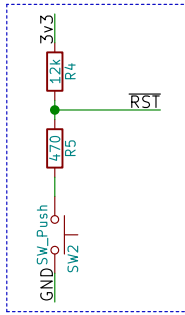
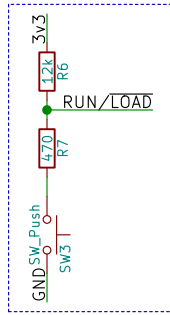


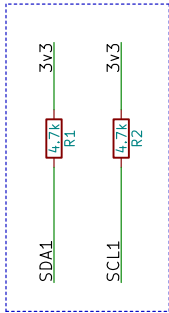
Power Supply



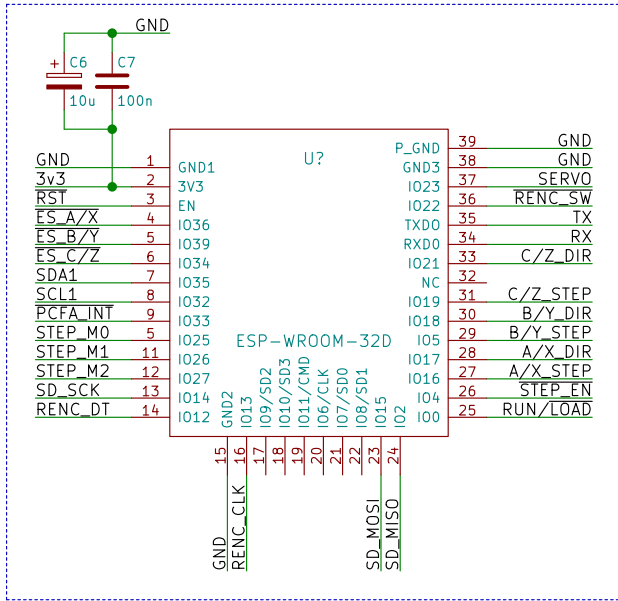
Reset circuit



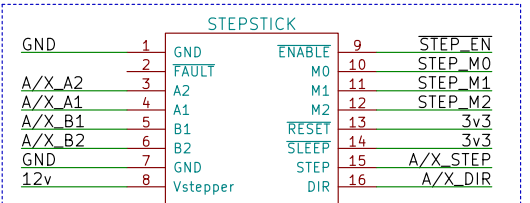
Boot Mode



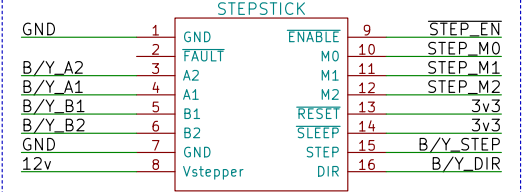
I2C Pull-up



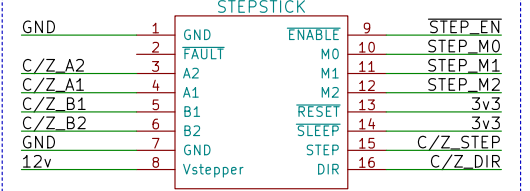
ESP-WROOM-32



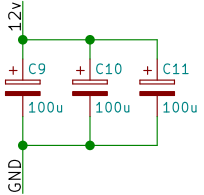
U6



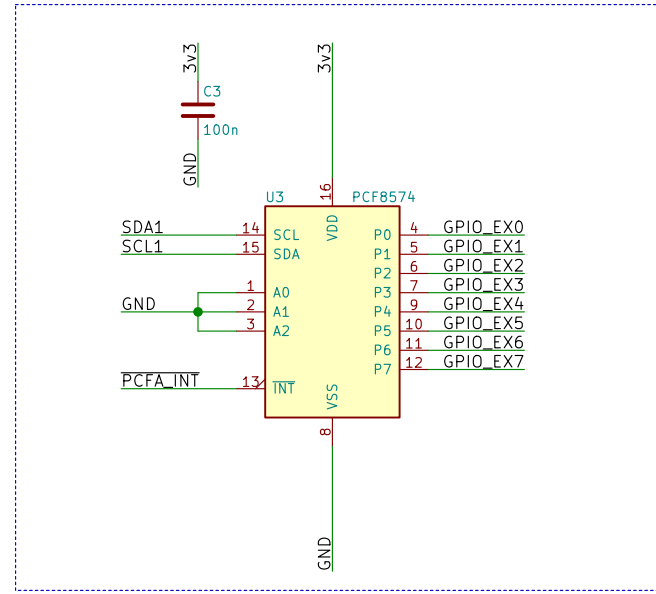
U7



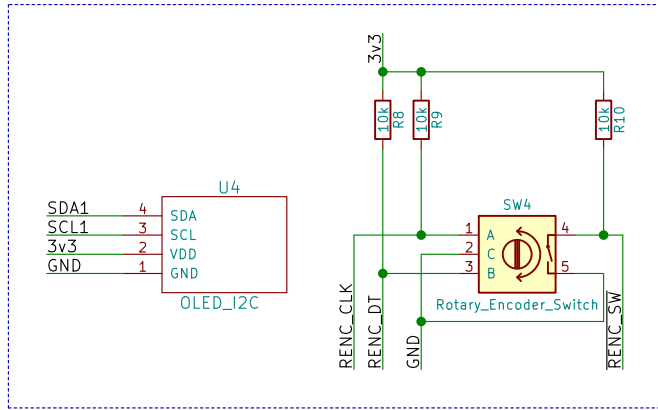
U8



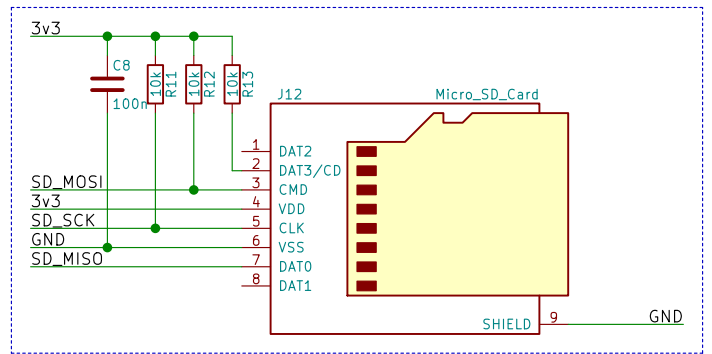
Stepper Drivers



I2C GPIO Expander (PCF8574)

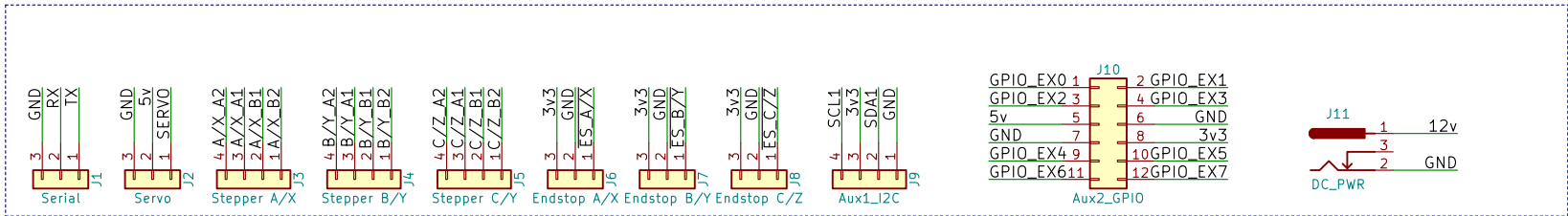


OLED Display and Rotary Encoder



SD Card

Connectors



Needs discussion to check I haven't missed anything important.
Pinout is a bit more realistic, some pin checking done.
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: 2018-03-07 Rev: 0.3A
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1 Id: 1/1