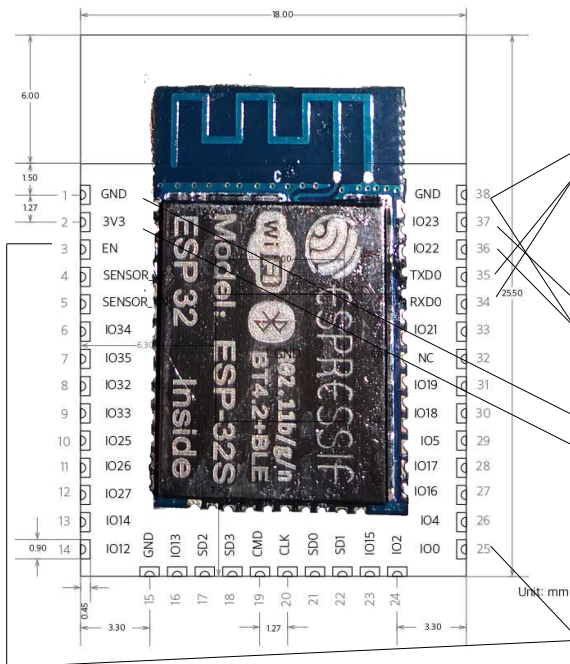


# + ARDUINO + APA102

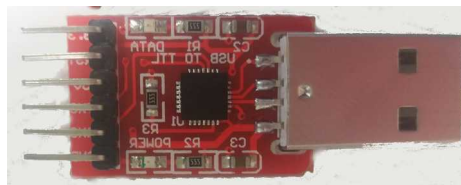


Source: Espressif  
ESP32 WROOM Datasheet

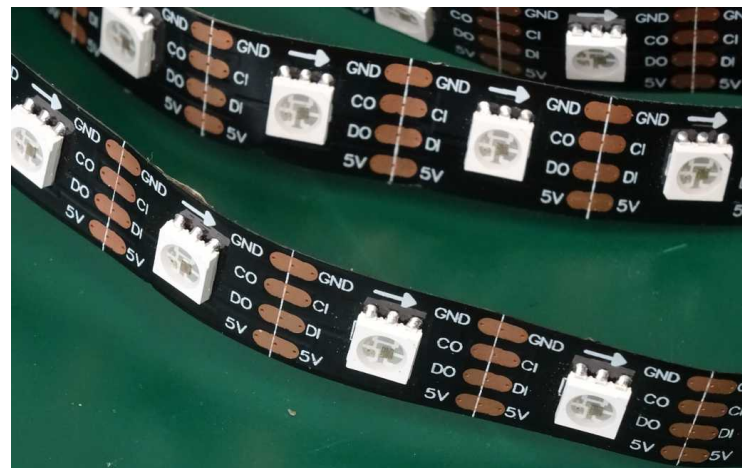
RX  
TX  
GND

sample configuration

IO23 DI  
IO22 CI  
GND GND  
3V3 VCC  
1k $\Omega$  (- 10k $\Omega$ )  
EN Reset  
IO0 Flash



UART to USB (i.e. CP2102 or FT232R - FTDI)



APA102 Strip

pcbreflux