

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.

Table 1. Device summary

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

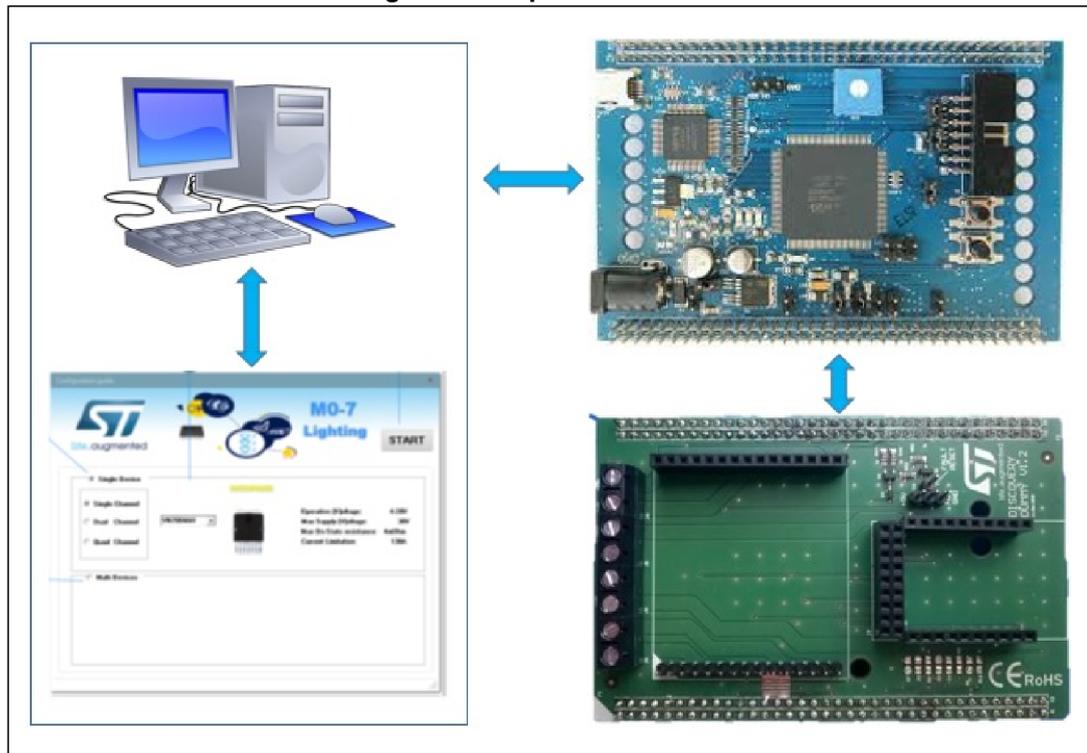
Features

- 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
- Free ready to run application firmware for HSD or for H-Bridge available on www.st.com, to support quick evaluation and development

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.

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.

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. Updated <i>Section 1: System requirements</i> . Added <i>Section 2: Hardware configuration</i> .
23-Mar-2017	4	Updated: – <i>Section 2: Hardware configuration</i> ; – <i>Section 3: GUI</i> .

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