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 keyboard

`$INSTANCE_NAME`_Enumerate();

call this function when ready to enumerate the USB keyboard

void `$INSTANCE_NAME`_TypeString(uint8 * szBuffer);

Types the ascii string passed as an argument.   Supports all printable characters, tab, backspace, delete, enter, and escape.   szBuffer must be a null terminated string.

Code snippet: component instance name was USB_Keyboard:

```
    CYGlobalIntEnable;
    USB_Keyboard_Start();

    USB_Keyboard_Enumerate();


    for(;;)
    {
        CyDelay(50);

        USB_Keyboard_TypeString("Hello world!    ");
    }
```