

# DEV-15096 Serial Basic Breakout

CH340C and USB-C

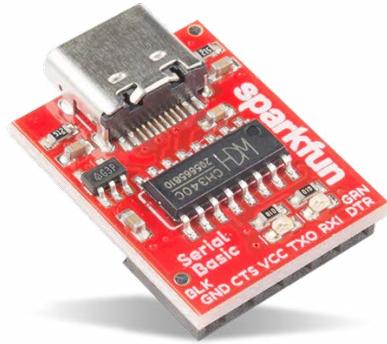
## Product Overview

12-22-2021

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

SparkFun DEV-15096 Serial Basic Breakout is a USB-to-Serial adapter based on the CH340C and takes advantage of the USB-C connector system. The Serial Basic Breakout works with 5V and 3.3V systems, and can auto install on most operating systems without additional drivers. The Serial Basic Breakout uses the CH340C integrated circuit to convert serial signals to USB. The USB-C provides up to three times the power delivery over the previous USB generation at 1.5A.



The pinout of the Serial Basic mimics the common DTR/RXI/TXO/VCC/CTS/GND pinout found on hundreds of FTDI-to-USB derivatives. It can also be used as a general serial device for debugging (such as with a GPS module). This Basic Breakout includes a jumper on the rear of the board that controls the output voltage on the VCC pin.

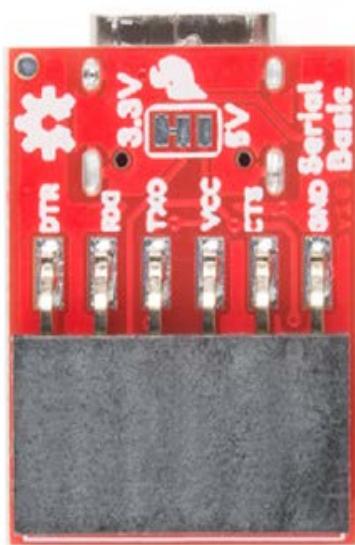
## Features

- USB-to-Serial adapter based on the CH340C
- Compatible with 5V and 3.3V systems
- Can be used as a general serial device for debugging
- Serial Basic pinout mimics the common DTR/RXI/TXO/VCC/CTS/GND pinout found on hundreds of FTDI-to-USB derivatives.

## Front And Back View



Top View



Bottom View

## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-serial-basic-breakout/>