Demo Set-up

The SW TimeDate demonstrates setting and checking time, date and alarm functionality. It is targeted at MC56F84789 and its derivatives.

H/W Setup

The h/w consists of:

1. MAPS-MC56F84000 populated with MC56F84789 device

2. USB cable connected to MAPS OSBDM connector

3. 5V Power supply

Before the demo starts, the HW with OSBDM link needs to be set-up.

Application SW

The demo s/w is located in a folder MC56F84000_TimeDate. The s/w was designed using CodeWarrior CW10.x

Development Tools

In order to compile run, load and flash the demo the following s/w is necessary to:

1. Install CodeWarrior_CW_MCU_v10.x and Run the CodeWarrior

2. Drug and drop <MC56F84000_TimeDate\ .project> into the opened CodeWarrior CW10.x

3. Clean(if the project is the first time run in your workspace) and Build the application code target MC56F84789_Internal_PFlash_SDM

4. Connect a USB cable between the PC host and the ebed USB port (CN7 on the MAPS-56F84000 board).

5. Running/debugging loading the code:

    a. Run As-> Debug Configuration

    b. Set the SDM configuration for Universal Multilink

6. Click Debug

7. Start

8. Read the observations at the console