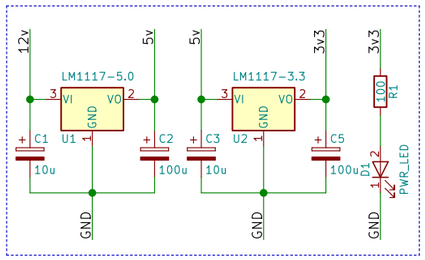
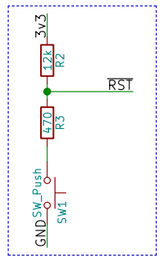
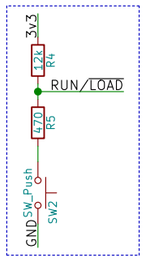


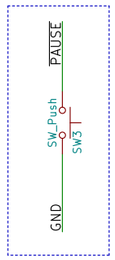
Power Supply



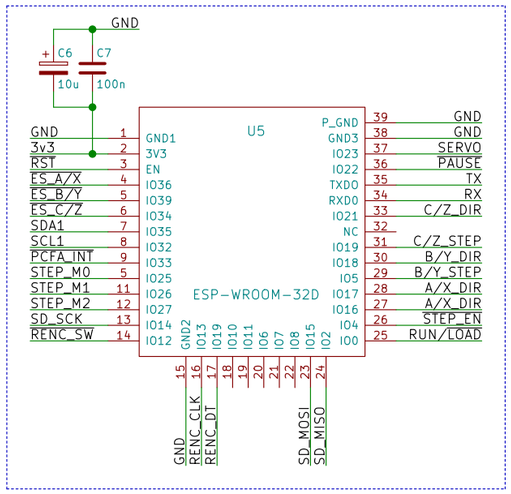
Reset circuit



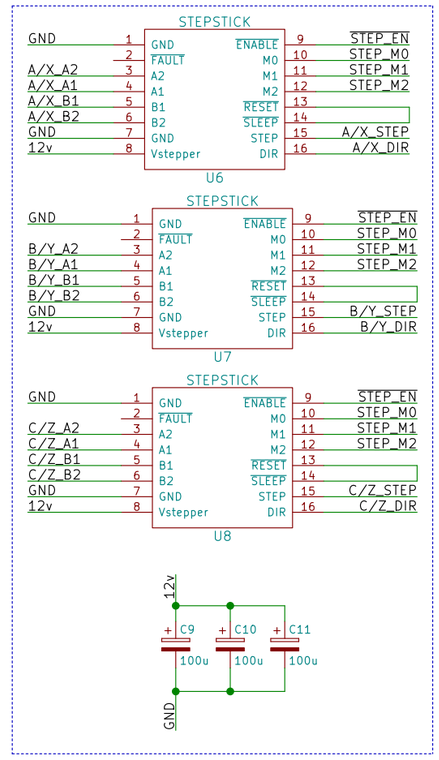
Boot Mode



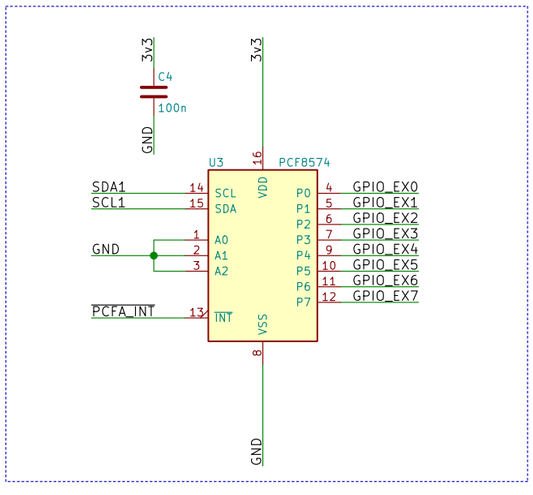
Pause button?



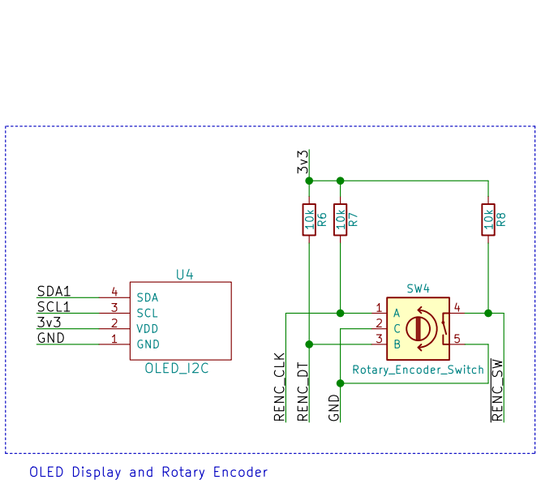
ESP-WROOM-32



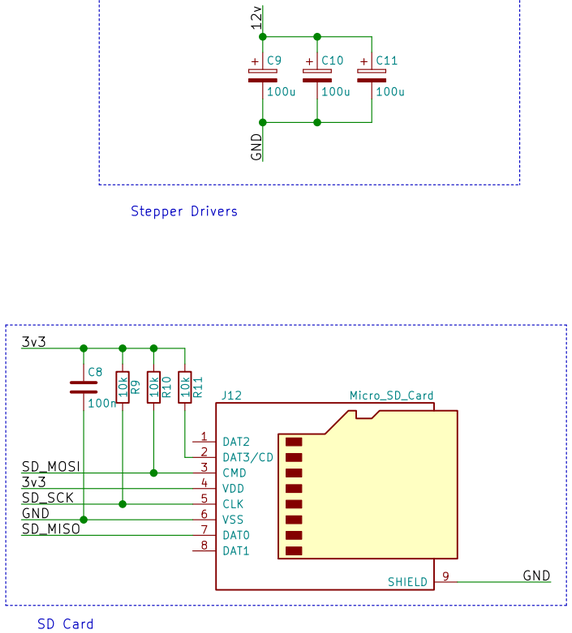
Stepper Drivers



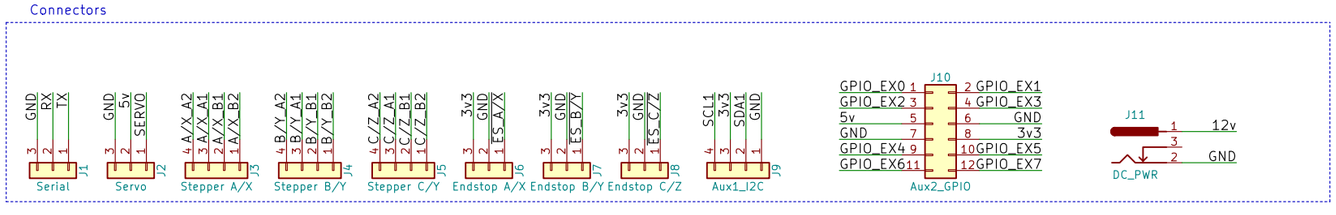
I2C GPIO Expander (PCF8574)



OLED Display and Rotary Encoder



SD Card



Pinout is a bit more realistic, some pin checking done. Needs discussion to check I haven't missed an
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