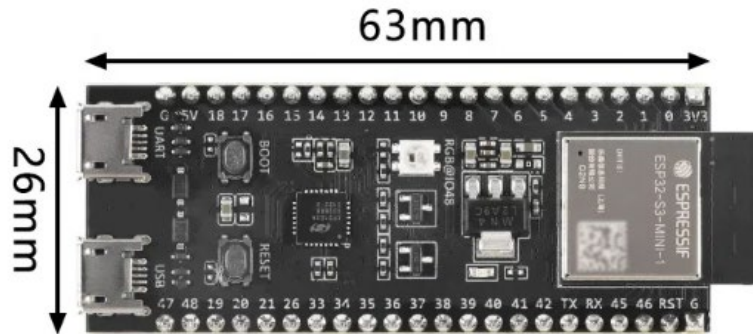
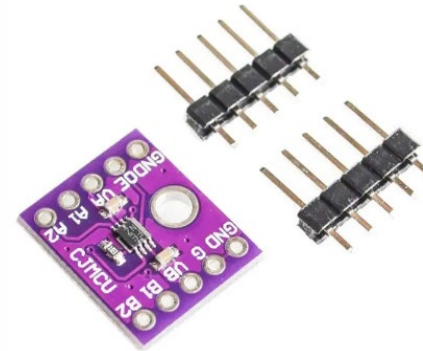


# Modules

- [ESP32-S3-DevKitM-N8-1](#)



- [TXS0102 Module](#)



- [FTL232RL Module](#)



- TCA6408A Module (self-designed)



IO Level Shifter

- [EV\\_MOD\\_CH101\\_03\\_01](#)



- FFC 8 Pin 0.5mm Board



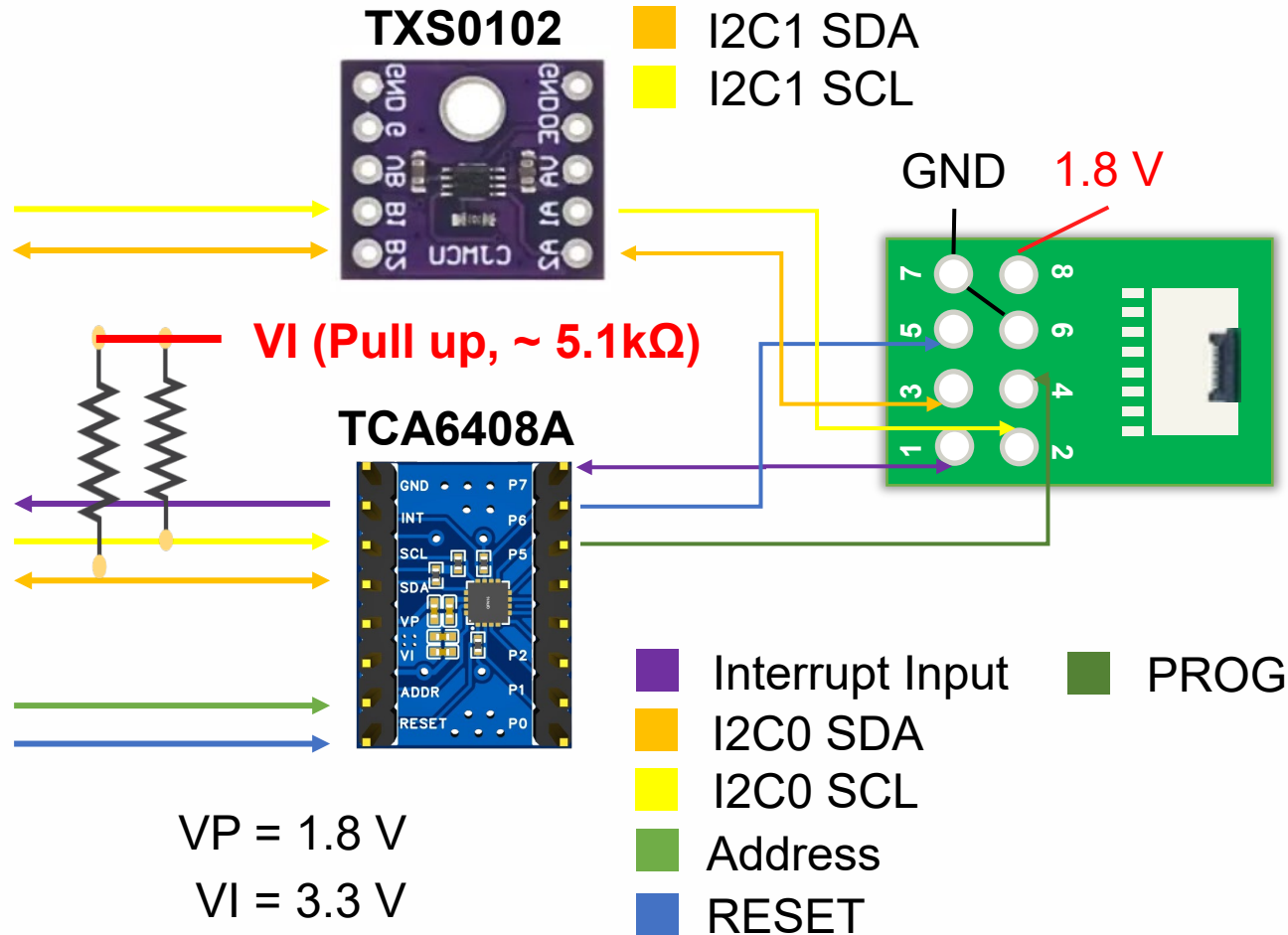
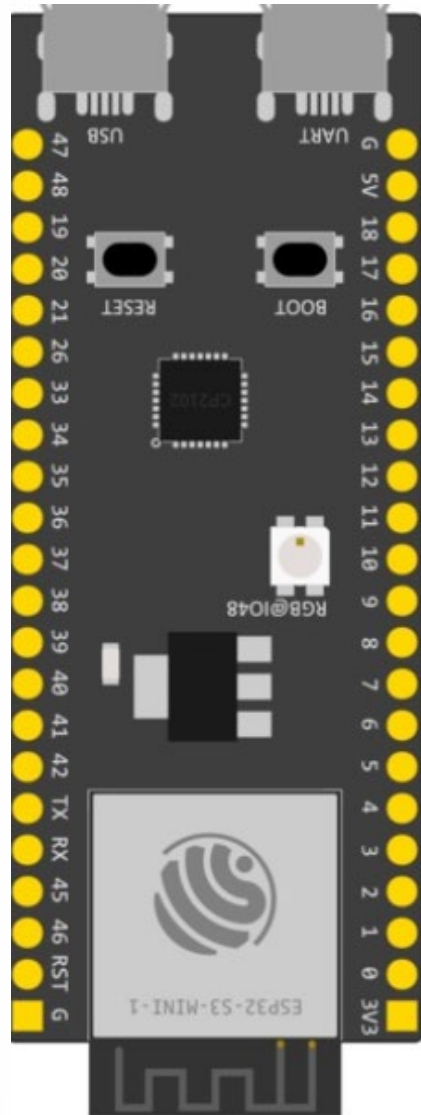
All GND connect to esp32 ground

OE = 1.8 V

VA = 1.8 V

VB = 3.3 V

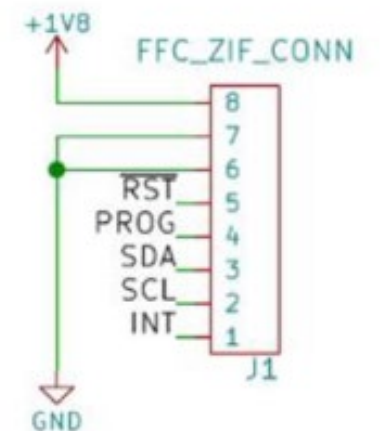
You should add some capacitors on power bus (several uF)



VP = 1.8 V

VI = 3.3 V

To EV\_MOD\_CH101\_03\_01  
FFC Connector





# Setting Diagram

