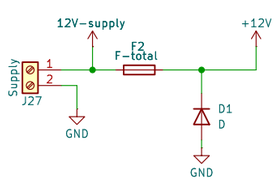
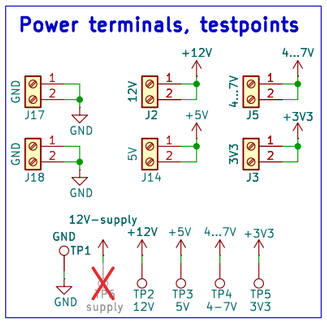
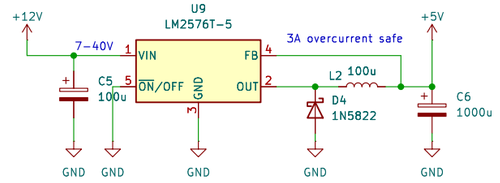
12V Supply



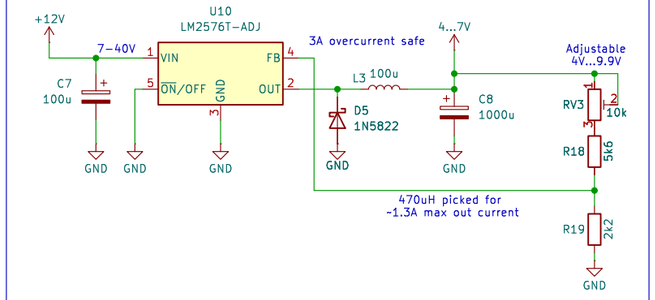
Power terminals, testpoints



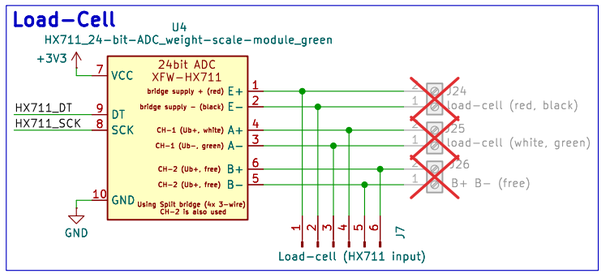
5V Supply (buck converter)



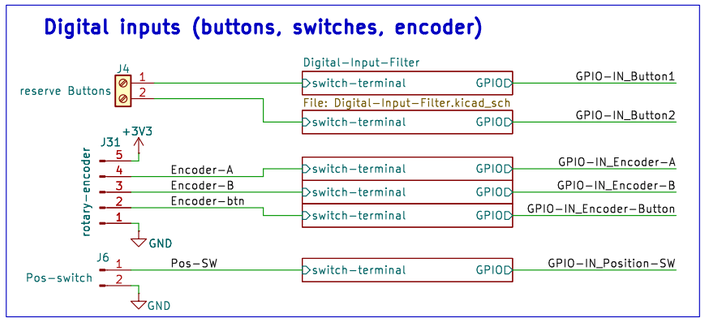
4..7V Supply Servo (buck converter)



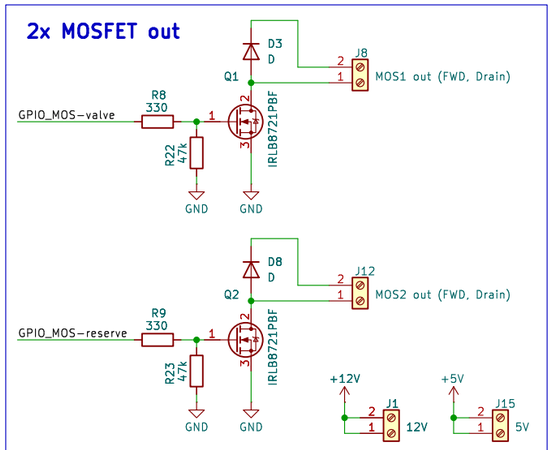
Load-Cell



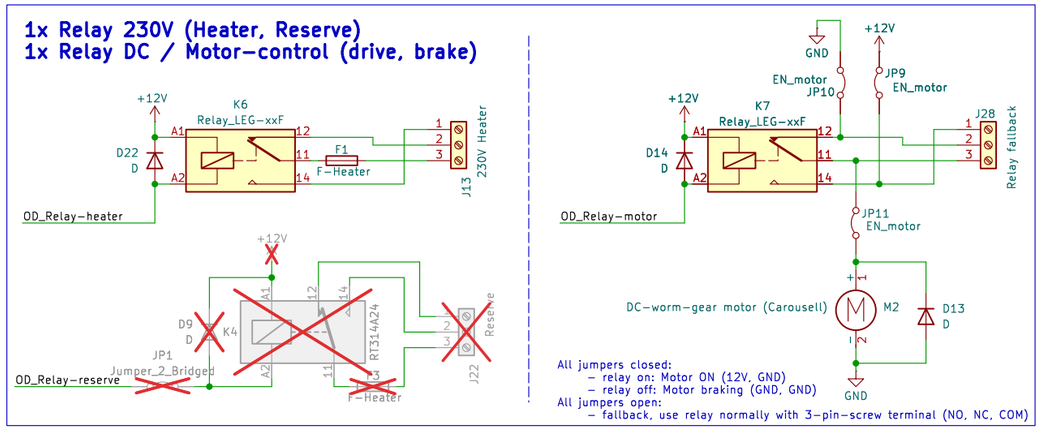
Digital inputs (buttons, switches, encoder)

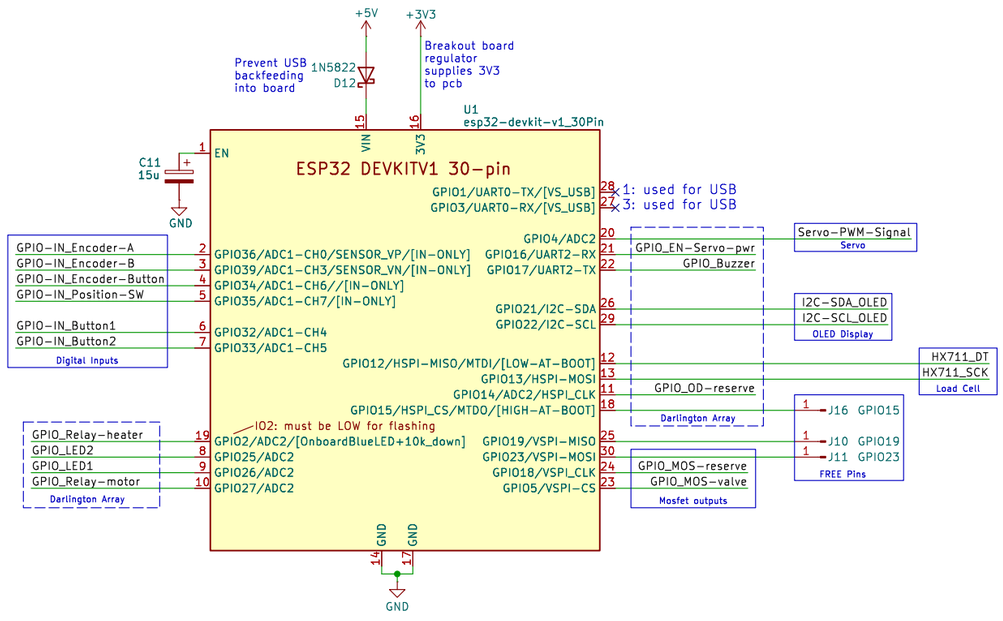


2x MOSFET out

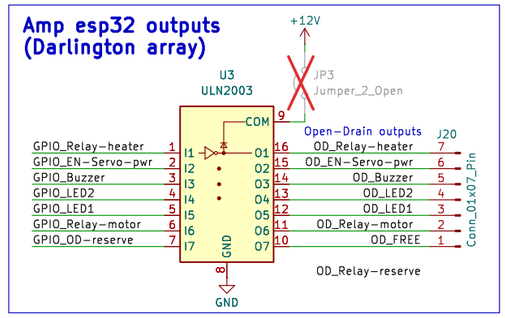


1x Relay 230V (Heater, Reserve)
1x Relay DC / Motor-control (drive, brake)

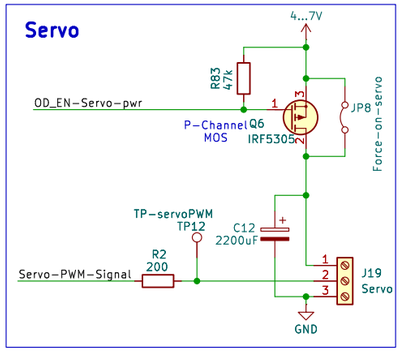




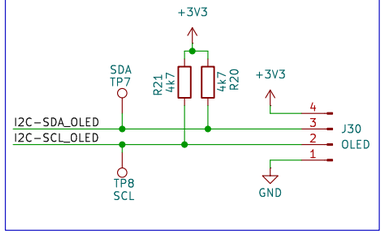
Amp esp32 outputs (Darlington array)



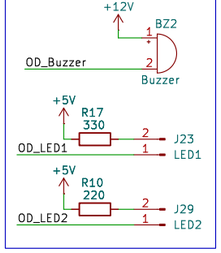
Servo



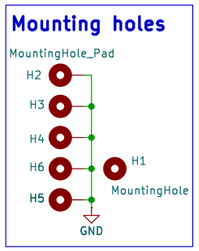
OLED Display



Buzzer, LEDs



Mounting holes

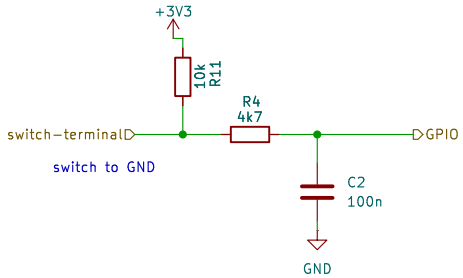


Carrier board for controlling the honey-jar-filler project (mounts modules, power, I/O)
In: Encoder, 2×BTN, LIMIT – UI: OLED Display, buzzer, 2×LED
Out: Servo(4-9 V), 2×Relay, 2×MOSFET
Pwr: 12-40 V in, 5 V buck, adj 4-9 V servo

Sheet: /
File: pcb_honey-jar-filler.kicad_sch

Title: honey jar filler control

Size: A3	Date: 2025-11-03	**Rev: V1.0**
KiCad E.D.A. 9.0.6		Id: 1/7



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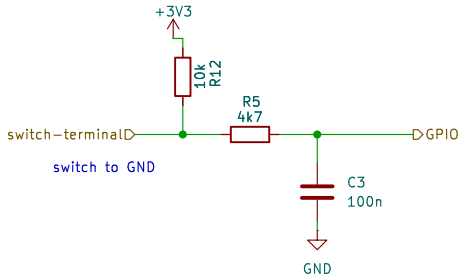
KiCad E.D.A. 9.0.6		Id: 2/7



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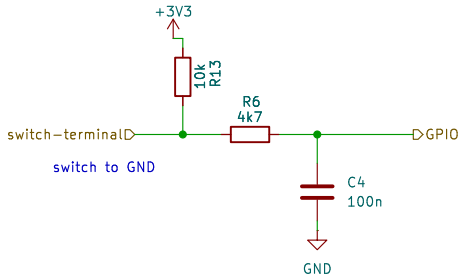
KiCad E.D.A. 9.0.6		Id: 3/7



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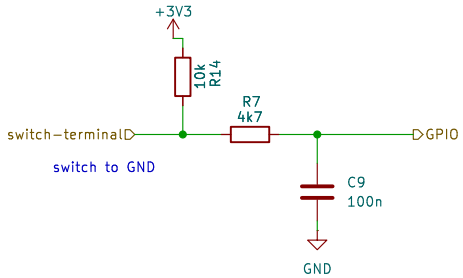
KiCad E.D.A. 9.0.6		Id: 4/7



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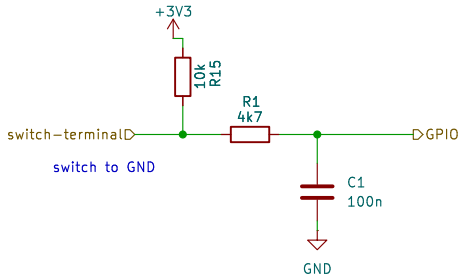
KiCad E.D.A. 9.0.6		Id: 5/7



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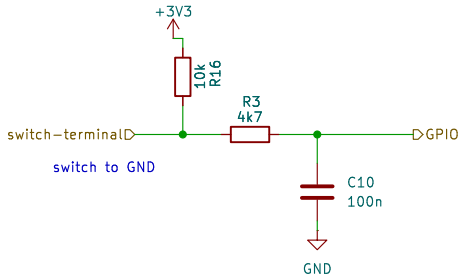
KiCad E.D.A. 9.0.6		Id: 6/7



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