CH341A-USB2I2C(USB to I2C Interface Module)
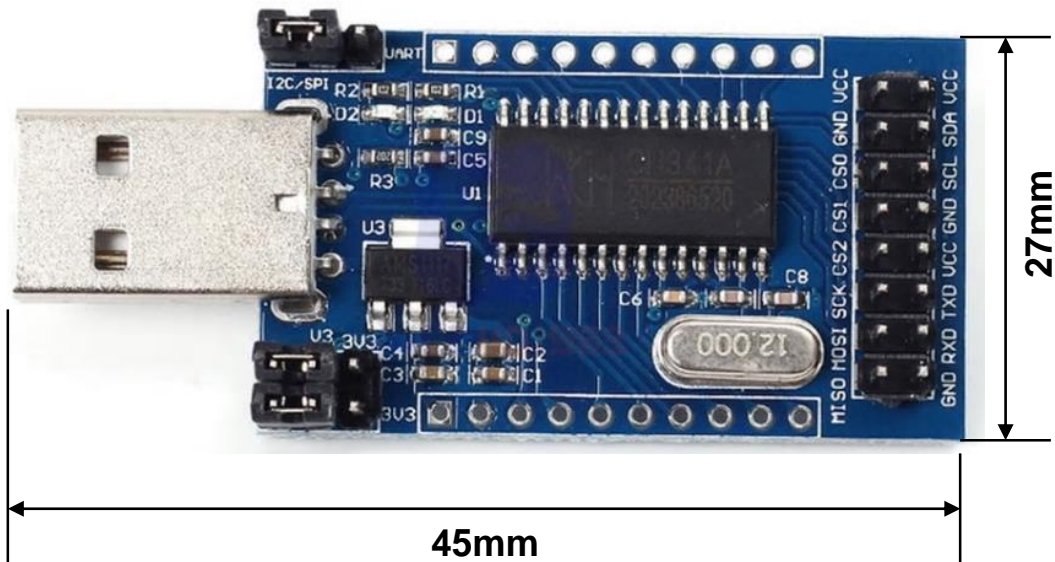
1 Features

- Including CH341A chipset
- USB Specification 2.0 compliant;
- 3V, 5V DC power available
- Support various Serial interface: I2C, SPI
- Arduino compatibility.

2 Applications

- PC to Sensor Interface(I2C, SPI)
- Arduino application

3 Description

The SNA-USB2I2C provides a complete interface between your PC and the I2C bus. It is an I2C master only, not a slave. It also support SPI Interface.
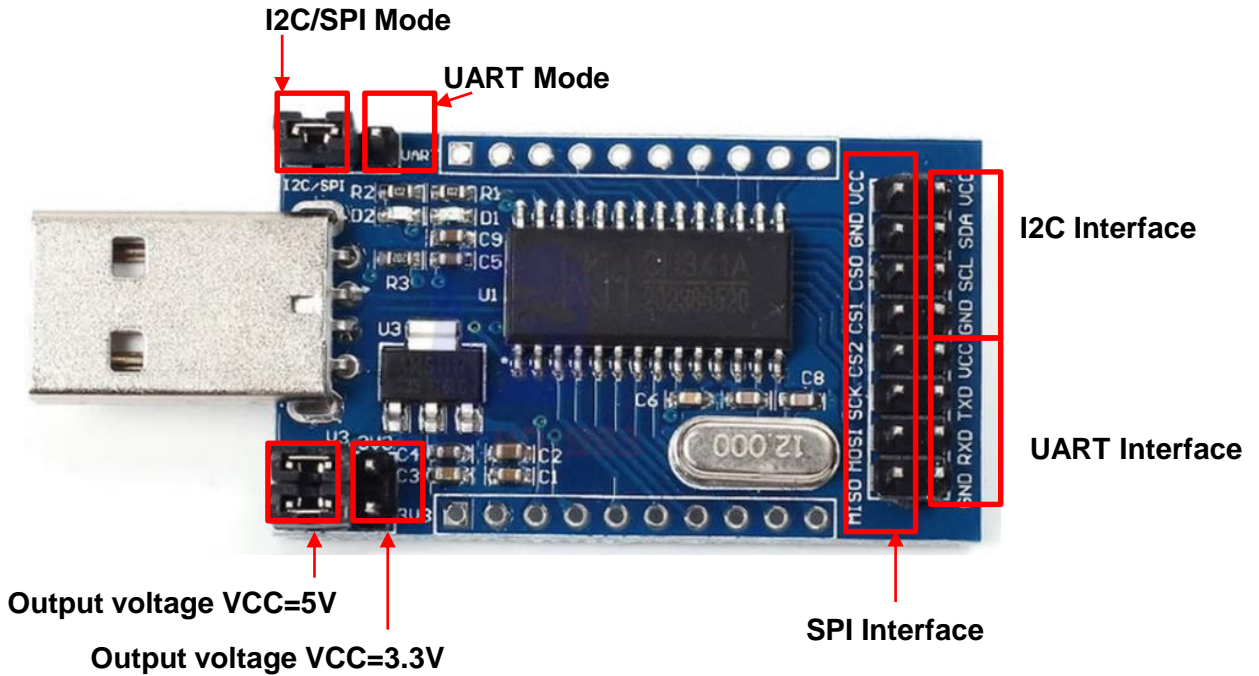
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4. Board Configuration

I2C/SPI Mode

UART Mode

I2C Interface

UART Interface

SPI Interface

Output voltage VCC=5V

Output voltage VCC=3.3V

5. Driver Installation

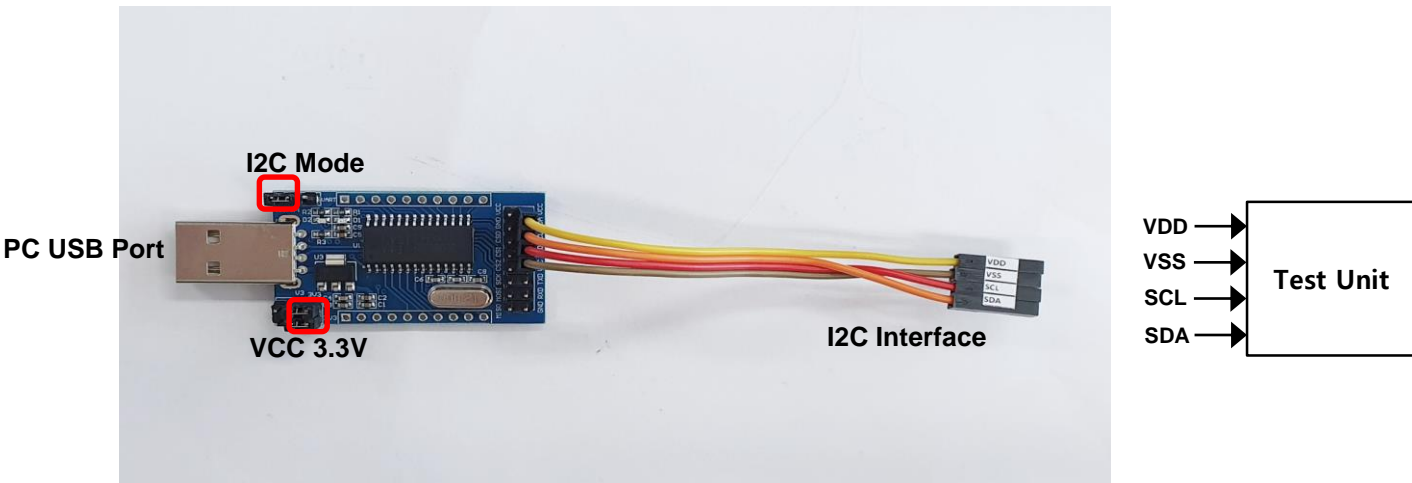Before using CH341A-USB2I2C board, need to install CH341 Driver.

Driver Download Link to

http://snaic.co.kr/?module=Board&action=SiteBoard&sMode=VIEW_FORM&iBrdNo=3&iBrdContNo=31&sBrdContRe=0&sSearchField=&sSearchValue=&CurrentPage=1

1) Unzip the CH341_Driver.zip file
2) Run the setup.exe file.
3) Check Device Manager
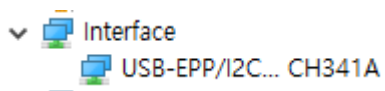
6. Application example

Note) You need to make the I2C interface cable by yourself based on your Test Unit.

◇ **If more questions and support required, Please access below and request.**

http://www.snaic.co.kr/?module=Inquiry&action=SiteInquiry&sMode=INSERT_FORM&iInquiryNo=1

***** Precautions and Notes *****

1. In order to prevent personal injury or fire arising from failure, please take safety measures such as complying with the derating characteristics, implementing redundant and fire prevention designs, and utilizing backups and fail-safe procedures.

2. SNA shall have no responsibility for any damages arising out of the use of our Products beyond the rating specified by SNA. Examples of application circuits, circuit constants and any other information contained herein are provided only to illustrate the standard usage and operations of the Products. The peripheral conditions must be taken into account when designing circuits for mass production.

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