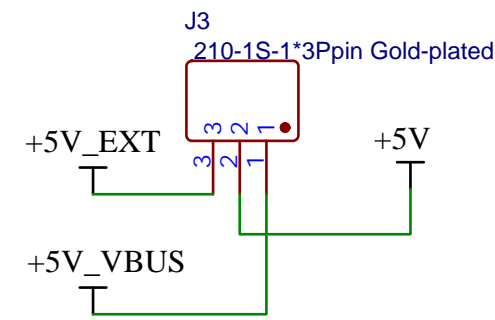
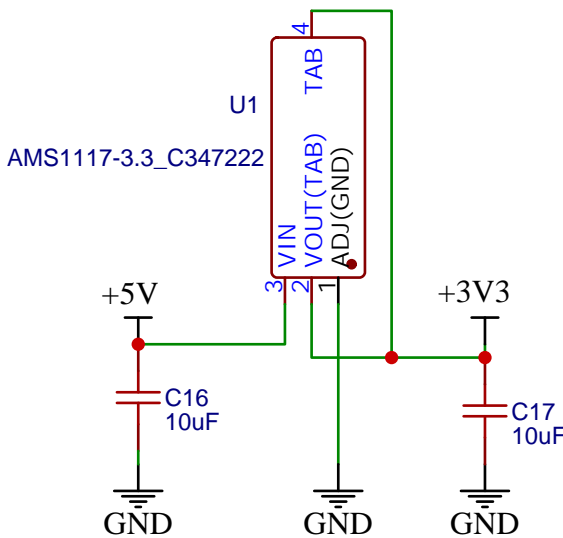


# ESP32 Greenhouse Sensor Node

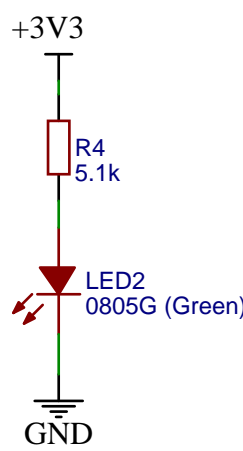
## Power Input Selection



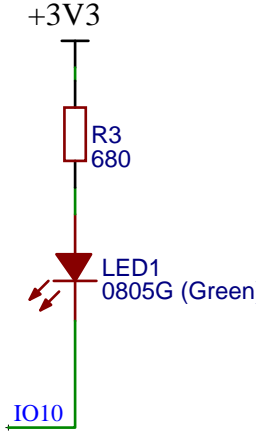
## 5V to 3.3V



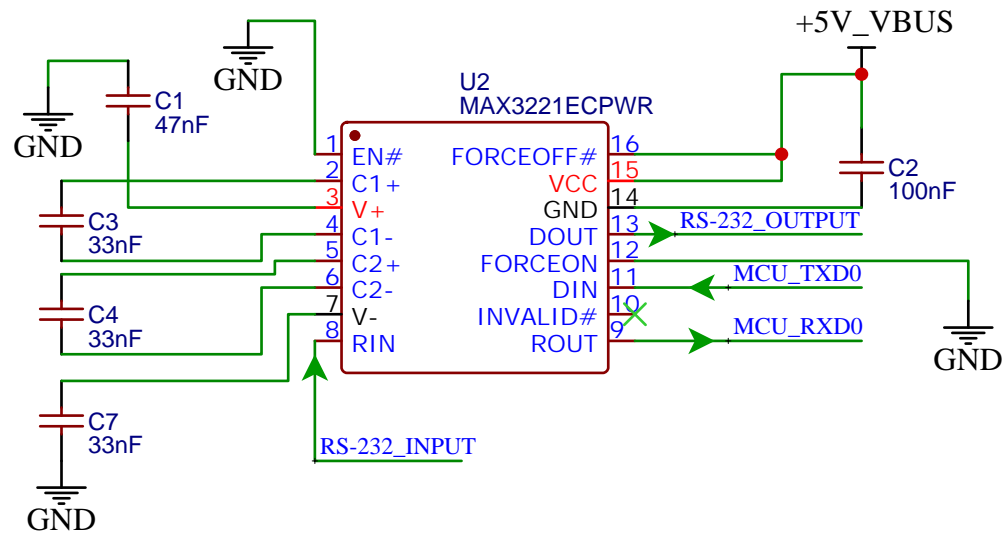
## POWER LED



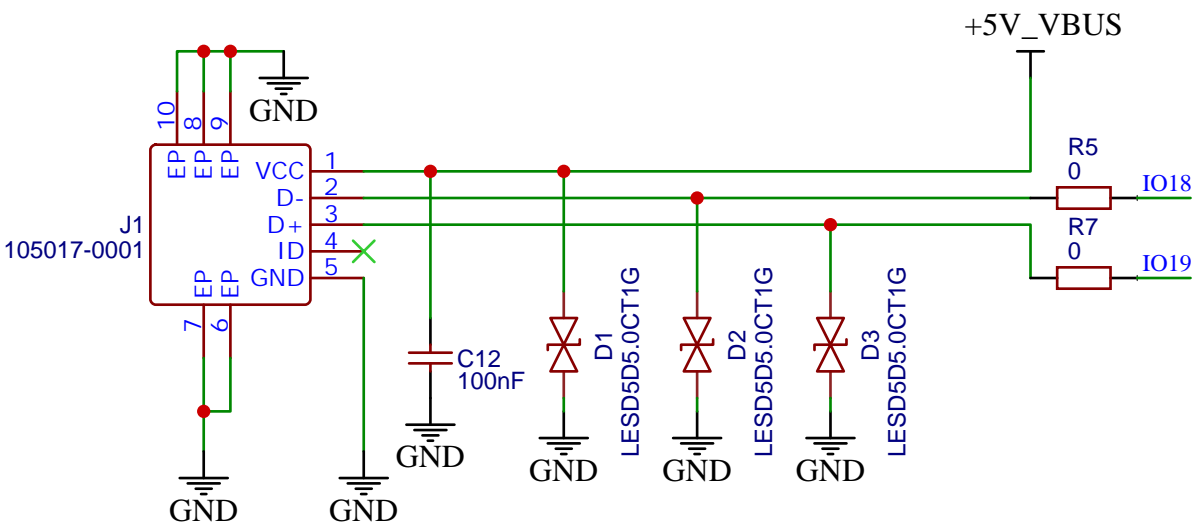
## USER LED



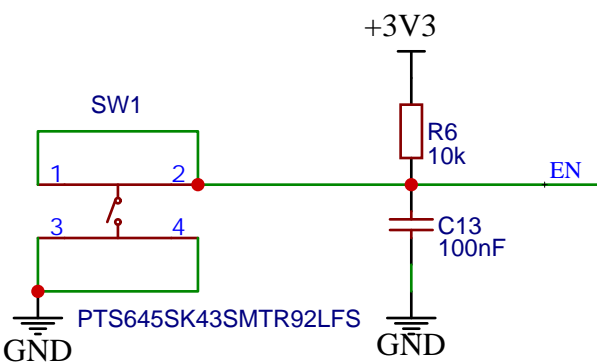
## UART to RS232



## USB CONNECTOR

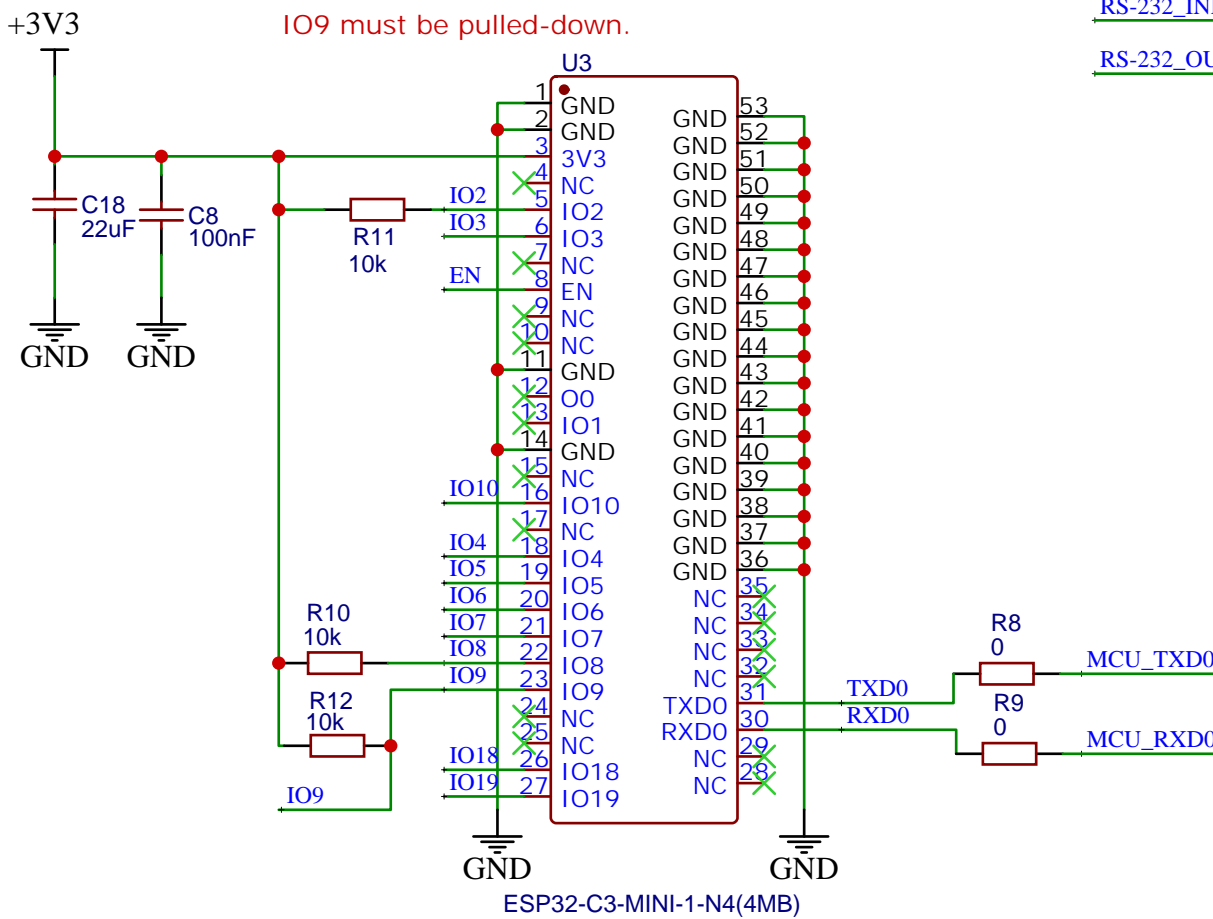


## RESET BUTTON

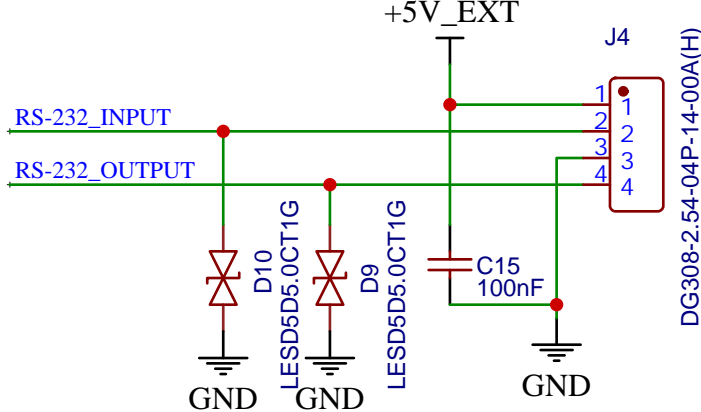


## ESP32-C3-MINI-1-N4

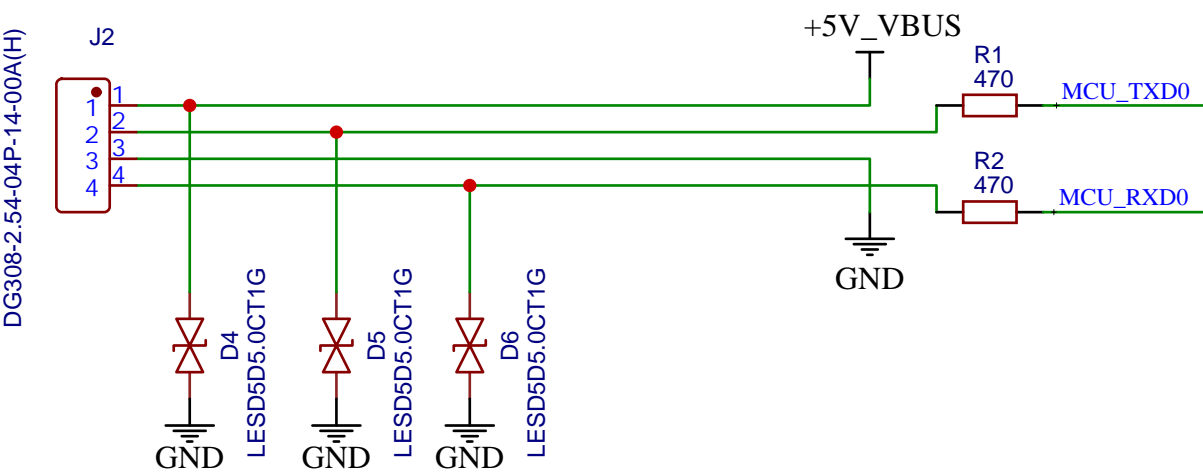
For SPI Boot,  
IO2/IO8/IO9 must be pulled-up.  
For Firmware Download,  
IO9 must be pulled-down.



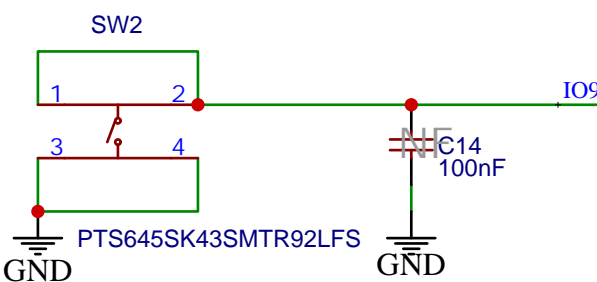
## RS232 Connector



## Auxiliary UART

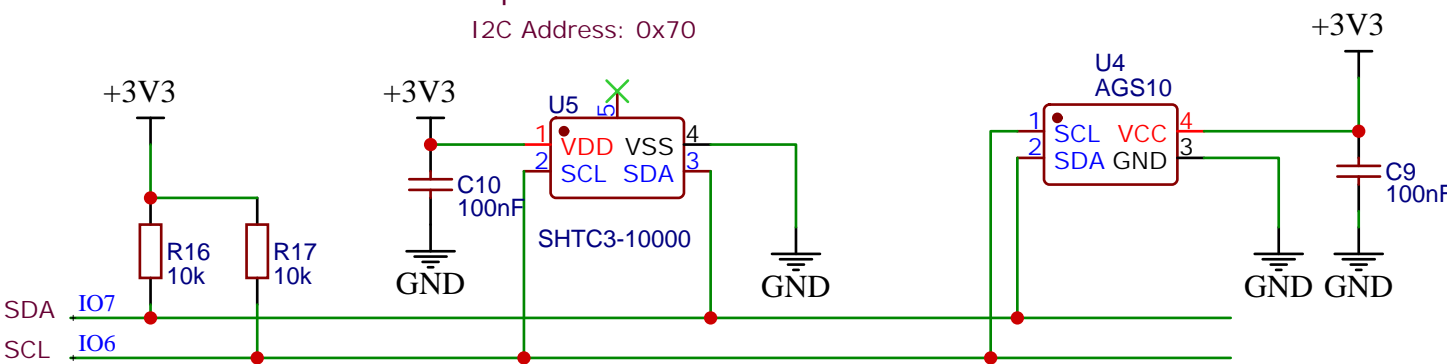


## BOOT/USER BUTTON



## I2C BUS

Temp/Hum Sensor  
I2C Address: 0x70



## Ambient Light Sensor

