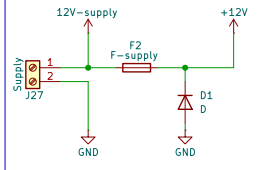
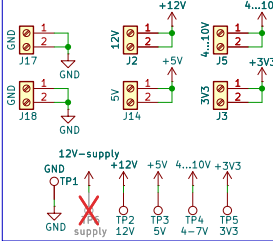


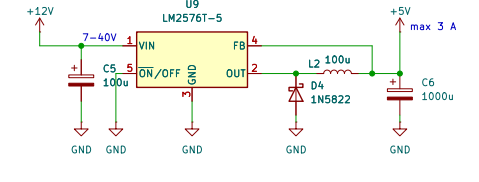
12V Supply



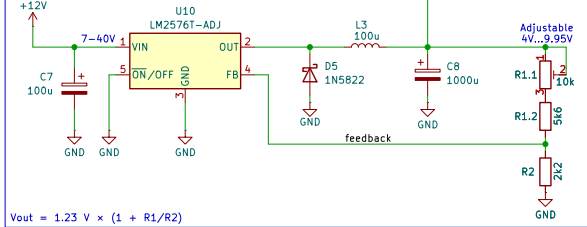
Power terminals, testpoints



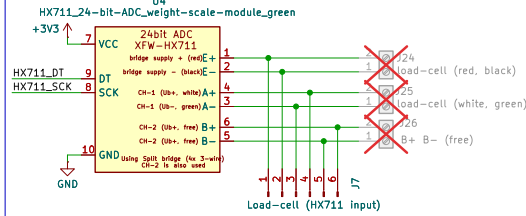
5V Supply (buck converter)



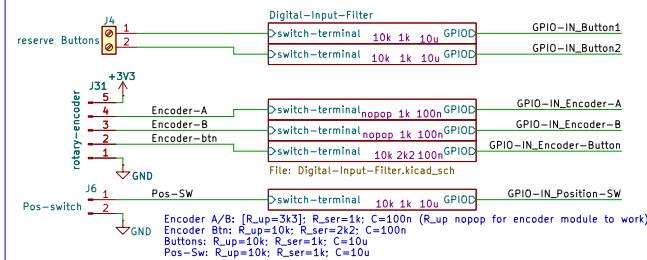
Adjustable Servo Power Supply 4.4-10 V (Buck Converter)



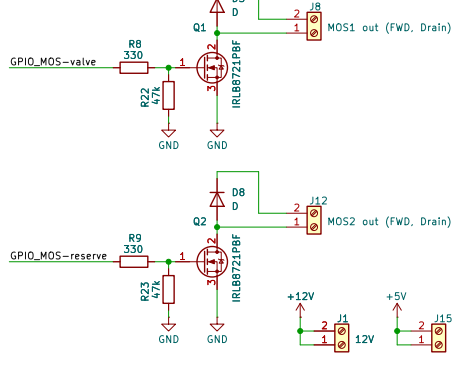
Load-Cell



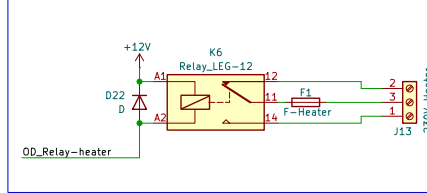
Digital inputs (buttons, switches, encoder)



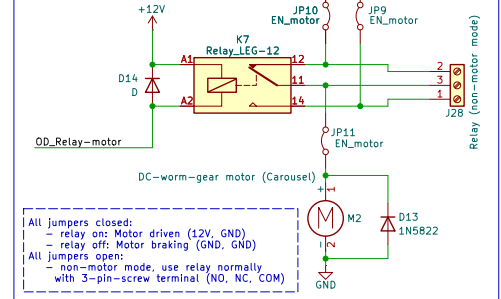
2x MOSFET out



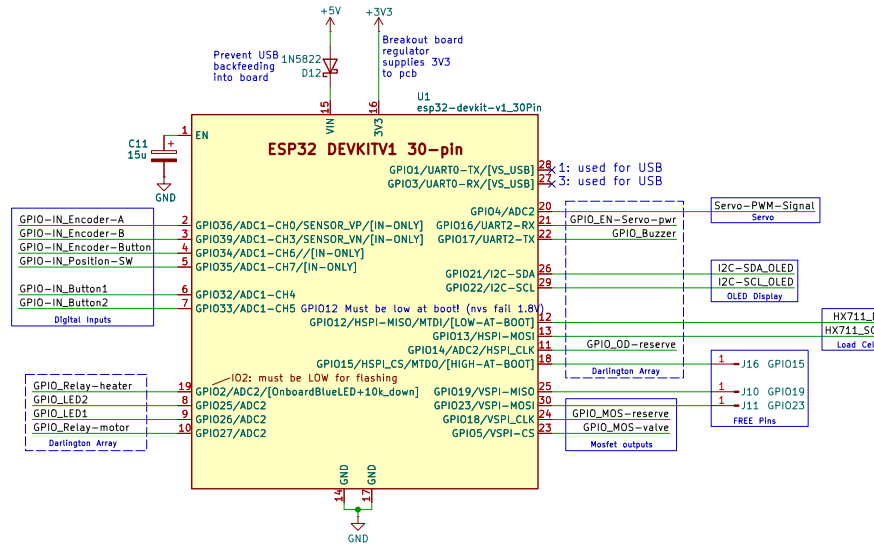
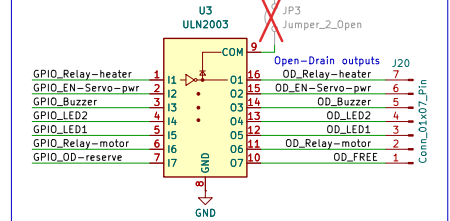
Relay for 230V (Heater, Reserve)



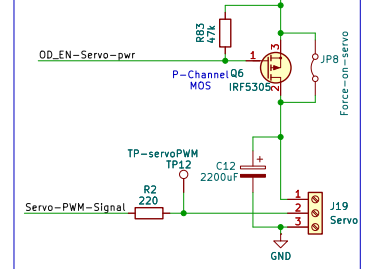
Relay for motor drive (drive, brake)



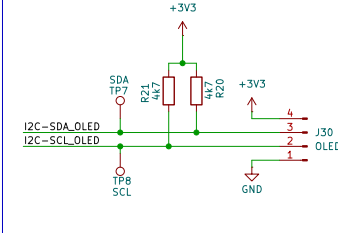
Amplify ESP32 outputs (Darlington array)



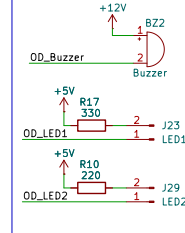
Servo motor



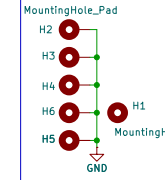
OLED Display



Buzzer, LEDs



Mounting holes



Carrier board for controlling the honey-jar-filler project (mounts modules, power, I/O)
In: Encoder, 2xBTN, LIMIT - UI: OLED Display, buzzer, 2xLED
Out: Servo(4-10 V), 2xRelay, 2xMOSFET
Pwr: 12-40 V in, 5 V buck, adj 4-10 V buck

Sheet: /
File: pcb_honey-jar-filler.kicad_sch
Title: honey jar filler control
Size: A3 Date: 2026-03-01 Rev: V1.0
KiCad E.D.A. 10.0.3 Id: 1/7