

Overview

The USB PHDC WeighScale application is a simple demonstration program that uses the KSDK software. It is enumerated as a weight scale device and the HealthLink software is used to interact with this device to simulate the personal weight scale data like body mass and body mass index.

System Requirement

Hardware requirements

- J-Link ARM
- P&E Micro Multi-link universal
- Mini/micro USB cable
- USB A to micro AB cable
- Hardware (tower/base board, ...) for specific device
- Personal Computer(PC)

Software requirements

- The project files, for lite version example, the path is:
<SDK_Install>/boards/<board>/usb/usb_device_phdc_weighscale_lite/<RTOS>/<toolchain>.
For non-lite version example, the path is: <SDK_Install>/boards/<board>/usb/usb_device_phdc_weighscale/<RTOS>/<toolchain>.

Note

The RTOS is BM ,FreeRTOS.

- The HealthLink software installed in Personal Computer(PC)

Getting Started

Hardware Settings

- The Jumper settings:
JP12 connected .

Prepare the example

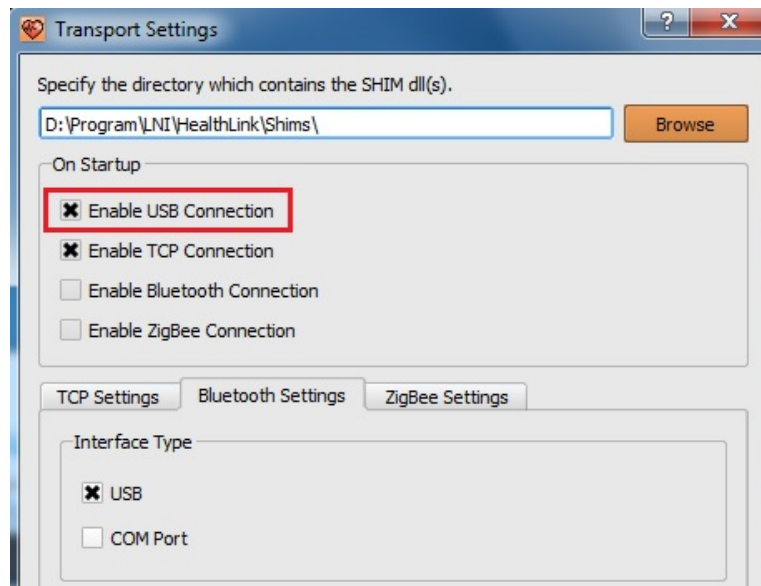
1. Download the program to the target board.
2. Power off the target board. And then power on again.
3. Connect a USB cable between the PC and the USB device port of the board.

Note

For detailed instructions, see the appropriate board User's Guide.

Run the example in Windows

1. Download HealthLink software at <http://www.inihealth.com> Contact with support@inihealth.com to get license.
2. Install HealthLink software and USB driver.
3. At the first time running HealthLink, you should create new account to store data. In Edit Menu, choose Advance->Transport Settings and make sure that Enable USB Connection check box is checked.



4. Plug-in the target board which is running PHDC WeighScale example into PC. You will see the state of device and received data.

