

EUSB to I2C**EUSB to I2C bus Kit**

EID's **universal serial bus (EUSB) to I2C bus kit** is an electronics kit that allows you to connect your personal computer (PC) Universal serial port to I2C bus components.

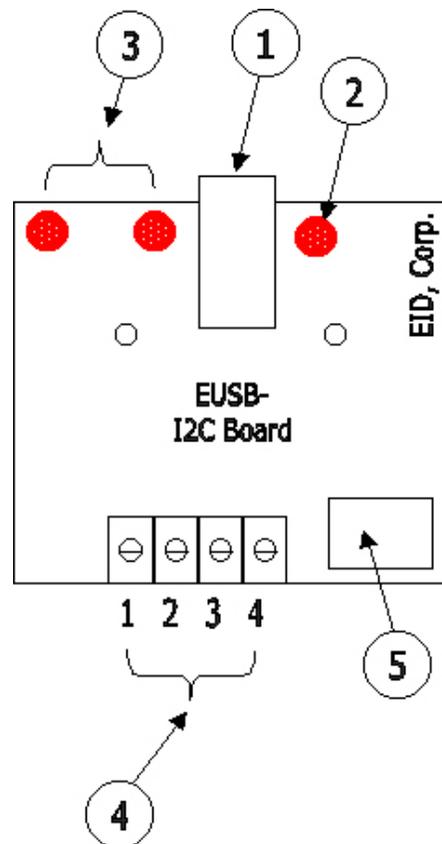
The kit is based on [Cypress](#) integrated circuit (IC), the CY7C63001.

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.

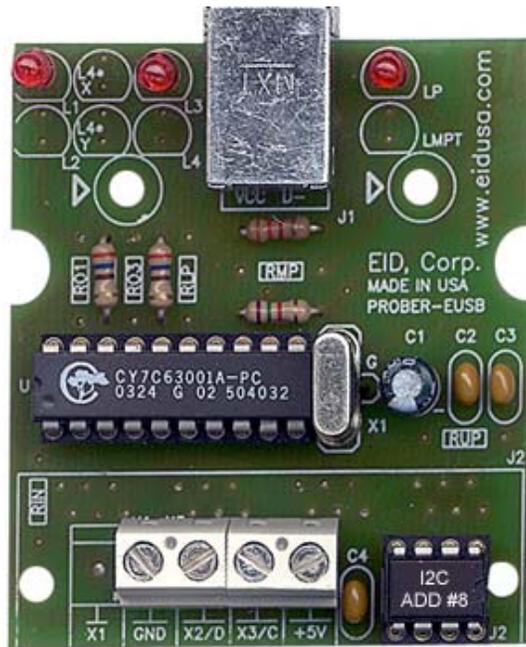
No need for external Power supply! The board is powered directly from your PC.

This unique kit design provides you with ability to wire your wires easily via terminal blocks (5). You will be able to monitor I2C components such as temperature sensors, EEPROM etc. directly from the PC

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



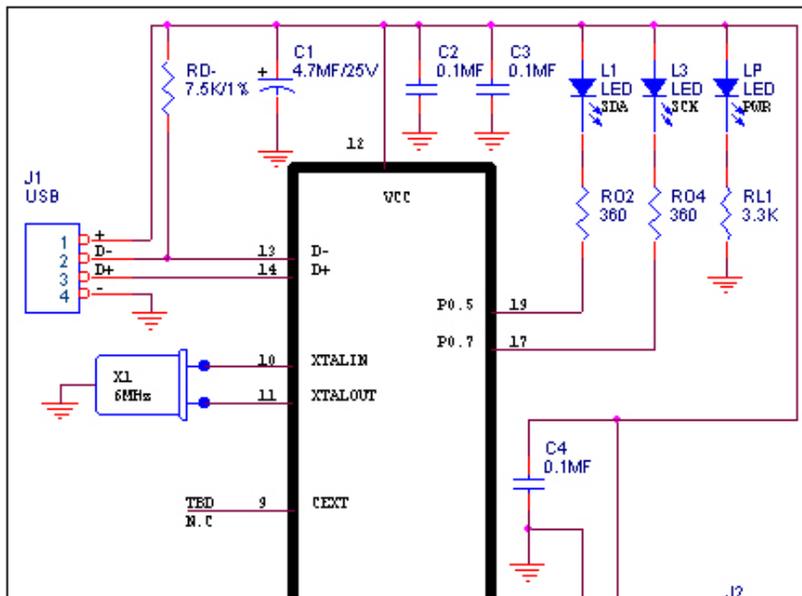
1. EUSB connector (connect your cable between the connector and your PC)
2. LED Power indicator.
3. SPI status (From the left I2C-SDA, I2C-CLK) or two general use LEDs
4. SPI connector (Pin 1 GND, Pin 2 I2C-SDA, Pin 3 I2C-CLK, Pin 4 +5VDC)

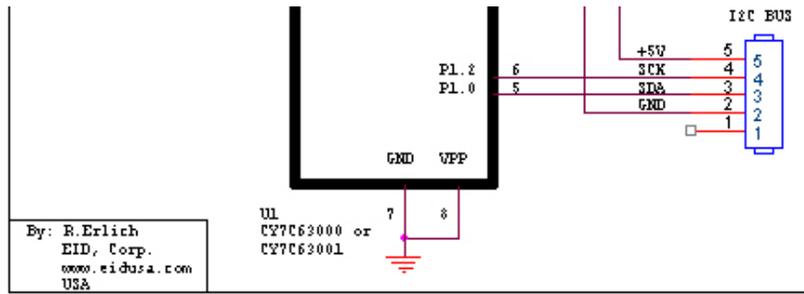


Kit Includes:

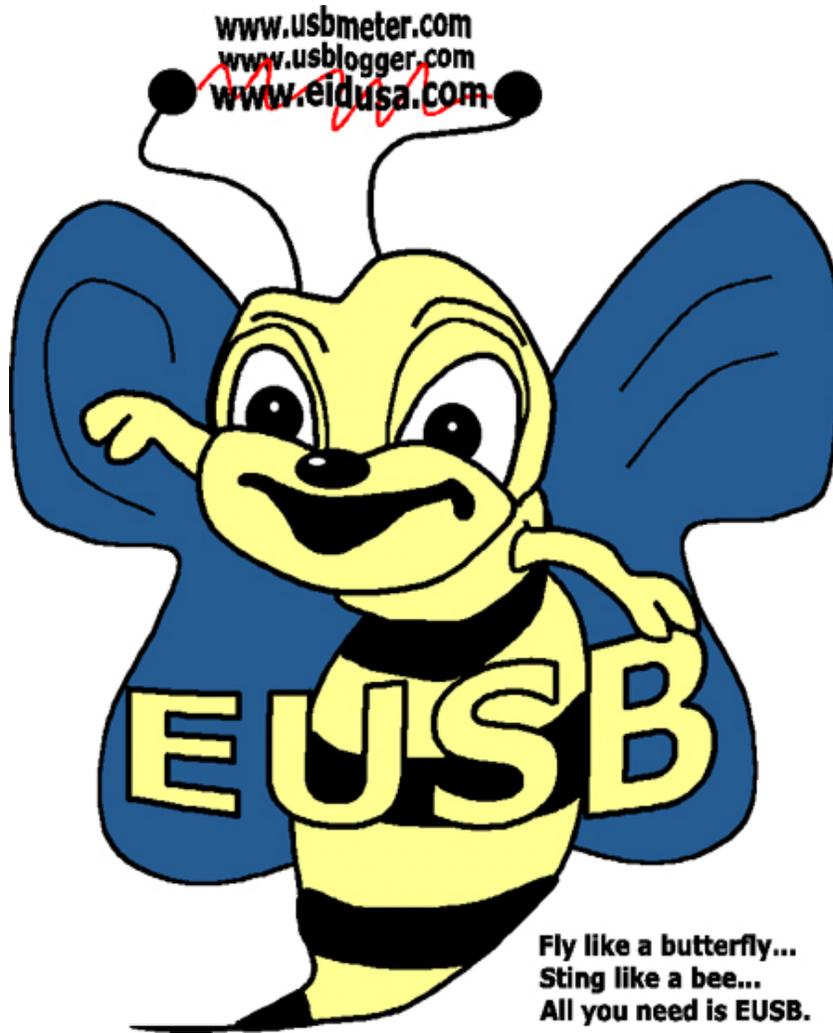
- CY7C63001 IC 1pc.
- 7.5K Ohms Resistor 1pc.
- 360 Ohms Resistor 2pc.
- 3.3K Ohms Resistor 1pc.
- 0.1MF Capacitor 1pc.
- 2P Terminal Block Connector 2pc.
- 4.7MF Capacitor 1pc.
- 0.1MF Capacitor 3pc.
- Red LED LED 3pc.
- USB Connector 1pc.
- Crystal 6MZ 1pc.
- PCB 1pc.

Schematic:

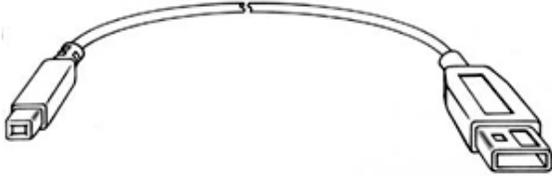
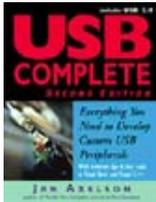




EUSB Basics



Description and SKU#	Price	Picture
EUSB to I2C BUS Kit		
EID-K-EUSB-I2CB-ASM Fully assembled	45.00	
EID-K-EUSB-I2CB-PCB PCB Only	15.60	
EID-K-EUSB-I2CB-KIT Kit	29.75	
EID-K-EUS-BS-I2CBS Software (Library only)	12.00	

		
<p>EUSB A to B Cables This cable is used to connect the EUSB port to the EUSB peripheral. A male to B male.</p> <p>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</p>		
<p>USB Complete (Second Edition) by J. Alexson EID-K-BOOK-USB-001 Regular price 49.95 EID-K-BOOK-USB-OKC w/ kit purchase 33.33</p> <p>NEW! We carry technical books... LEARN & SAVE!</p> <p>This is a "must have" book for any student or engineer. Therefore, an additional 10% off for student with student ID!</p>		
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