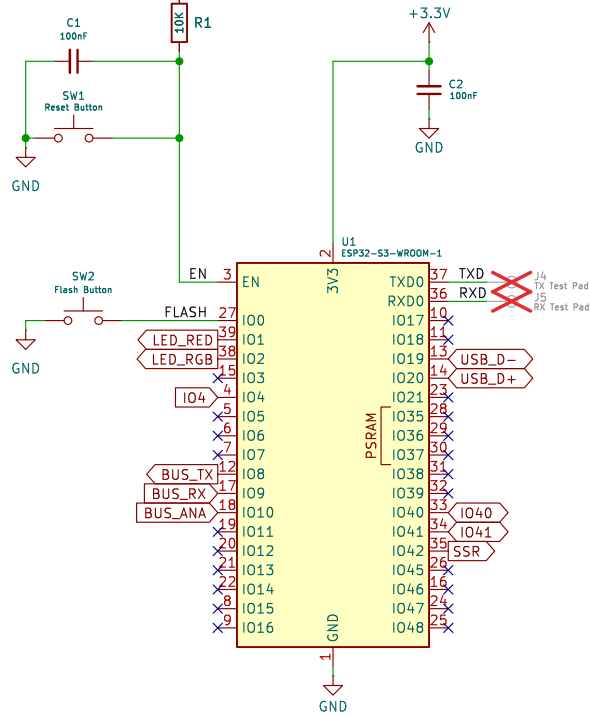
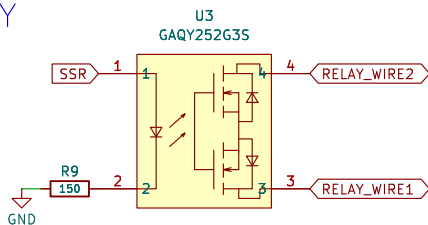


## ESP32-S3



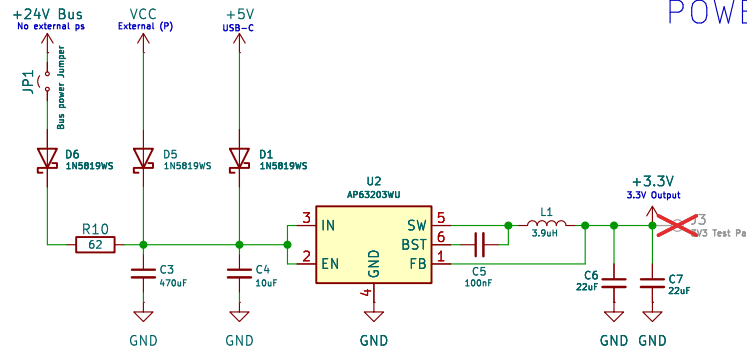
## RELAY



## POWER FLAGS

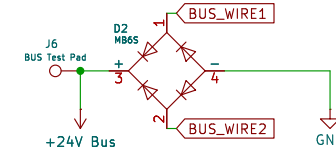


## POWER

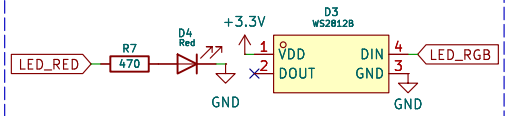


## BRIDGE RECTIFIER

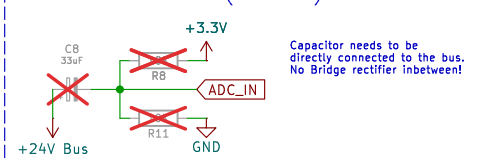
Fix Bus Wire polarity



## STATUS LEDs

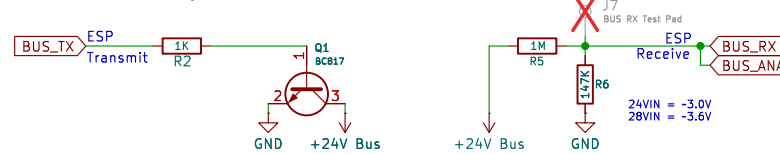


## BUS AUDIO (TEST)

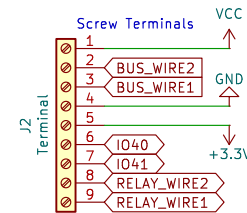
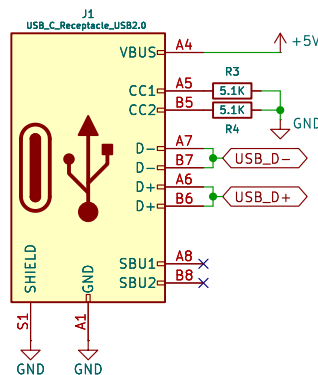


## BUS COMMUNICATION

BC817 shorts the bus to ground for a few ms



## CONNECTORS



TC:Bus Intercom Gateway

Sheet: /  
File: doorman.kicad\_sch

**Title: Doorman S3**

Size: A4 Date: 2025-10-28

KiCad E.D.A. 9.0.5

**Rev: 1.6**

Id: 1/1