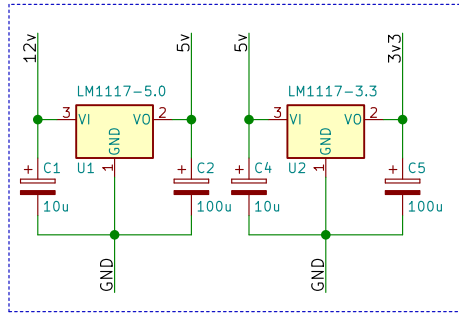
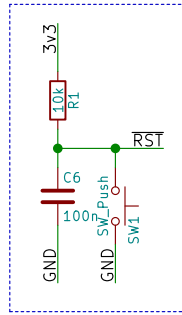


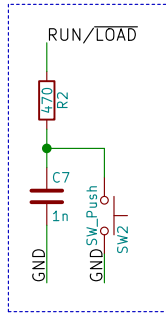
Check power up reset/run circuit from datasheet



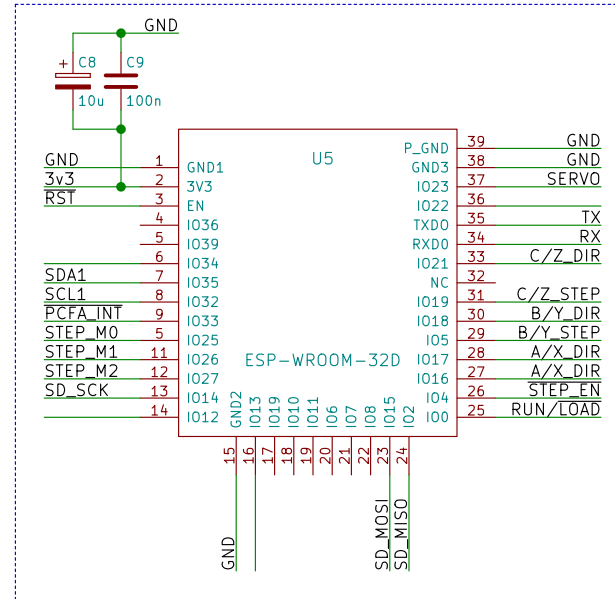
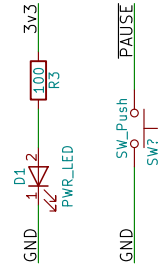
## Power Supply



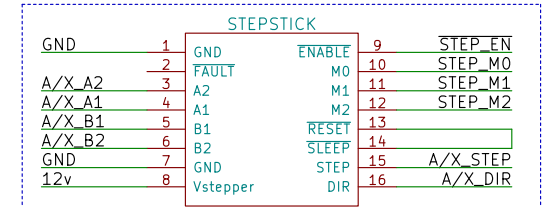
### Reset circuit



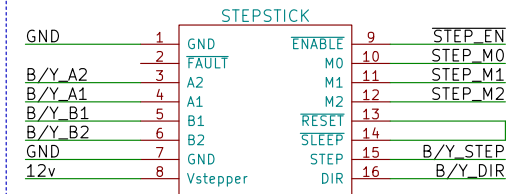
## Boot Mode



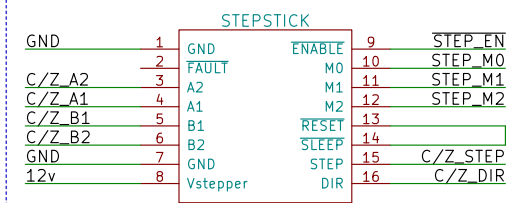
ESP-WROOM-32



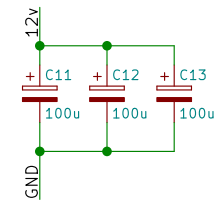
U6



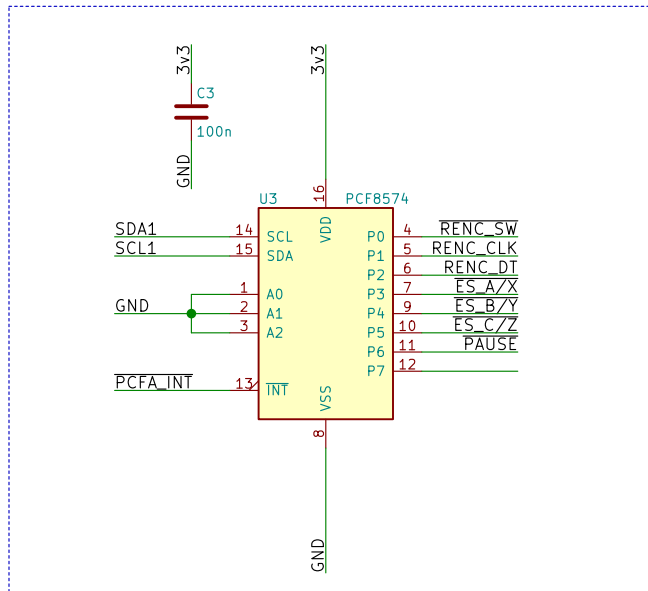
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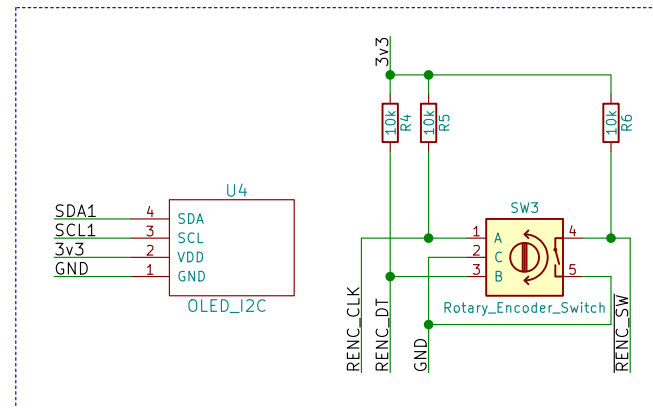
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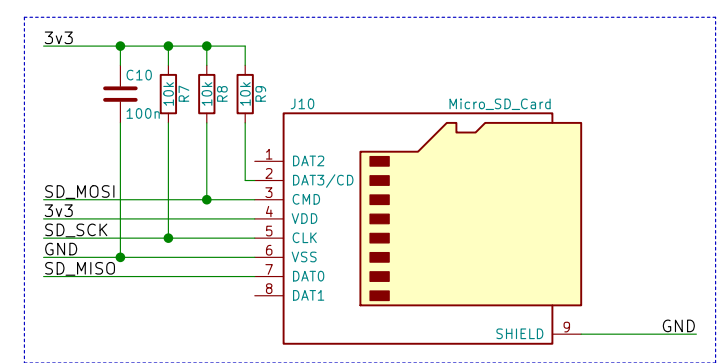
## Stepper Drivers



## I2C GPIO Expander (PCF8574)

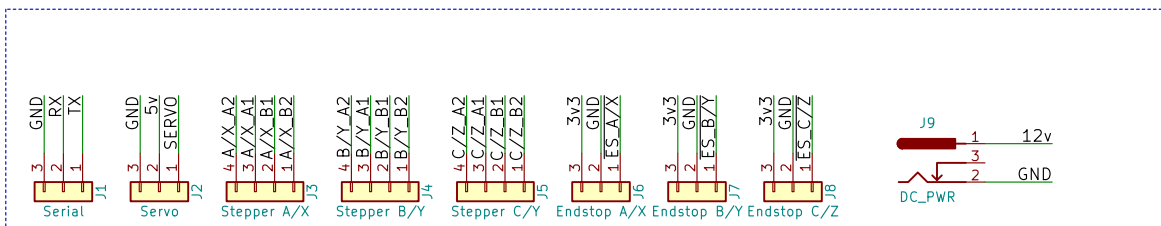


## OLED Display and Rotary Encoder



SD Card

## Connectors



Pinout is a bit more realistic, still need to check that pins can all function as required.  
Pre-release test layout, pin outs are not set in stone or even correct at this point.  
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Mark Benson

Sheet: /  
File: esp32\_stepper\_board.sch

**Title: ESP32 Hanging V Plotter Drawing Machine Driver Board**

Size: A3	Date: 2018-03-06
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KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1
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Rev: 0.2A

Id: 1/1