

Overview

The application is a simple demonstration program that uses the KSDK software. It is enumerated as HID-compliant mouse and keyboard devices.

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_composite_hid_mouse_hid_keyboard_lite/<RTOS>/<toolchain>.
For non-lite version example, the path is:
<SDK_Install>/boards/<board>/usb/usb_device_composite_hid_mouse_hid_keyboard/<RTOS>/<toolchain>.

Note

The RTOS is BM or FreeRTOS.

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

1. Plug-in the device which is running composite example into PC. You will see a HID-compliant mouse and a keyboard enumerated in Device Manager.
2. For HID mouse, you can see the mouse arrow moving on PC's screen according to the rectangular rotation. And for HID keyboard, You can see the screen in the scroll up and down.