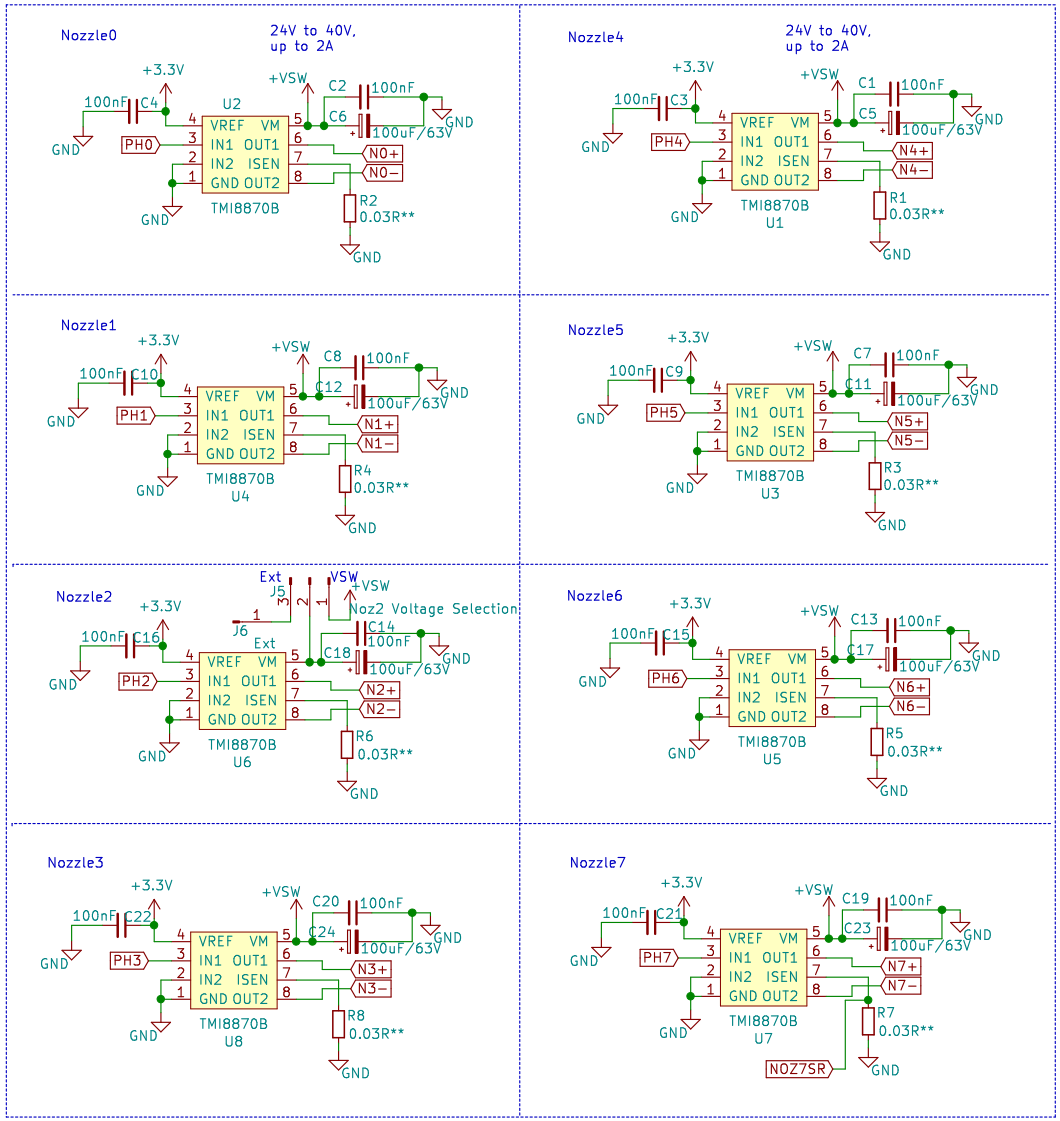
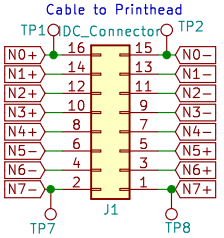
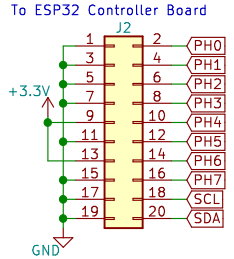






Motor Driver H-Bridge IC:

AT8870 - 38V 3.6A, 29K STK, A$1.25/30
RZ7899 - 25V 6A 84K STK, A$0.51/30
HV8548 - 28V 1.2A-2.4A, 5K STK, A$0.78/30
PT2470 - 36V 3.6A, 2.5K STK, A0.80/30
TMI8870B - 45V 3.6A, 3.5K STK, A$0.90/30 (up to 100KHz PWM = 10uSec pules)

NOTE: ADD MORE TEST POINTS and a jumper on a nozzle sense resistor --> the ADC

Sheet: Power

File: Power.sch

** this part value will need testing

Open Hardware

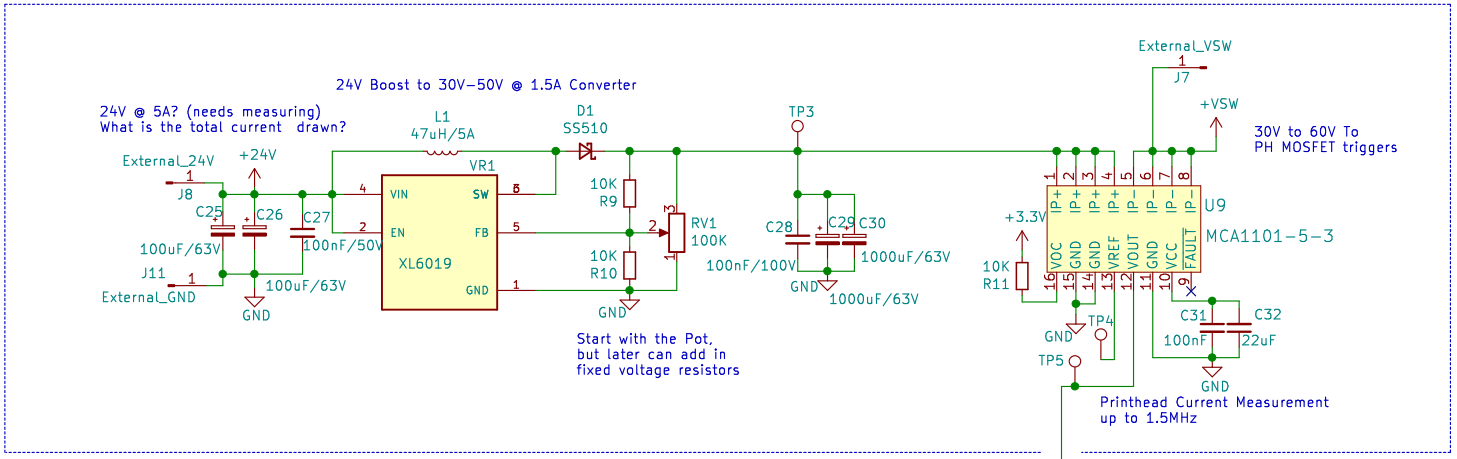
PRL

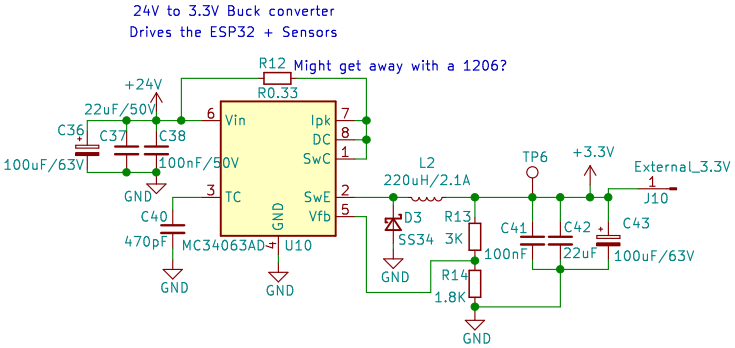
Sheet: /

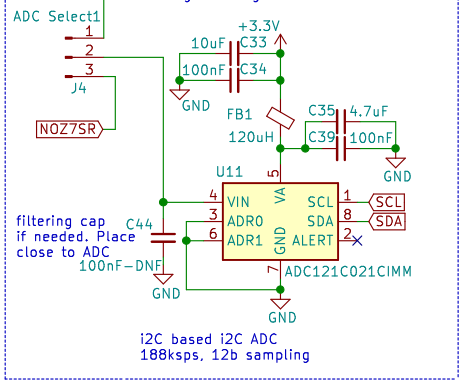
File: Printhead-Driver.sch

Title: Open-PyroJet-Driver

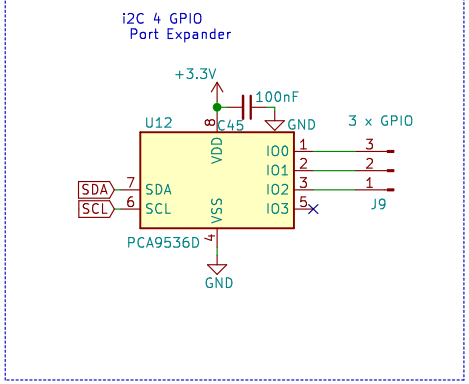
Size: A4	Date: 2022-03-22	**Rev: 0.5c2**
KiCad E.D.A. kicad (5.1.12)-1		Id: 1/2

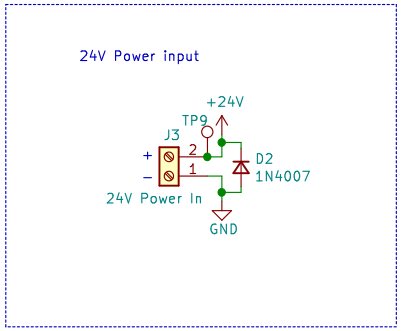


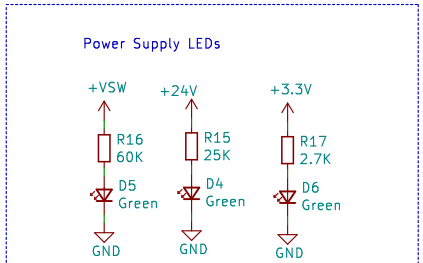




Note: SPI based ADC IC's are in short supply,
or very expensive due to silicon shortages







Open Hardware
PRL

Sheet: /Power/
File: Power.sch

Title: Open-PyroJet-Driver - Power

Size: A4	Date: 2022-03-22	**Rev: 0.5c2**
KiCad E.D.A. kicad (5.1.12)-1		Id: 2/2