› **Description**:
  – This example demonstrates the ADC single channel conversion.

› **Target Device**:
  – Traveo-II CYT2BLx devices

› **CPU Board**:
  – CYTVII-B-E-1M-176-CPU Rev. C Board
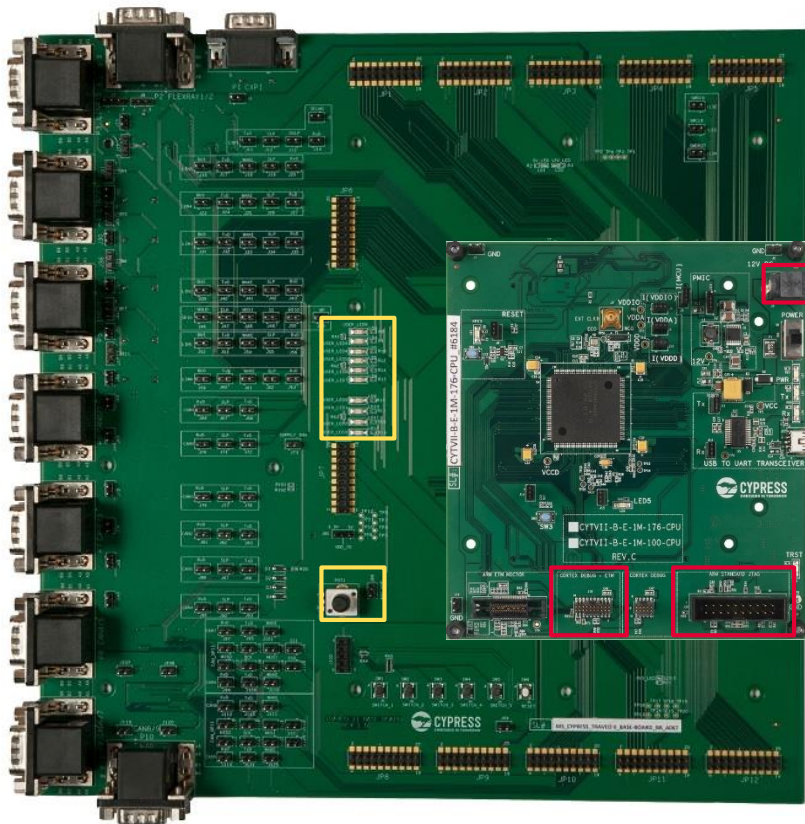 – CYTVII-B-E-BB Rev.A Board

› **Dependency:**
  – Any example could be copied to the main "src" based on the interested core
  – Also copy cy_bargraph_definitions.h, and example_config.h into main "src" folder
  – In the copied example_config.h, select which core shall run the example

› **Expectation**:
  – Run program.
  – One channel conversion interrupt done. User should be able to see the result in buffer 'resultBuff' in the watch window of the IDE.
  – The result (percentage) is also displayed with a LED bargraph made up of the 10 LEDs on the Traveo II base board.
    The potentiometer (POTI) on the Traveo II base board is used as analog source.

› **Legend**:
  – Red block for power, debug and USB (Mandatory)
  – Yellow block for the example specific connections