
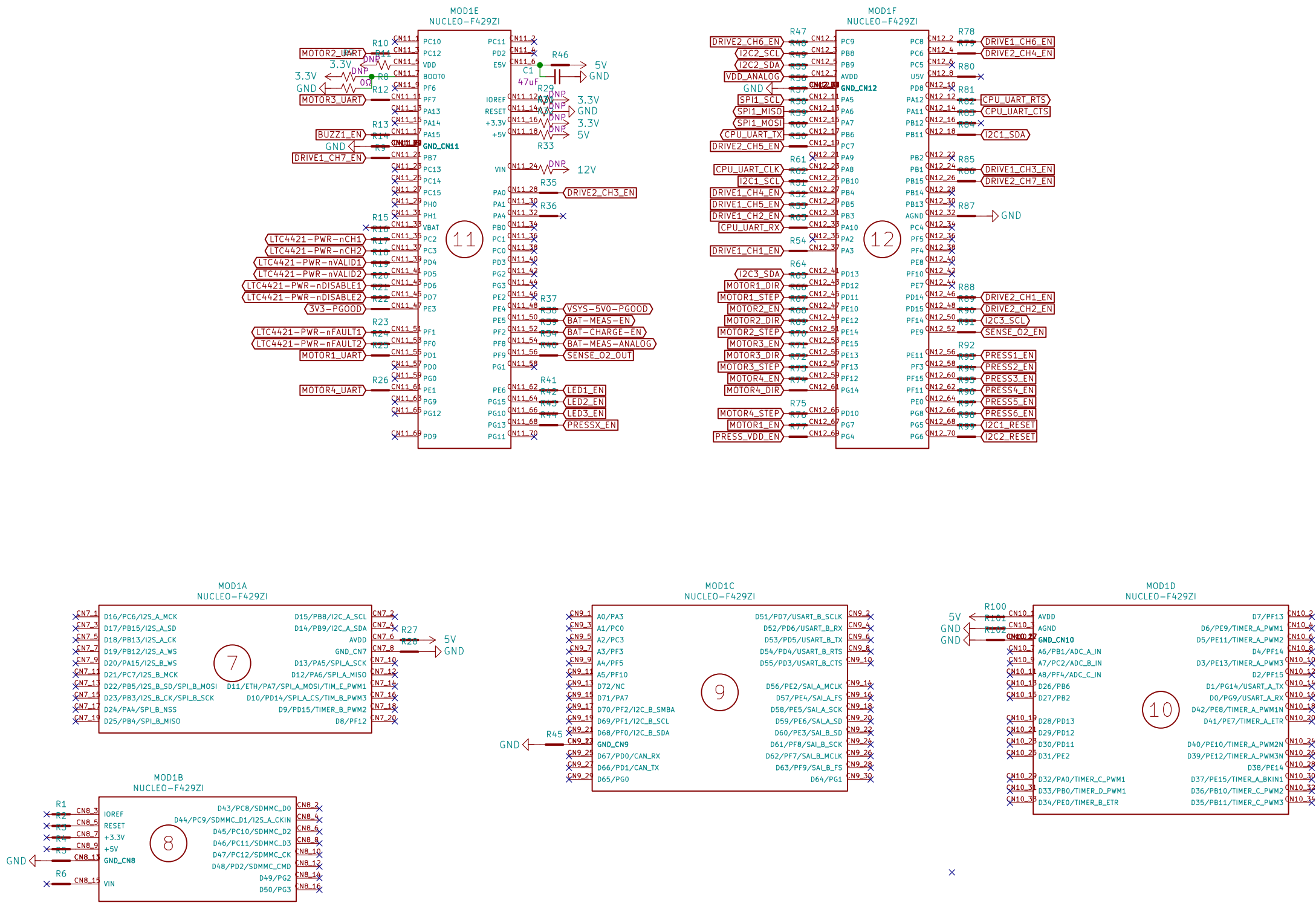
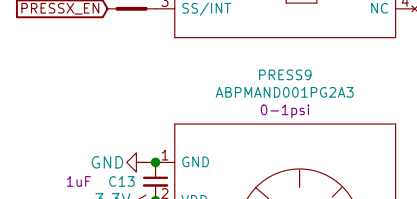
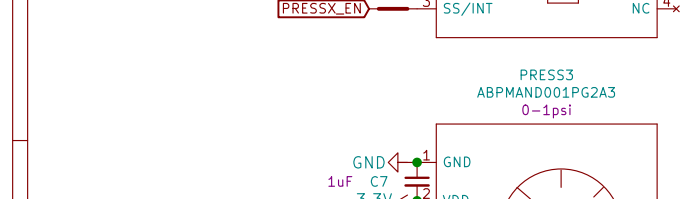
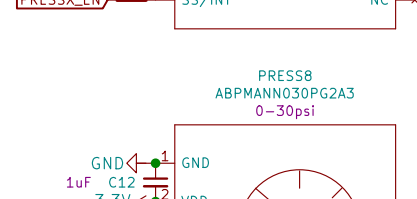
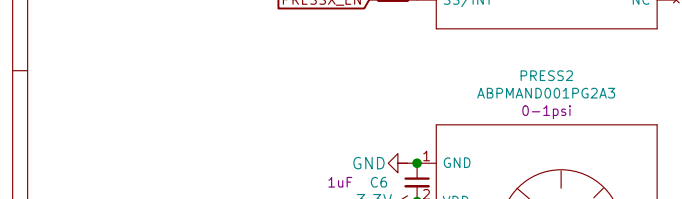
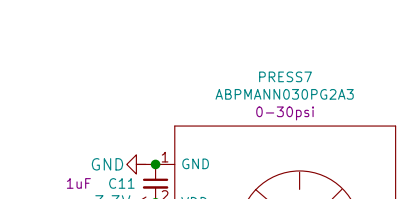
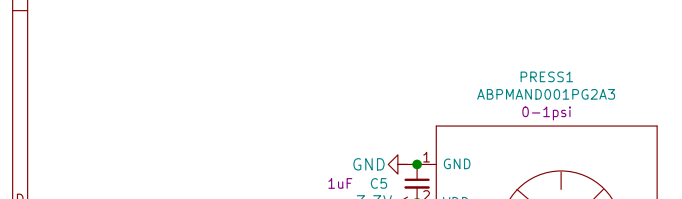
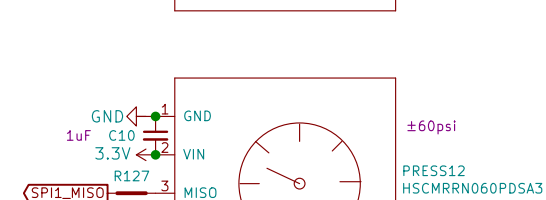
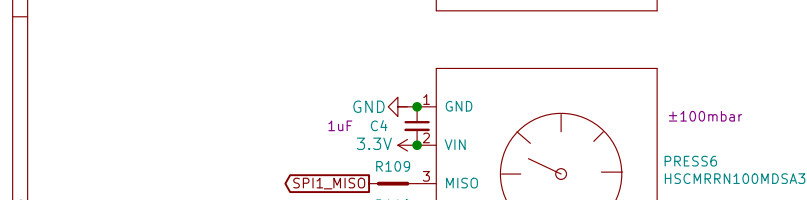
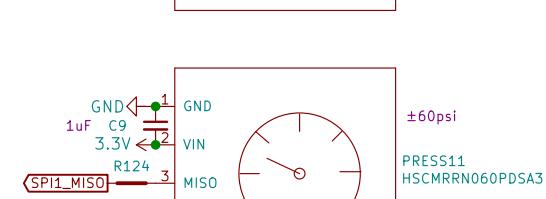
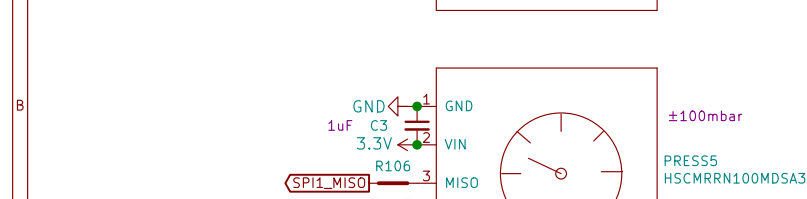
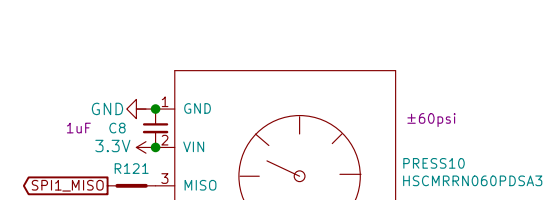
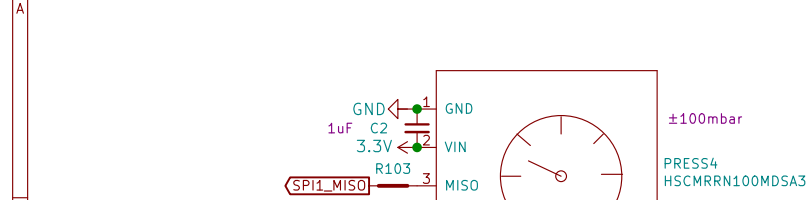


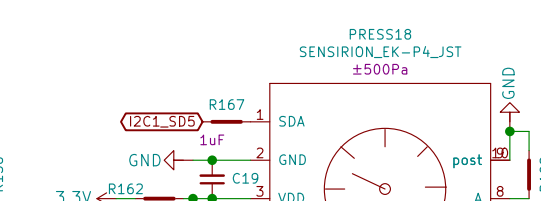
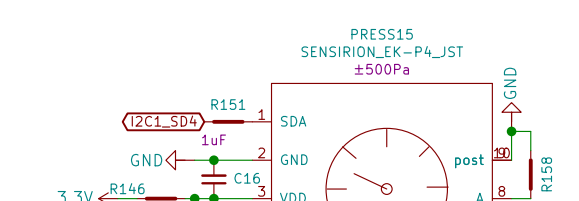
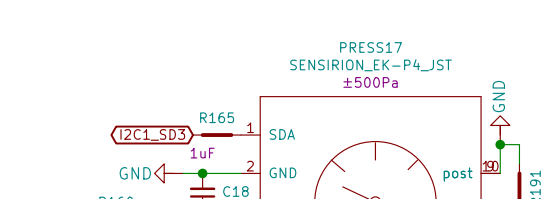
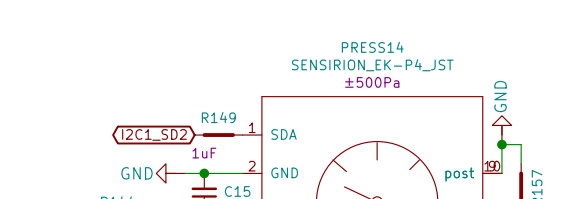
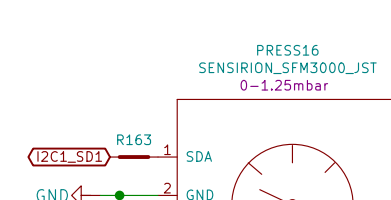
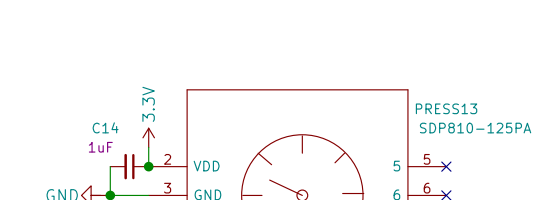
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A	<div>Sheet: Microcontroller</div> <div>File: Microcontroller.sch</div> <div>Sheet: Sensors</div> <div>File: Sensors.sch</div> <div>Sheet: Actuators</div> <div>File: Actuators.sch</div> <div>Sheet: Peripheral</div> <div>File: Peripheral.sch</div>					
B						
C						
D	<div>  <div> <div>Sheet: /</div> <div>File: Pufferfish-Controller-1.sch</div> <div>Chris3Arcadia</div> </div> <div> <div>Title: Pufferfish Controller</div> <div> <div>Size: A4</div> <div>Date: 2020-06-03</div> <div>Rev: 1.0</div> </div> <div> <div>KiCad E.D.A. kicad (5.1.5-0-10_14)</div> <div>Id: 1/5</div> </div> </div> </div>					
	1	2	3	4	5	6

Microcontroller Module

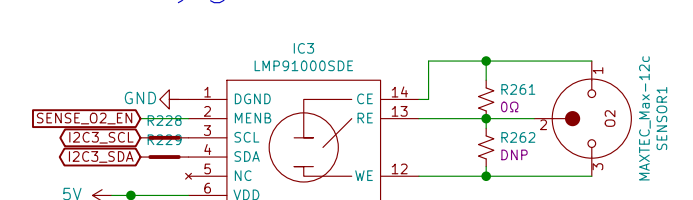




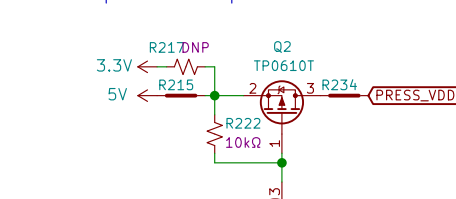
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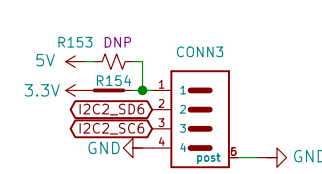
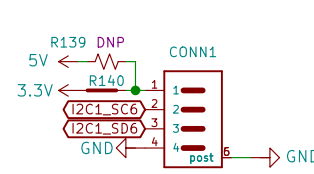
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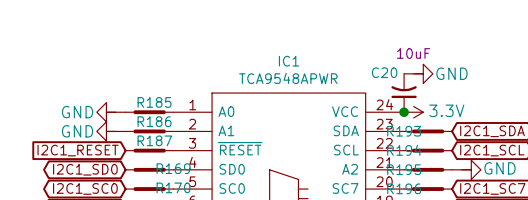
(software resettable power supply  
for specified pressure sensors)



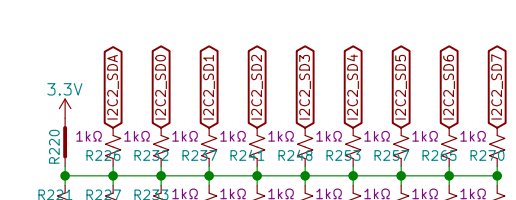
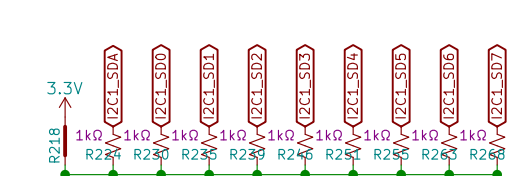
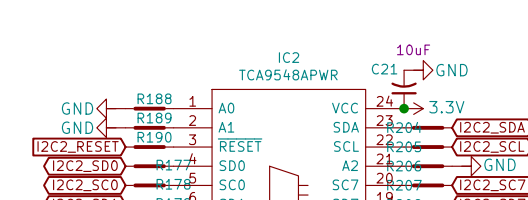
(unused I2C lines are routed to JST connectors for off board devices)



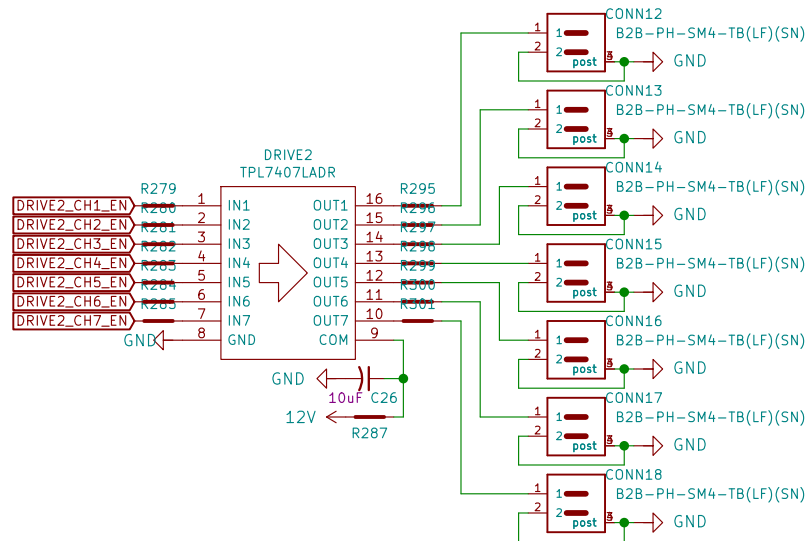
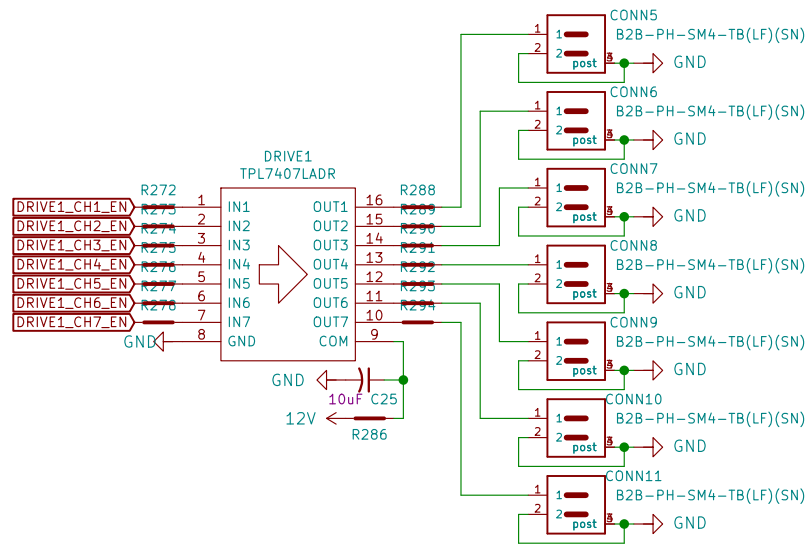
sensors)



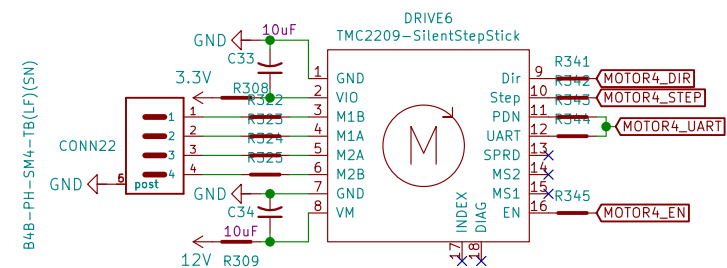
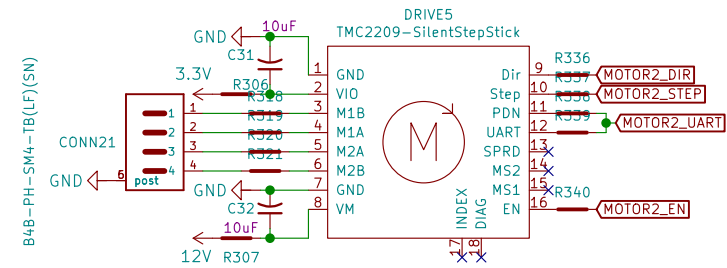
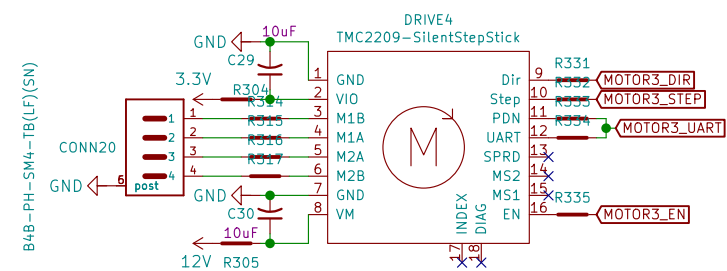
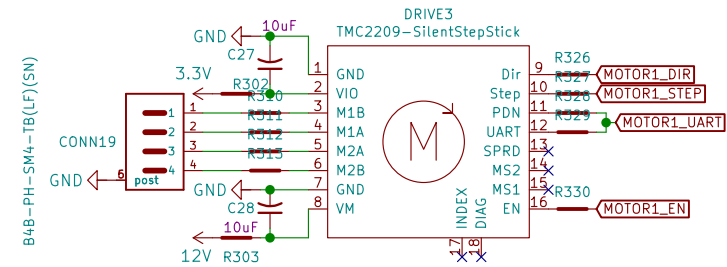
sensors)



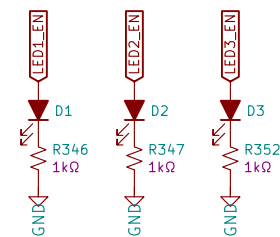
# Solenoid Drivers



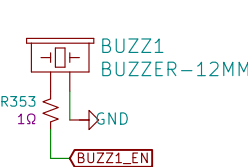
# Motor Drivers



# Indicators



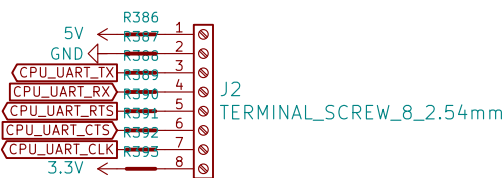
# Alarms



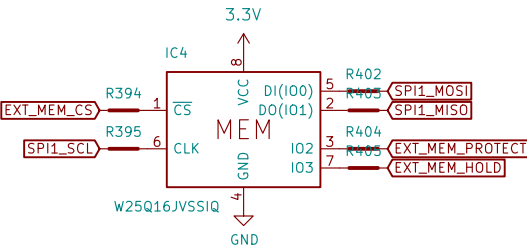
# Logo

LOGO

# MCU to CPU



# Memory

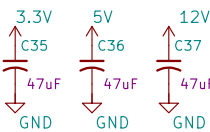


# Power Supply

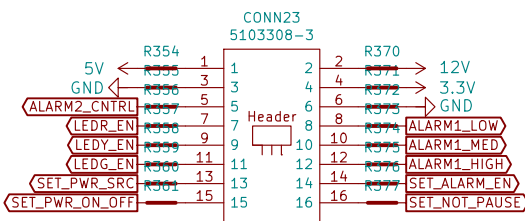
(supply line access)



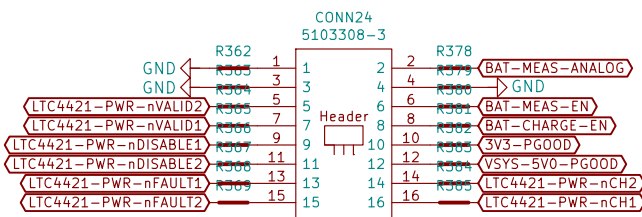
(bypass capacitors)



# MCU to Interface Board



# MCU to Power Board



# Dials & Buttons

(moved to interface board)

