

# Overview

The USB HID mouse application is a simple demonstration program that uses the KSDK software. It is enumerated as a mouse and users can see the mouse arrow moving on PC's screen according to the rectangular rotation.

## 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\_hid\_mouse\_lite/<RTOS>/<toolchain>.  
For non-lite version example, the path is:  
<SDK\_Install>/boards/<board>/usb/usb\_device\_hid\_mouse/<RTOS>/<toolchain>.

#### Note

The RTOS is BM ,FreeRTOS, uCOSII or uCOSIII.

## 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 HID mouse example into PC. You will see a HID-compliant mouse enumerated in Device Manager.
2. You can see the mouse arrow moving on PC's screen according to the rectangular rotation.