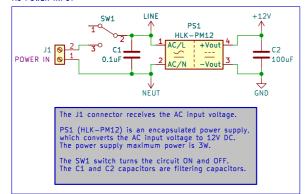
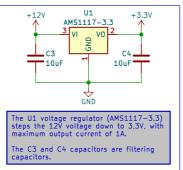
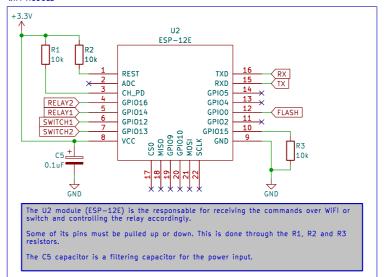
## AC POWER INPUT



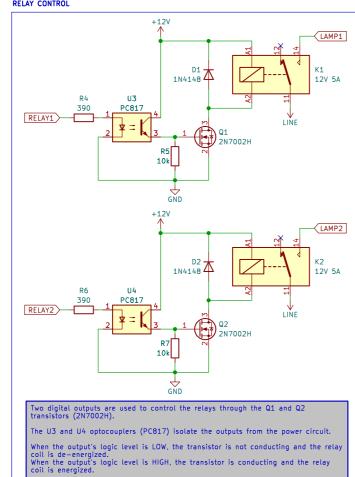
## 12V TO 3.3V REGULATION



### WIFI MODULE

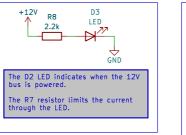


## RELAY CONTROL

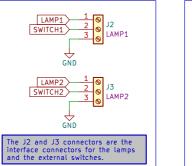


The R5 resistor limit the optocoupler input current. The R6 resistor pull the transistor gate down. The D1 diode act as a flyback diode.

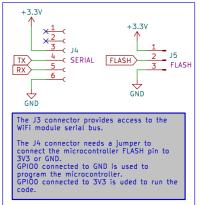
# POWER LED



## LAMP CONNECTOR



## PROGRAMMING CONNECTORS



Alan Carvalho

Sheet: /
File: lamp\_module\_x2.kicad\_sch

Title: Lamp Module X2 Size: A3 Date: 2024-05-09 KiCad E.D.A. kicad 7.0.8