## Erlich Industrial Development, Corp.                    - Products -

**Electronics Solutions**    **Components**    **ASICs**   **PCB**   **Kits**

**EUSB to SPI**

**EUSB to SPI bus Kit**

**E**ID's **u**niversal **s**erial **b**us (EUSB) to SPI bus kit is an Electronics kit that allows you to connect your personal computer (PC) Universal serial port to SPI bus components.
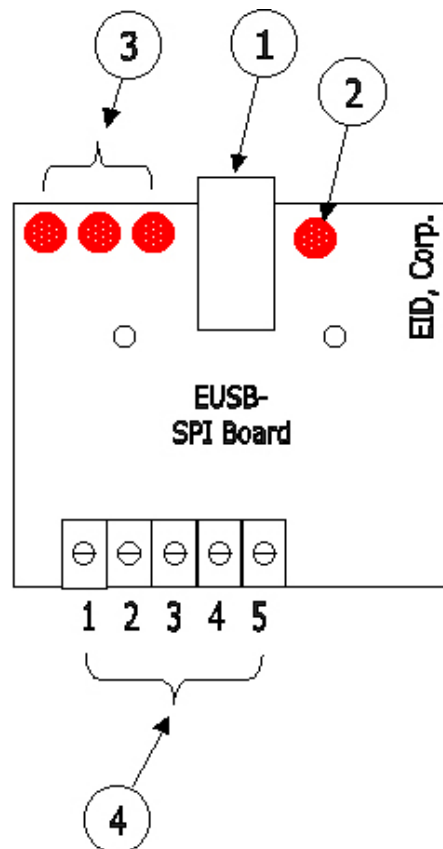
The kit is based on Cypress integrated circuit (IC), the CY7C63001.

**Note:** The CY7C63001 IC is Universal Serial Bus (USB) RISC type Micro-controller. It conforms to USB 1.5 Mbps specification, version 1.1. See USB specifications at www.usb.org for more details, or click here to download the the CY7C63001 chip data-sheet.
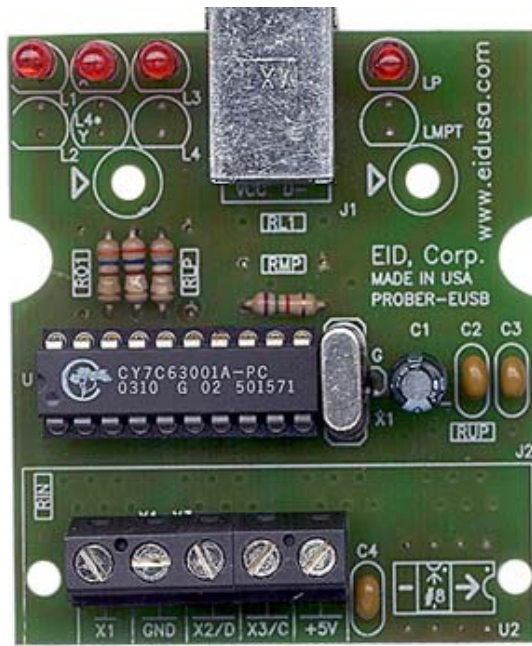
No need for external Power supply! The board is powered directly from your PC.

This unique kit design provides you with ability to wire your wires easily via terminal blocks (5). You will be able to monitor SPI components such as temperature sensors, EEPROM etc. directly from the PC

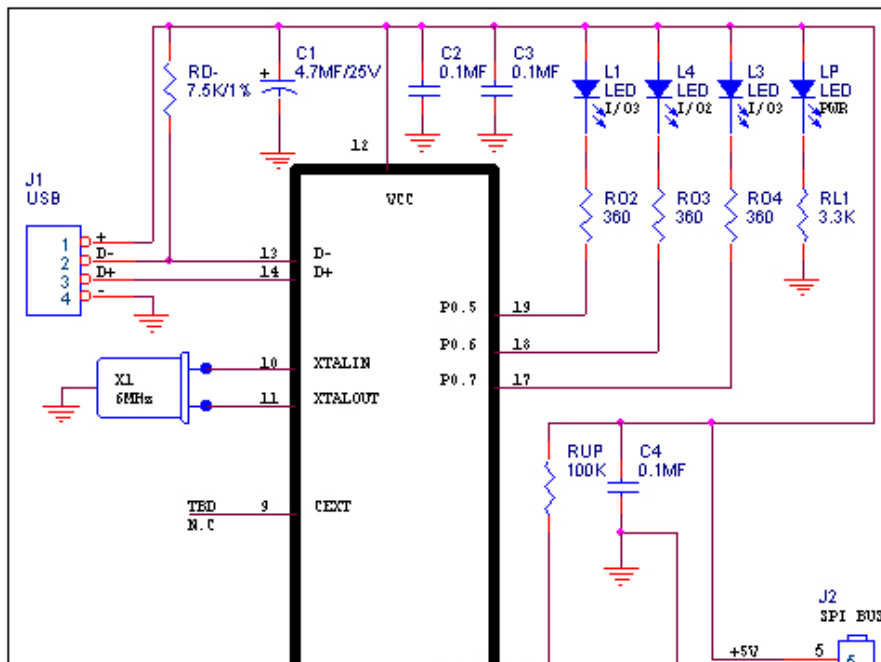Please note: EUSB wire (USB cable) is sold separately.



1. EUSB connector (connect your cable between the connector and your PC)
2. LED Power indicator
3. SPI status (From the left SPI-D-In, SPI-D-out, SPI-Clk) or general use LEDs
4. SPI connector (Pin 1 SPI-D-In, Pin 2 GND, Pin 3 SPI-D-Out, Pin 4 SPI-CLK,  Pin 5 +5VDC)
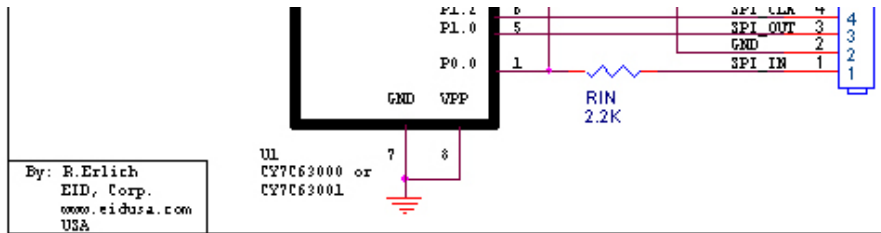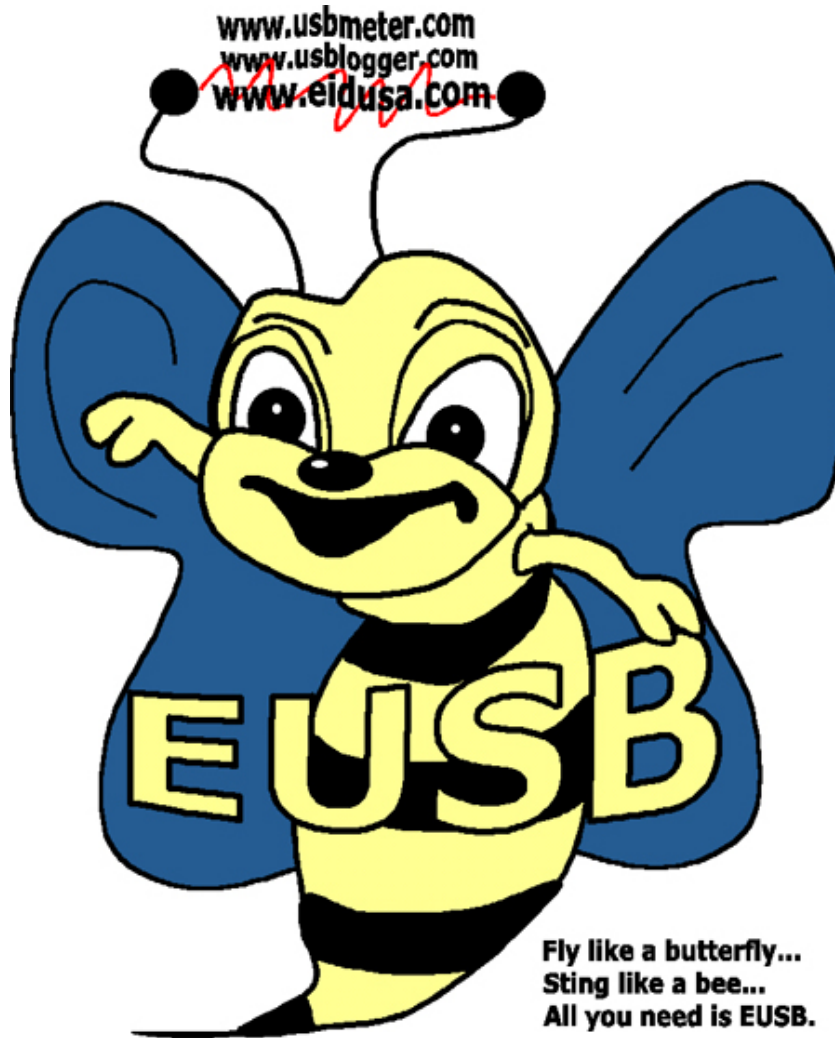
## Kit Includes:

- CY7C63001        IC               1pc.
- 7.5K Ohms        Resistor       1pc.
- 360 Ohms         Resistor       3pc.
- 3.3K Ohms        Resistor       1pc.
- 0.1MF               Capacitor     1pc.
- 2P Terminal Block   Connector     1pc.
- 3P Terminal Block   Connector     1pc.
- 4.7MF              Capacitor     1pc.
- 0.1MF              Capacitor     3pc.
- Red LED          LED         4pc.
- USB Connector            1pc.
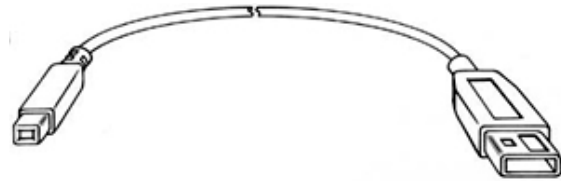- Crystal 6MZ           1pc.
- PCB                 1pc.

## Schematic:

By: R.Erlich
EID, Corp.
www.eidusa.com
USA

U1
CY7C63000 or
CY7C63001

**EUSB Basics**



www.usbmeter.com
www.usblogger.com
www.eidusa.com

Fly like a butterfly...
Sting like a bee...
All you need is EUSB.

| Description and SKU# | Price | Picture |
|---|---|---|
| **EUSB to SPI BUS Kit**<br>**EID-K-EUSB-SPIB-ASM** Fully assembled<br>**EID-K-EUSB-SPIB-PCB** PCB Only<br>**EID-K-EUSB-SPIB-KIT** Kit<br>**EID-K-EUS-BS-LIB1S** Software (Library only) | 46.00<br>15.60<br>34.00<br>12.00 |  |

**EUSB A to B Cables**
This cable is used to connect the EUSB port
to the EUSB peripheral. A male to B male.

| | |
|---|---|
| **EID-C-USB-32-930**  3′ | 9.99 |
| **EID-C-USB-32-931**  6′ | 10.99 |
| **EID-C-USB-32-932**  10′ | 11.99 |
| **EID-C-USB-32-933**  15′ | 15.99 |

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www.eidusa.com