Must set ILO clock to 100 khz, must run IMO @ 24 mhz and set IMO doubler, enable USB clock at imox2 (48 Mhz)

API:

`$INSTANCE_NAME`_Start();

prepares the mouse

`$INSTANCE_NAME`_Enumerate();

call this function when ready to enumerate the USB mouse

`$INSTANCE_NAME`_Write(int8 x, int8 y, int8 buttons);

sends the mouse position and button information, then waits for the host to ack

x can be +128 to -127 (positive x moves the mouse to the right, negative x moves the mouse to the left)
y can be +128 to -127 (positive y moves the mouse down, negative y moves the mouse up)

setting buttons to	`$INSTANCE_NAME`_NO_CLICK	is no button clicked
setting buttons to	`$INSTANCE_NAME`_LEFT_CLICK	is the left click
setting buttons to	`$INSTANCE_NAME`_MIDDLE_CLICK	is the middle click
setting buttons to	`$INSTANCE_NAME`_RIGHT_CLICK	is the right click

Code snippet component instance name was USB_Mouse:

```
    CYGlobalIntEnable; // MUST ENABLE Global Interrupts
    USB_Mouse_Start();

    USB_Mouse_Enumerate();  // wait for the device to enumerate


    for(;;)
    {
        CyDelay(50);

        USB_Mouse_Write(1,1,USB_Mouse_NO_CLICK);  // slowly move the
mouse to the bottom right
    }
```