

SCB SPI: DeepSleep Wakeup

› **Description:**

- This example demonstrates usage of SCB-SPI to wake up the MCU.

› **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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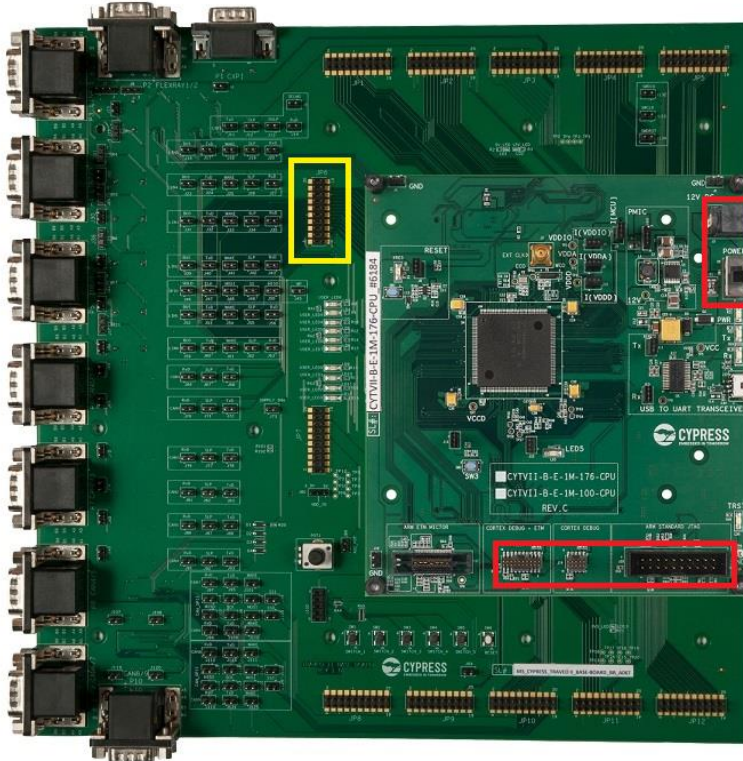
› **Dependency:**

- Both the examples to be copied to the main “src”
- Aardvark to be configured as a Master
- 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 Slave Mode, Aardvark shall be set in Master mode and click start.
- Both cores will be in DeepSleep mode, send a message from PC/Aardvark to wakeup the MCU.

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› Legend:

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