

## SCB I2C: Master Mode

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### › **Description:**

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

### › **Target Device:**

- Traveo-II CYT2B9x devices

### › **Hardware:**

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

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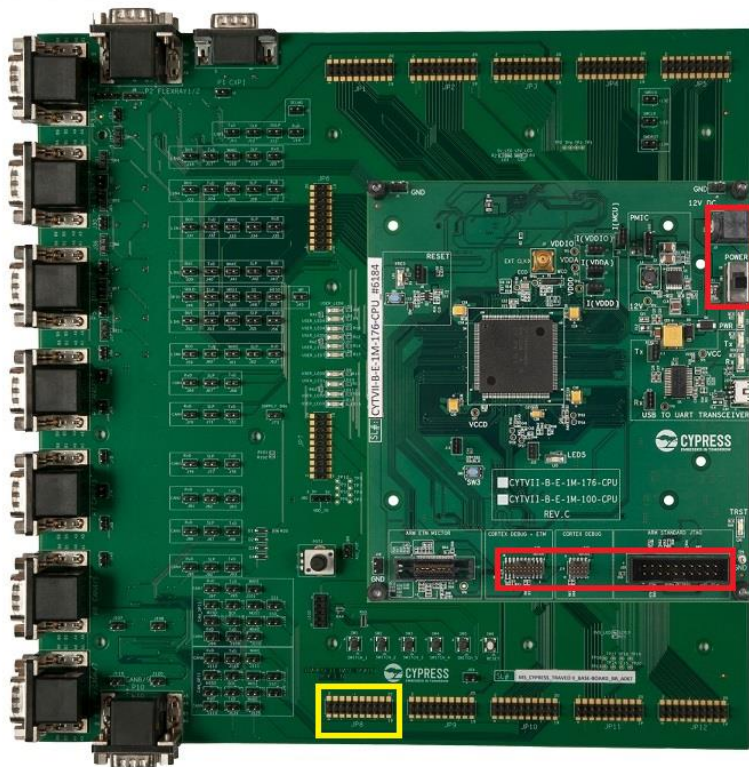
### › **Dependency:**

- Any example could be copied to the main “src” based on the interested core
- Aardvark to be configured for a slave address “0x08”
- 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 Master Mode, Aardvark shall be set in slave mode and click start.
- MCU prepares data and sends it to the PC. The screen of Aardvark will show the data from MCU.

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## › Legend:

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