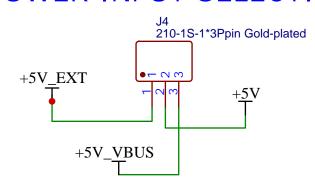
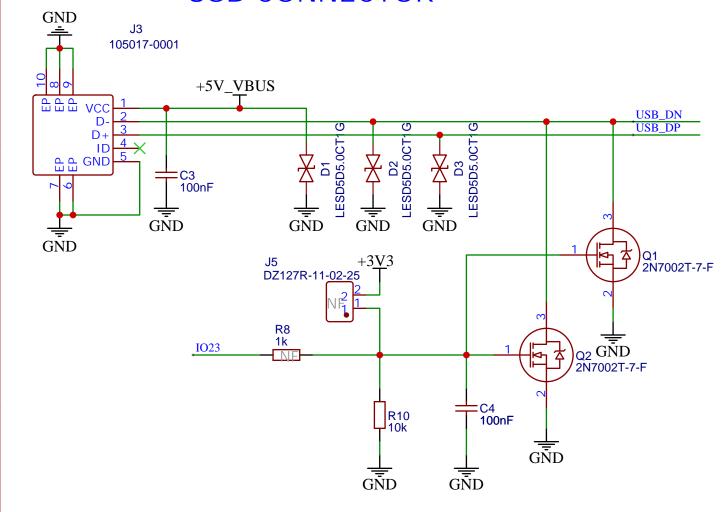
## ESP32

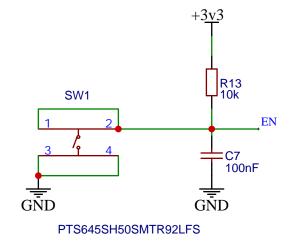
### POWER INPUT SELECTION



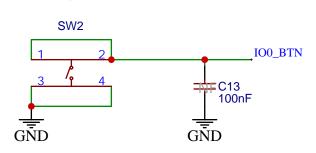
## **USB CONNECTOR**



## **RESET BUTTON**



## **USER/BOOT BUTTON**



PTS645SH50SMTR92LFS ESP32 Schematic: https://dl.espressif.com/dl/schematics/esp32\_devkitc\_v4\_sch.pdf

ESP32 module datasheet: https://www.espressif.com/sites/default/files/documentation/esp32-wroom-32e\_esp32-wroom-32ue\_datasheet\_en.pdf ESP32 S2 Schematic: https://dl.espressif.com/dl/schematics/SCH\_ESP32-S3-DEVKITM-1\_V1\_20210310A.pdf

+3V3

GND GND

# 5V TO 3.3V U1 AMS1117-3.3\_C347222 를 GND GND GND

**ESP32 MODULE** 

SENSOR\_VP TXD0

O33

15 GND 16 1013

GND

IO13

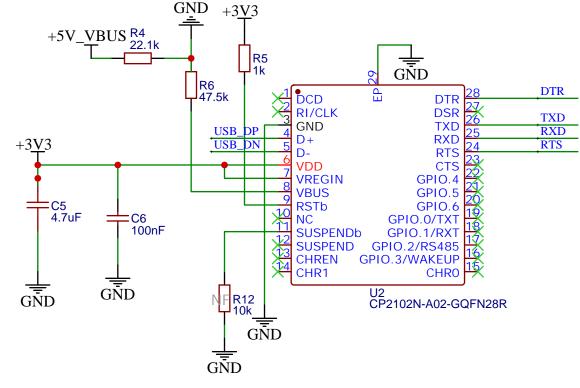
GND

1015

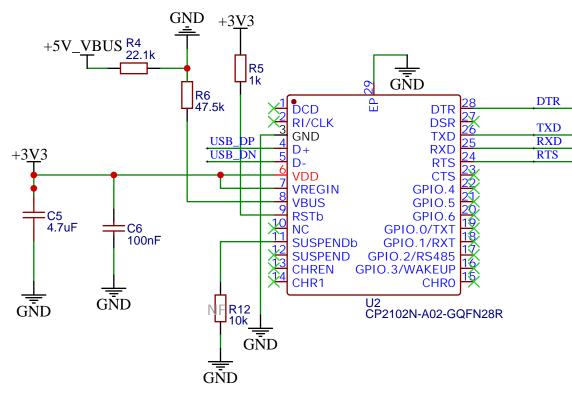
GND



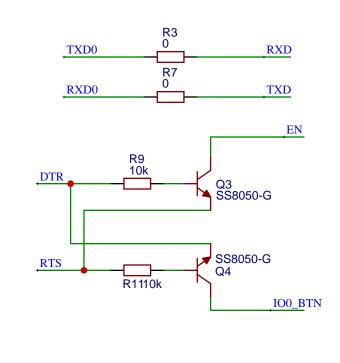
## **USB TO SERIAL**



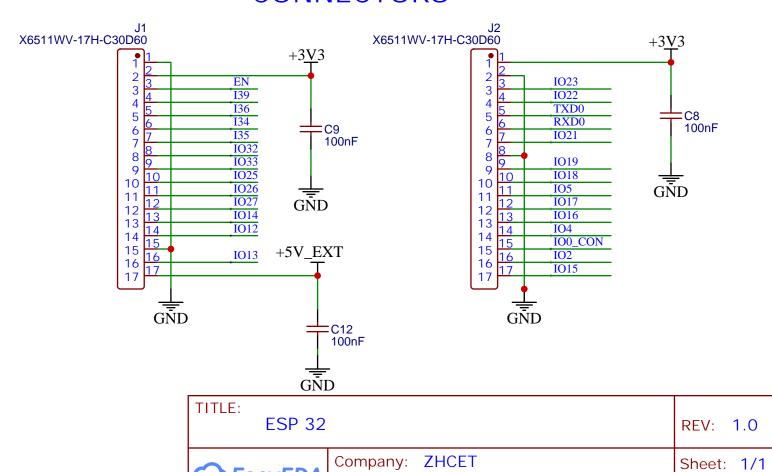
IO0\_CON



## SERIAL SIGNALS HANDLING



## **CONNECTORS**



Date: 2024-12-15

Drawn By: mohdzaidali2006

**EasyEDA**