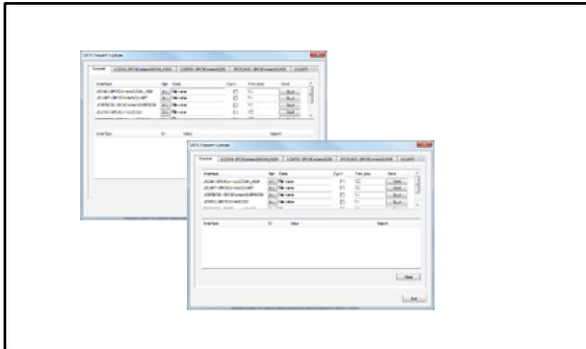


Control and monitoring tool for embedded automotive

Data brief



Features

- Easy to use interface for immediate embedded communications.
- User friendly configuration of messages and data.
- Send and receive data packets using standard communication interfaces: CAN High, GPIO, ADC, UART, SPI, K-Line.
- Two different transmission modes: one-shot and loop.
- Multiple transmission or sequence via user's defined scripts.

- Log feature for data archiving on all supported interfaces.

Description

The SPC5-Connect Explorer (SPC5-CONEXPLORER) provides a user-friendly PC interface to easily control and monitor signals on embedded target applications using the SPC5-Connect hardware interface.

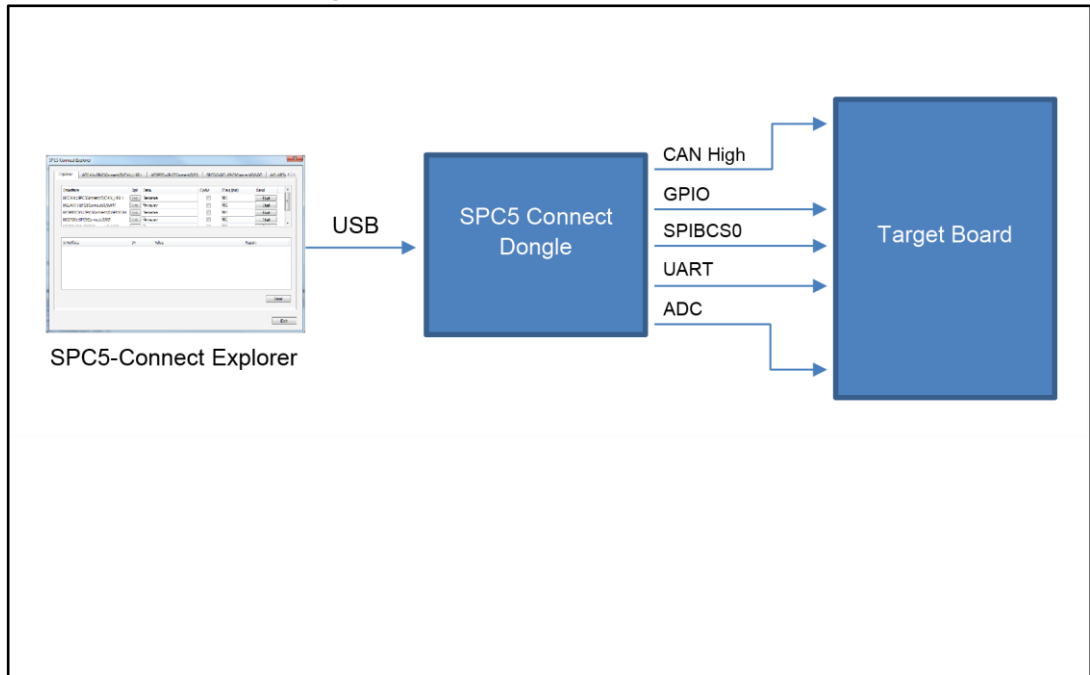
For each supported communication channels the user can take advantage of controls contained in each tab to set properties for each interface and send and receive packets to/from the target. Latest info and software updates for SPC5-Connect can be retrieved on www.st.com.

Table 1: Device summary

Part codes	Device supported
SPC5-CONEXPLORER	Control and monitoring tool for embedded automotive communication interfaces

1 Overview

Figure 1: SPC5-Connect Explorer schema



Explorer page contains all available interfaces. It allows to execute a single command or to execute the SPC5 Explorer scripts.

- CAN High
 - The items of the list ctrl of CAN High interface can be used to send and receive data packet .
- GPIO
 - The GPIO page shows the specific interface for digital I/O operations.
- ADC
 - The ADC page shows the specific interface for ADC operations.
- UART
 - The UART page shows the specific interface for UART communications.
- SPIBCS0
 - The SPIBCS0 page shows the specific interface for SPI B chip select 0 communications.
- SYS
 - The SYS page shows the specific interface for communications with SPC5 Connect.

2 System requirements

SPC5 Connect Explorer has been designed to work correctly with Windows 7 platforms. No specific hardware is required. However, in order to connect the user PC to the target, a USB port and SPC5 Connect must be installed in the user PC.

3 Revision history

Table 2: Revision history

Date	Revision	Changes
07-Jul-2015	1	Initial release.

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