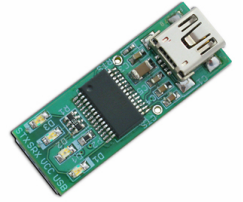


# USB Serial Interface Conn V3.0 Datasheet S27-USB-SERIAL

Last Modified 2011-12-13

Acroname Robotics  
www.acroname.com



## Features

This connector conforms to the Acroname Serial Interface Standard allowing it to be used with several different devices. The TTL side is also 3.3V tolerant if you are using lower voltage circuits than 5V. Power for the interface bridge connector circuitry is taken from the USB bus.

Four LEDs on the adapter help troubleshoot connections between a host computer and a device. Serial data being transmitted to a device is through the SRX (slave receive) connection and is also indicated with a green LED. Serial data received from a device through the STX (slave transmit) connection is also indicated with a blue LED. A VCC status,

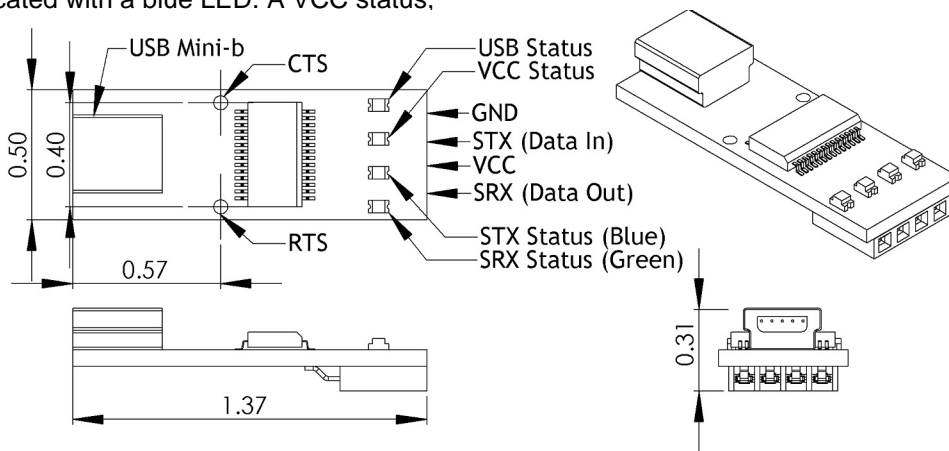
that may be used to show whether a device is powered on, is indicated with a red LED. USB status connection is shown with a yellow LED.

## Drivers

Before using the S27-USB-SERIAL, you will need to install software drivers appropriate for your operating system. Drivers are available for download for Windows and Mac OS X. Linux support is built into the kernel starting at 2.6.9 and greater.

Drivers can be downloaded from Acroname's website as well as directly from FTDI at;

<http://www.ftdichip.com/Drivers/VCP.htm>



All Dimensions are in Inches and Approximate.

The STX and SRX indicator LEDs are incorrectly labeled on the PCB silkscreen. The drawing reflects the proper assignment.