

CH330N USB TO UART BRIDGE Documentation

March 31, 2021

Project Overview

The CH330N USB TO UART BRIDGE is a USB to serial converter based on the CH330N IC configured to work with +5V logic only. It also uses a type C port for the USB connection.

The project is open-source hardware and designed with KiCad which makes it a lot easier for the user to modify.

Project site where the design files and schematic can be found:

<https://github.com/Chromico/USB-TO-UART-BRIDGE-CH330N>

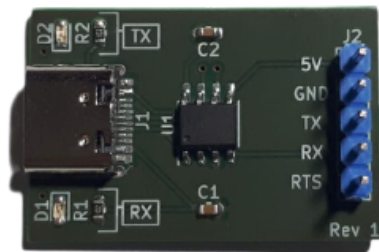
CH330N datasheet:

https://datasheet.lcsc.com/szlcsc/2008191734_WCH-Jiangsu-Qin-Heng-CH330N_C108996.pdf

Official CH330N Drivers from the manufacturer:

http://www.wch.cn/downloads/CH341SER_EXE.html

Final Board Pics



Specifications

- USB Type C connector for communication
- PCB size (20mm x 30mm)

