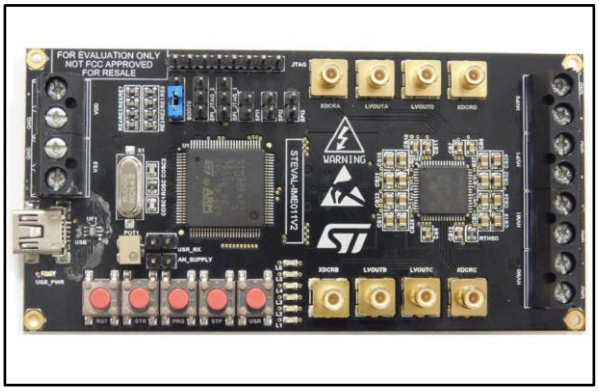
STEVAL-IME011V2

Evaluation board based on the STHV748S high voltage pulser

Data brief



Features

- 4-channel outputs: high voltage and low voltage BNC connectors
- Up to 4 memory locations to store own waveforms designs
- USB connector to load own waveforms onto the board
- Dedicated connectors to supply high voltage and low voltage to the STHV748 output stage
- 4-key button rapid preferred program selection
- RoHS compliant

Description

The STEVAL-IME011V2 evaluation board is designed around the STHV748S 4-channel 5-level high voltage pulser, a state-of-the-art device designed for ultrasound imaging applications.

This board facilitates evaluation of the ultrasound pulser IC thanks also a new graphical user interface.

Once configured, the output waveforms can be displayed directly on an oscilloscope by connecting the probe to the relative BNCs.

For further information contact your local STMicroelectronics sales office

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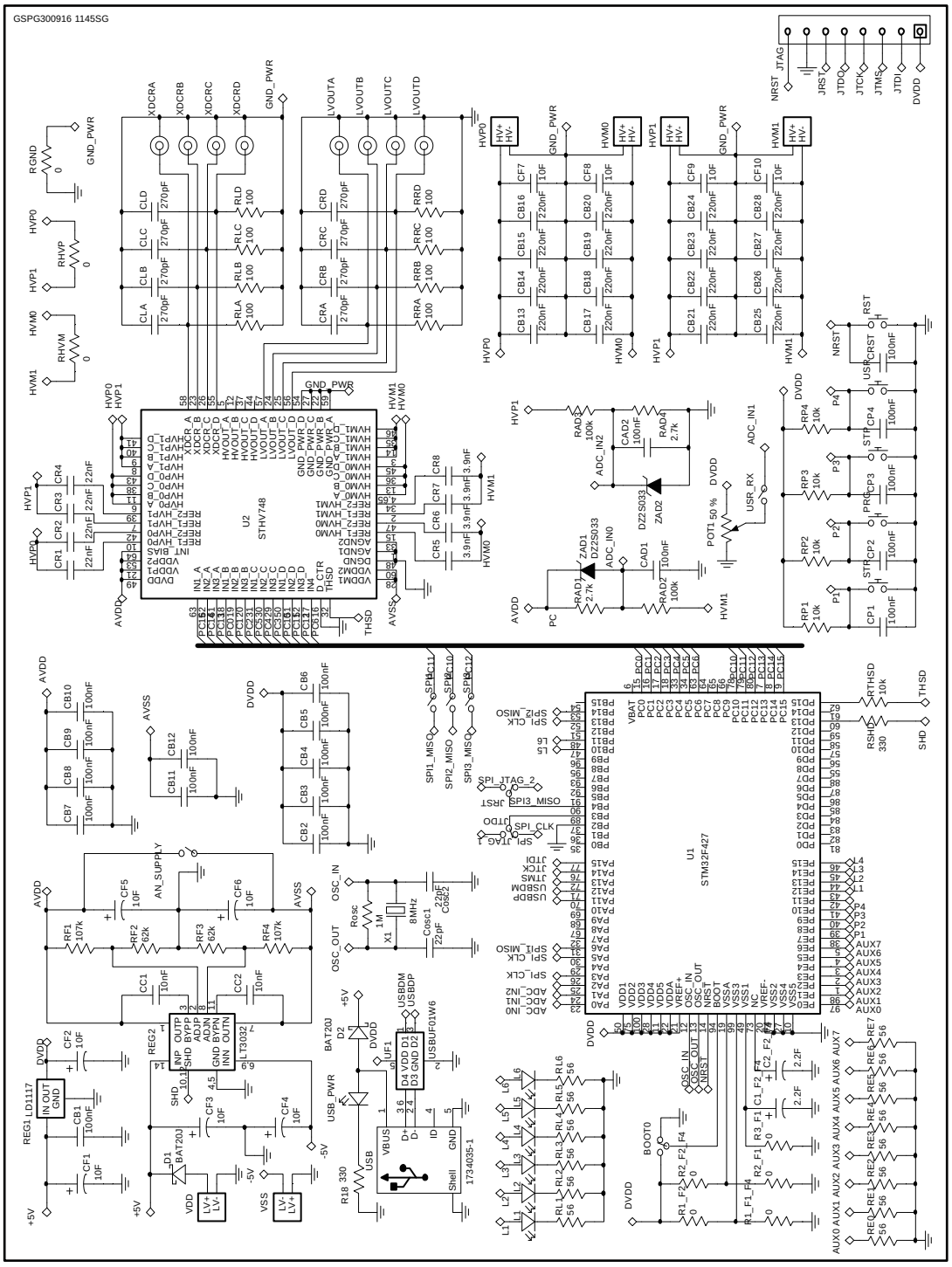
1 Schematic diagram

Figure 1: STEVAL-IME011V2 circuit schematic



2 Revision history

Table 1: Document revision history

Date	Version	Changes
04-Nov-2016	1	Initial release.

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