STEVAL-IME011V2

Evaluation board based on the STHV748S high voltage pulser

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Version</th>
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<tbody>
<tr>
<td>04-Nov-2016</td>
<td>1</td>
<td>Initial release.</td>
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