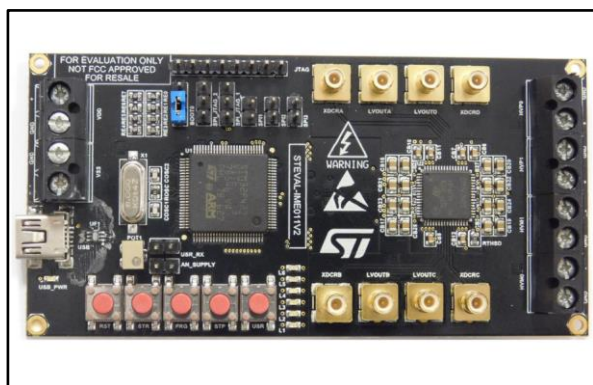

Evaluation board based on the STHV748S high voltage pulser

Data brief

**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.

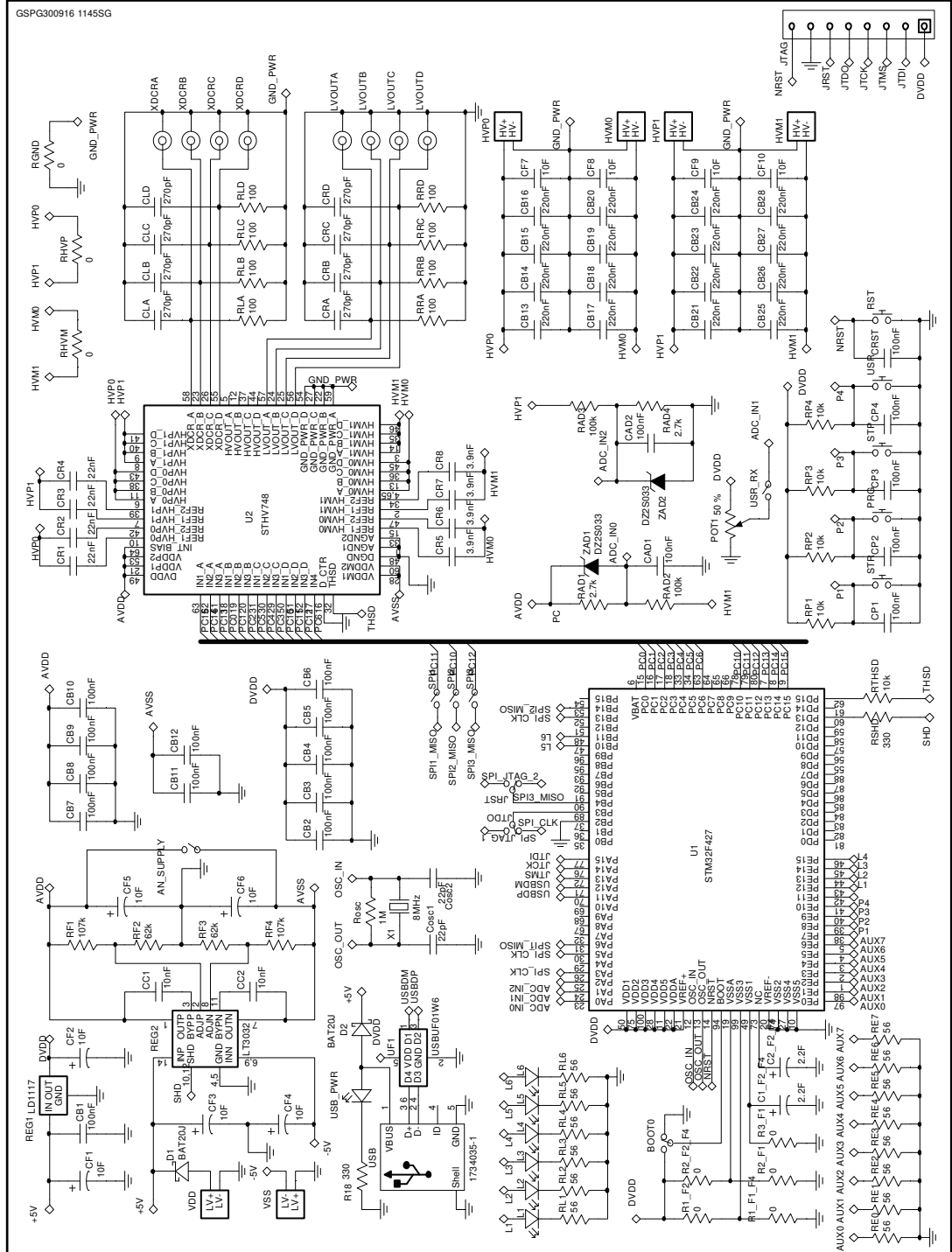
Once configured, the output waveforms can be displayed directly on an oscilloscope by connecting the probe to the relative BNCs.

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

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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