



I2C 2005-1 Demonstration Board Set up and GUI operation

Oct, 2006

Software & Hardware setup

Proceed as following if WinI2CUSB Lite is not installed in your computer:

1. Run **Win-I2CUSB Lite Install** from the Win-I2CUSB_Lite_Installer zip file
2. Replace the **Win-I2CUSB Lite.exe** executable file by the latest version (if necessary).

Default installation path is: **C:\Program Files\The Boardshop\Win-I2CUSB Lite**

3. Plug the I2C Demonstration Board 2005-1 into a USB port
4. Install the USB Driver. Default installation path is:

C:\Program Files\The Boardshop\Win-I2CUSB Lite\USBDriver

The hardware should now be ready to use

5. Run **Win-I2CUSB Lite.exe**



Win-I2CUSB Lite GUI Overview

Quick Start window – Note the information telling that the board needs to be powered up by the user

Expert Mode

Allows to write customized I²C commands

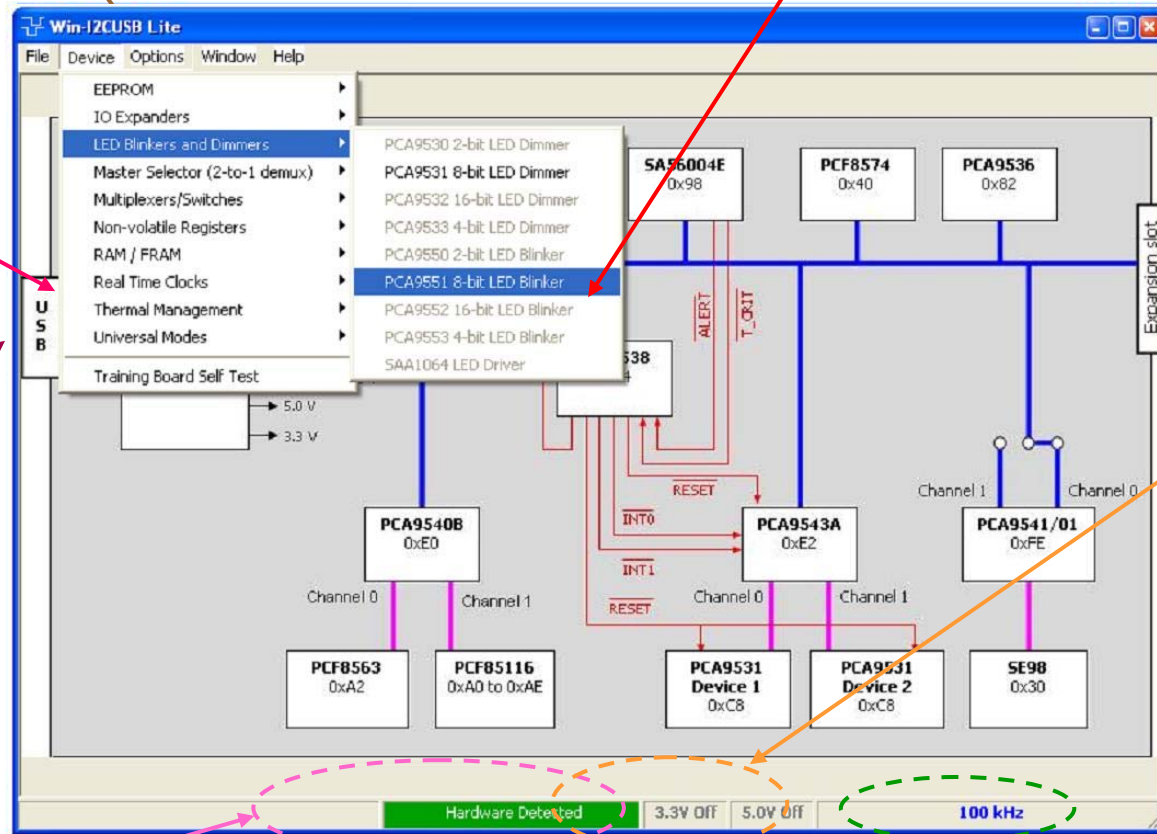
Limited to 8 commands with 8 bytes of data for each

Self test feature

Allows board diagnostic to be performed

Device selection

Only devices in the board can be selected



Control 3.3 V and 5.0 V power supplies

Double-click enables/disables the selected power supply

Also available under the Options menu

Hardware detection

Green = Hardware detected

Red = Hardware not detected

I²C Clock frequency

Double-clicking allows changing the frequency

Also available under the Options menu

Expert Mode

File management:
New, Open, Save

I2C Message management:
Remove, Add, Copy, Paste, Compress

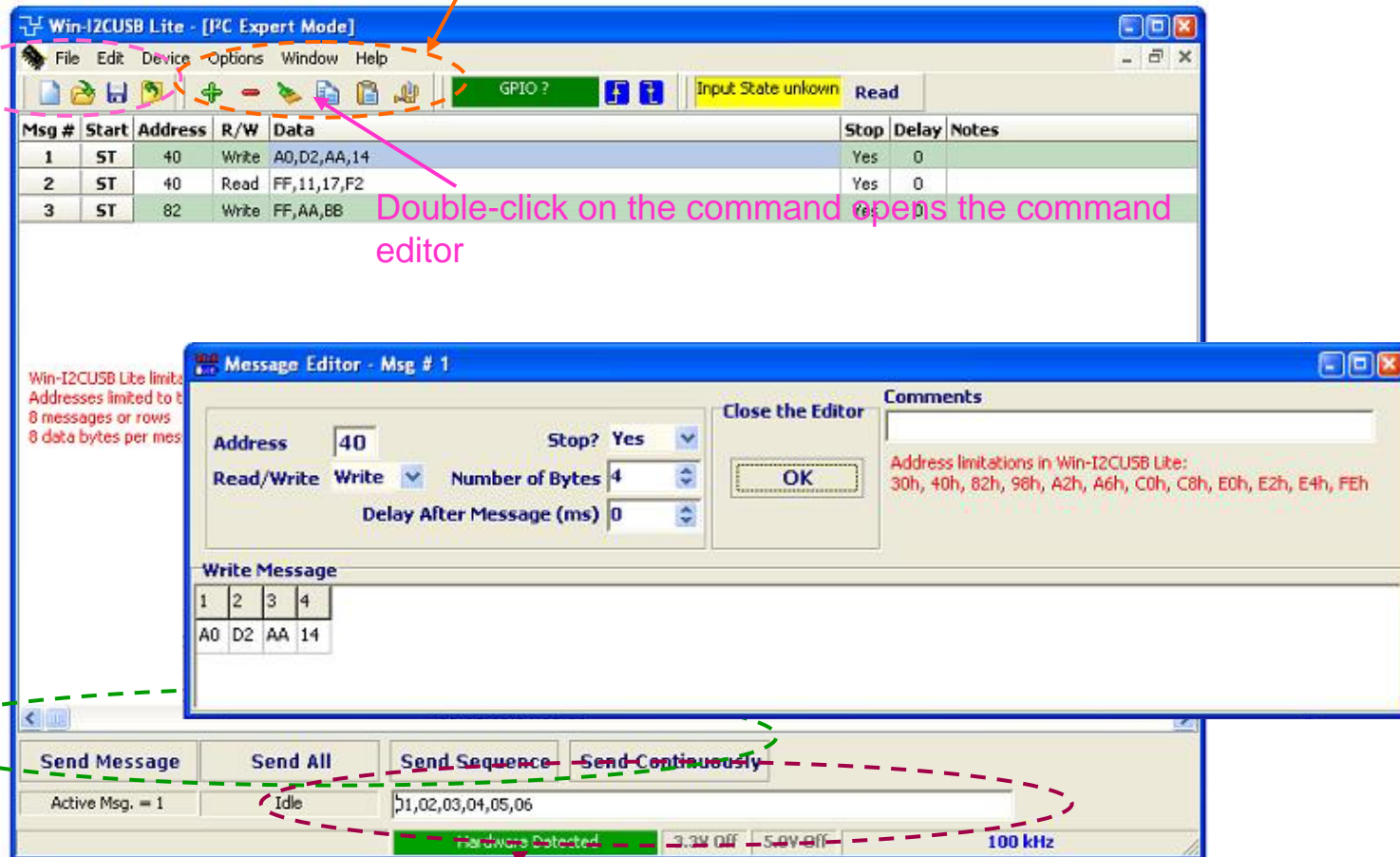
Up to 8 lines
of code

Each line with
8 data bytes
max

Double-click on the command
editor

I2C Command
sequencer

Sequence management
Double click opens the sequence editor



I2C 2005-1 Demonstration Board Block Diagram

