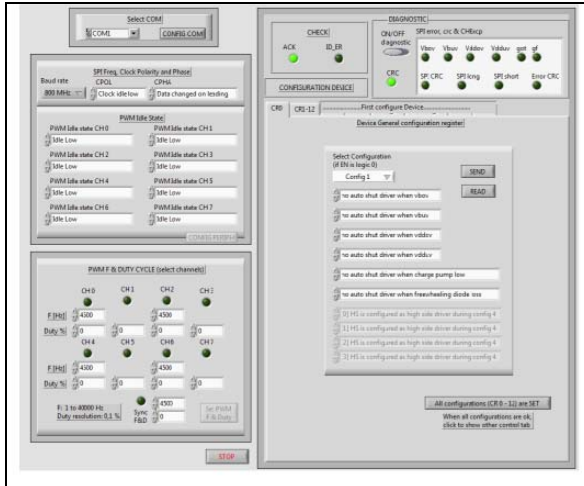


L9301 Firmware and GUI Interface

Data brief



Description

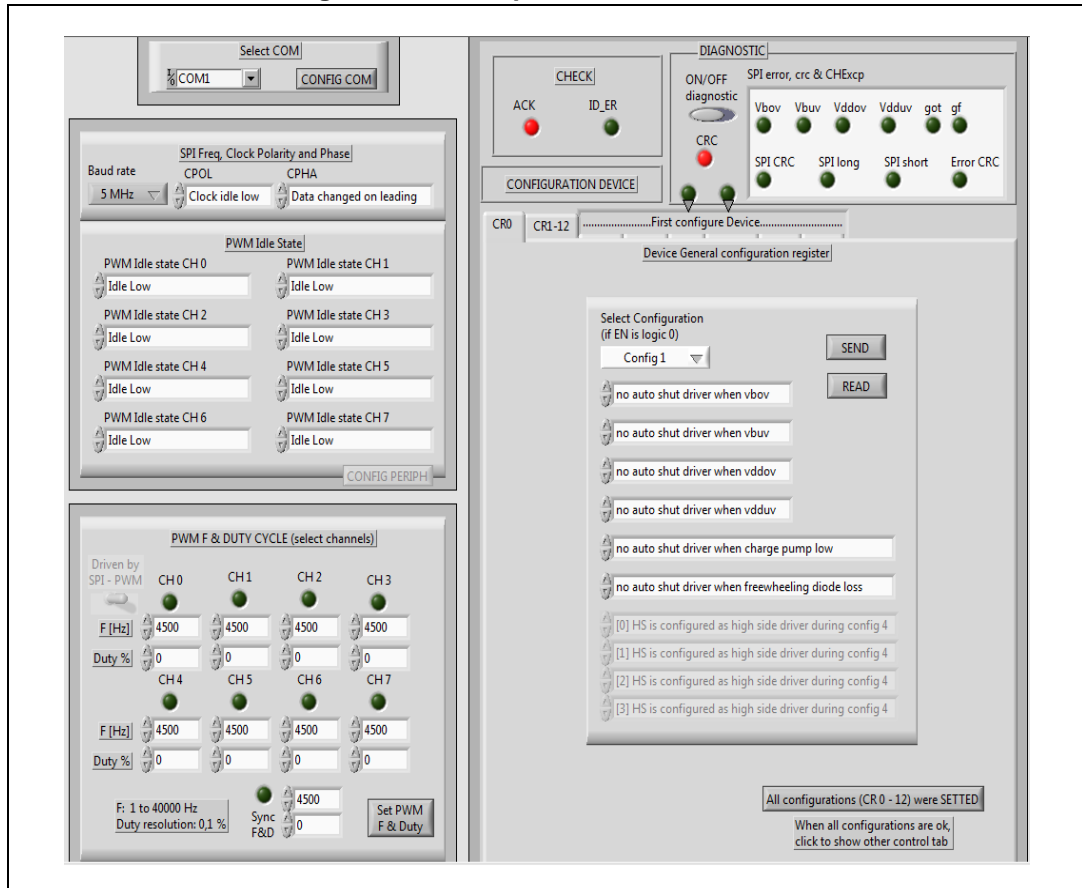
Firmware and GUI interface are necessary items for an effective application support to the customers awarding L9301 device.

Follows a list of the topics described in details in the corresponding documents and the list hardware system requirements.

1 Features of the firmware and GUI interface document

- Description of the data structure used to do the communication between the host PC and the microcontroller
- Definition and implementation of the serial communication between the microcontroller (master) and the L9301 device (slave)
- Constraints on the PWM driving
- Constraints on the SPI driving
- GUI (General User Interface): definition and implementation in Labview environment

Figure 1. GUI snapshot of the main view



2 System requirements

- Host-PC
- SPC560P-DISP
- EVAL-L9301
- USB - RS232 cable - Mini USB - B

3 Revision history

Table 1. Document revision history

Date	Revision	Changes
10-Jan-2017	1	Initial release.

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