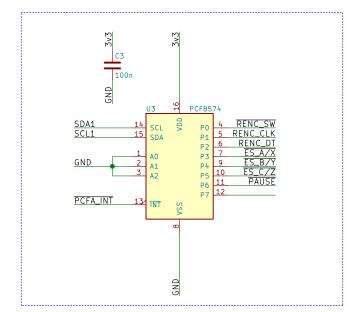
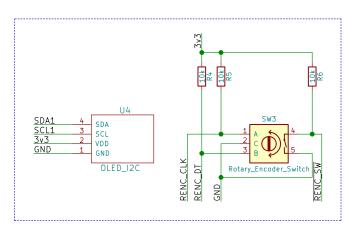


ESP-WROOM-32

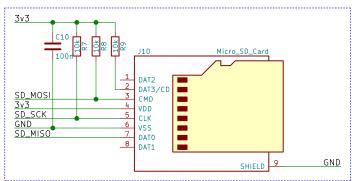


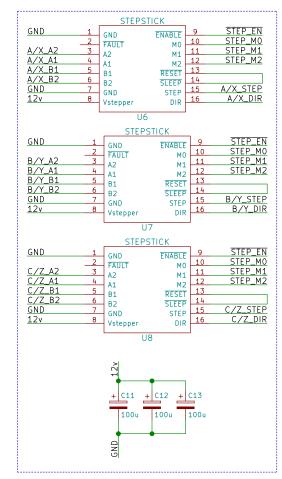
I2C GPIO Expander (PCF8574)



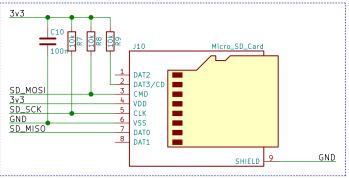
OLED Display and Rotary Encoder

SD Card





Stepper Drivers



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. Licence CC BY-SA 3.0

## Mark Benson

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

Title: ESP32 Hanging V Plotter Drawing Machine Driver Board

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

Connecto	rs								
GND	GND 5v SERVO	A/X A2 A/X A1 A/X B1 A/X B2	B/Y A2 B/Y A1 B/Y B1 B/Y B2	C/Z A2 C/Z A1 C/Z B1 C/Z B2	3v3 GND ES A/X	3v3 GND ES_B/Y	3v3 GND ES C/Z	J9 1 3	<u>12v</u>
Serial	Servo	Stepper A/X	Stepper B/Y	Stepper C/Y	Endstop A/X	Endstop B/Y	Endstop C/Z	DC_PWR	<u>GND</u>