› **Description**:
  – This example demonstrates how to enter Hibernate mode and exit it through an RTC alarm

› **Target Device**:
  – Traveo-II CYT2Bx devices

› **CPU Board**:
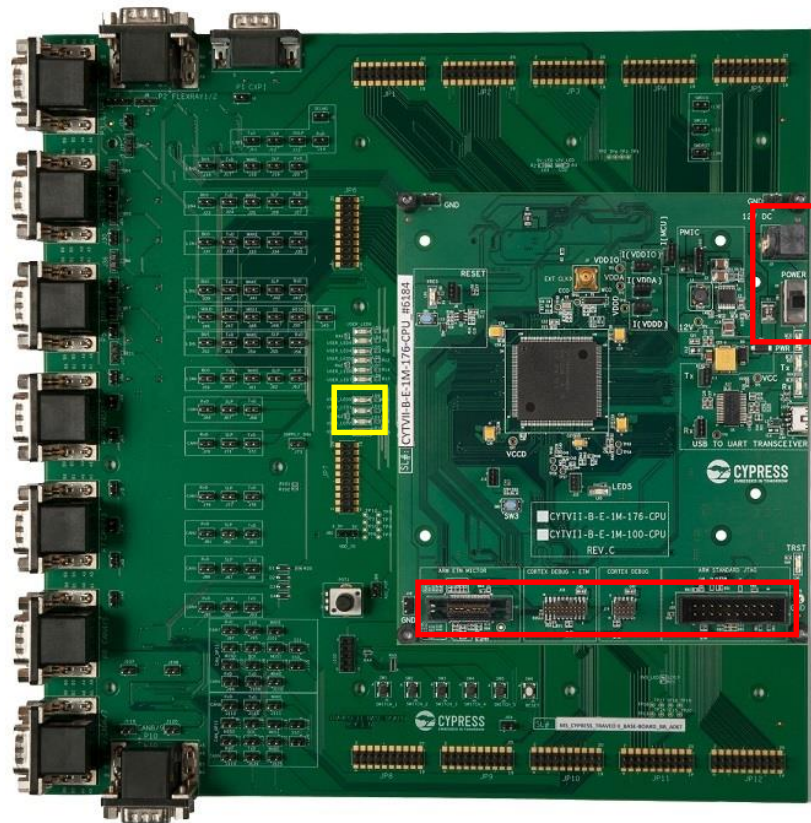 – CYTVII-B-E-176-CPU BOARD REV.C (REV_C)

› **Dependency:**
  – It might be recommended to disconnect the debugger after programming to prevent and debugger errors caused by the connection loss when entering Hibernate mode

› **Expectation**:
  – One LED on the base board is toggled for some seconds to indicate that the execution goes through the startup
  – Then the RTC alarm is configured and Hibernate mode is entered
  – After some seconds the MCU wakes up and the LED toggling can be seen
  – After the toggling stops, a second LED will be set by the RTC Alarm IRQ handler to indicate that there was a pending RTC alarm

SYSPM – Hibernate – Wake-up from RTC

Legend:
- Red block for power and debug (Mandatory)
- Yellow block for the example specific connections