDM single-bit output
- 61 dB of SNR
- Sensitivity -26 dBFS
- RoHS compliant

For further information contact your local STMicroelectronics sales office

www.st.com

1 Schematic diagram

Figure 1: STEVAL-MKI155V3 circuit schematic



2 Revision history

Table 1: Document revision history

Date	Rev	Changes
13-Oct-2014	1	First release.

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