

# SCB I2C: Slave Mode

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## › **Description:**

- This example demonstrates SCB-I2C in Slave Mode, MCU is set as slave and PC/Aardvark in master Mode.

## › **Target Device:**

- Traveo-II CYT2B7x devices

## › **Hardware:**

- CYTVII-B-E-176-CPU BOARD REV.C (REV\_C)
- TVII Base Board (BB)

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### › Dependency:

- Any example could be copied to the main “src” based on the interested core
- Aardvark SCL/0 - P1\_0\_SCB0\_I2C\_SCL (JP8/4 on BB)
- Aardvark SDA/2 - P1\_1\_SCB0\_I2C\_SDA (JP8/3 on BB)
- Aardvark GND/1 to any GND on the CPU/BB

### › Expectation:

- MCU is set in Slave Mode, Aardvark shall be set in Master mode and click start.
- PC/Aardvark sends data to MCU. Aardvark will show the sent data and received data.

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## › Legend:

- Red block for power, debug and USB (Mandatory)
- Yellow block for the example specific connections

