

### Description

The SPC5-EV-ADIS adapter board extends the range of Automotive Discovery Ecosystem enabling the connection of M0-7 high side driver and H-bridge easy boards (EV-xxxx) to SPC560B-DIS control board. Easy board functionality is controlled through a dedicated Graphic user interface connected to control board with USB cable. Control board requires a dedicated application firmware.

### Features

- Board size 100 x 55 mm
- Two extension headers (2 x 36 pin - 100 mil) for quick connection to SPC560B-DIS discovery board
- Extension headers for quick connection of M0-7 easy board
- Extension headers for quick connection of H-Bridge easy board
- Controllable by dedicated GUI for HSD or for H-Bridge available on [www.st.com](http://www.st.com)
- Free ready to run application firmware for HSD or for H-Bridge available on [www.st.com](http://www.st.com), to support quick evaluation and development

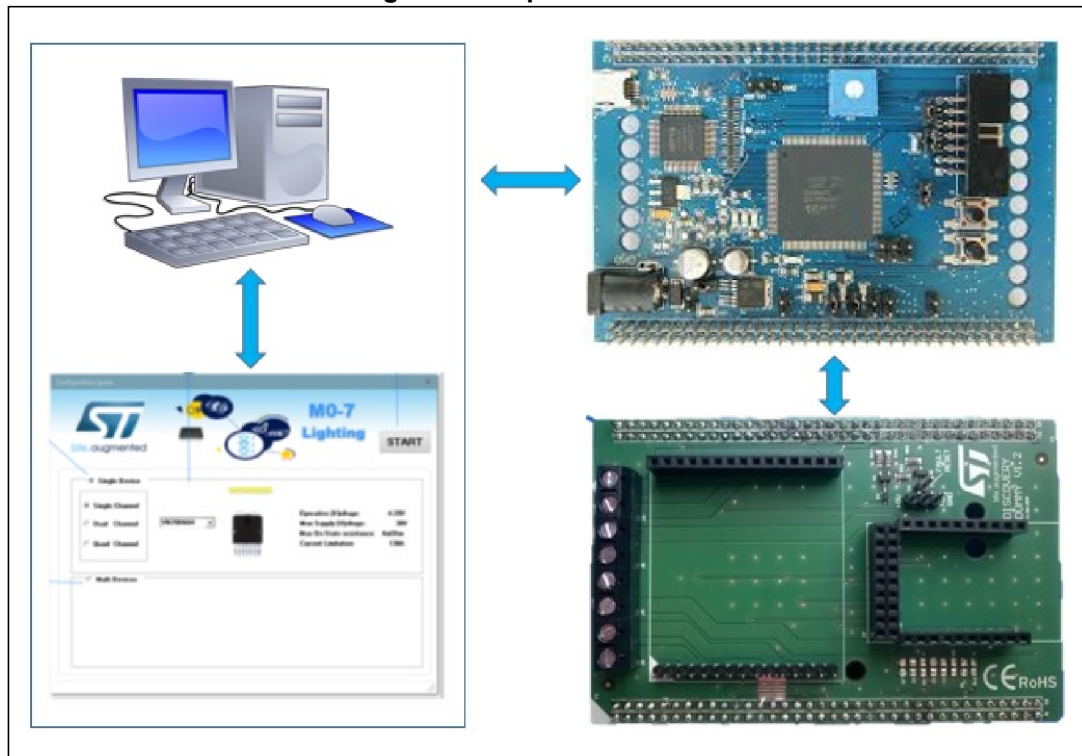
**Table 1. Device summary**

| Order code   | Reference          |
|--------------|--------------------|
| SPC5-EV-ADIS | M0-7 adapter board |

# 1 System requirements

- Windows PC (2000, XP, Vista, 7)
- USB type A to mini-B cable
- SPC560B-DIS discovery board
- STSW-SPC5EV-ADIS GUI

Figure 1. Snapshot of the GUI



## 2 Hardware configuration

VIP-M07-ADIS can be sold stand alone or with microcontroller discovery board SPC560B-DIS. For more information, please refer to ST website [www.st.com](http://www.st.com).

### 3 GUI

GUI is available to control the entire system, that is to say SPC560B-DIS Discovery board connected with the VIP-M07-ADIS application board. For more information, and download of the latest version available, please refer to ST web [www.st.com](http://www.st.com).

Figure 2. Gui interface



## 4 Demonstration software

Firmware is available for easy demonstration. For more information, and download of the latest version available, please refer to ST web.

## 5 Revision history

Table 2. Document revision history

| Date        | Revision | Changes  |
|-------------|----------|--|
| 17-Nov-2015 | 1        | Initial release.   |
| 01-Dec-2015 | 2        | Changed figure in the cover page. Add <i>Figure 2</i> .  |
| 12-Apr-2016 | 3        | Updated <i>Features</i> and <i>Description</i> in Cover page.<br>Updated <i>Section 1: System requirements</i> .<br>Added <i>Section 2: Hardware configuration</i> . |
| 23-Mar-2017 | 4        | Updated:<br>– <i>Section 2: Hardware configuration</i> ;<br>– <i>Section 3: GUI</i> .  |

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