

SCB SPI: Low Level Driver Master

› **Description:**

- This example demonstrates SCB-SPI in Master Mode (Low level), MCU is set as master and PC/Aardvark set in slave 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 to be configured as a slave
- Aardvark MOSI/8 - JP6/14 on BB
- Aardvark MISO/5 - JP6/15 on BB
- Aardvark SCLK/7 - JP6/9 on BB
- Aardvark SS/9 - JP6/8 on BB
- Aardvark GND/1 to any GND on the CPU/BB board

› 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

