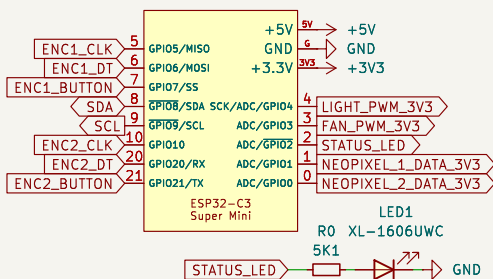
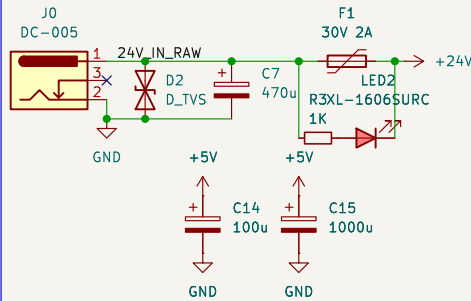


## Microcontroller

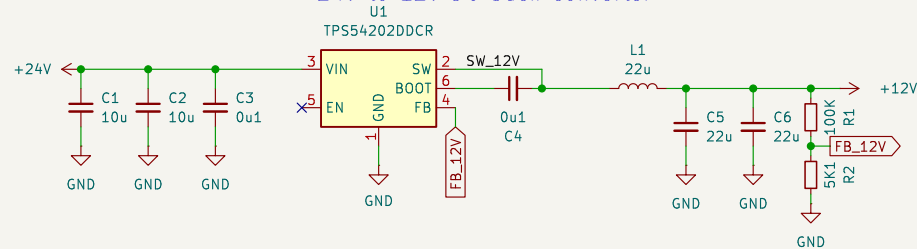
SM1



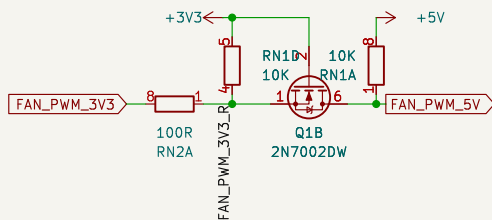
## Power input



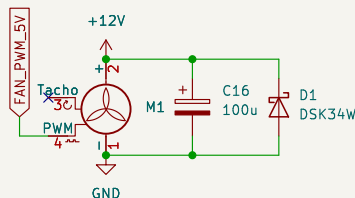
## 24V to 12V DC buck converter



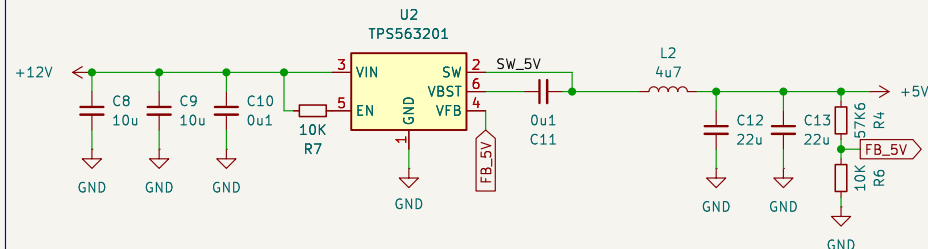
## Logic level translation, filtering



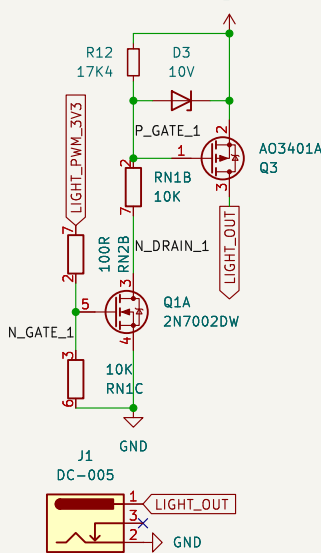
## 12V Fan



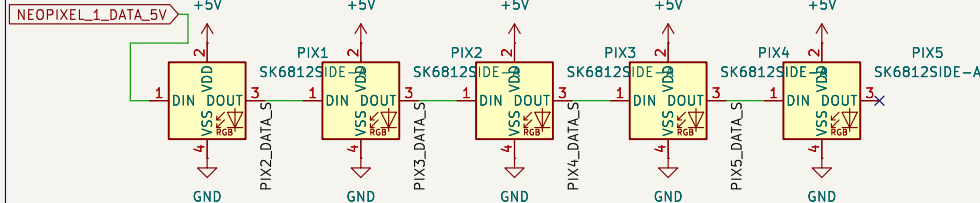
## 12V to 5V DC buck converter



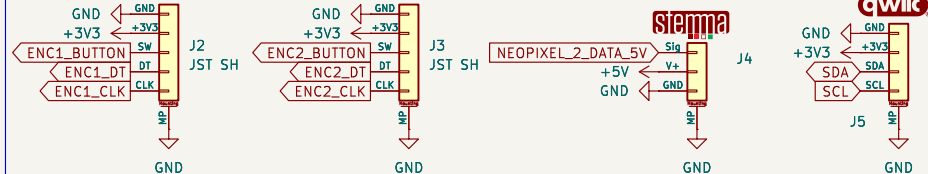
## 24V LED



## Onboard Neopixels



## Pins and Connectors



PWR\_FLAG → +24V  
PWR\_FLAG → +12V  
PWR\_FLAG → +5V  
PWR\_FLAG → +3V3  
PWR\_FLAG → GND

Sheet: /  
File: esp-3dp.kicad\_sch

Title:

Size: A4

KiCad E.D.A. 8.0.8

Date:

Rev:

Id: 1/1

