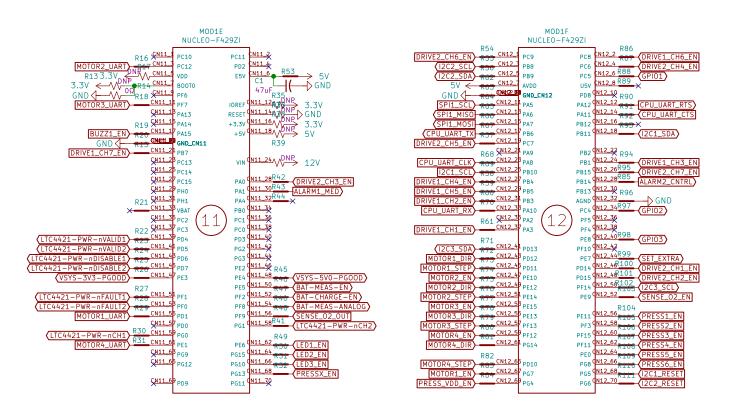
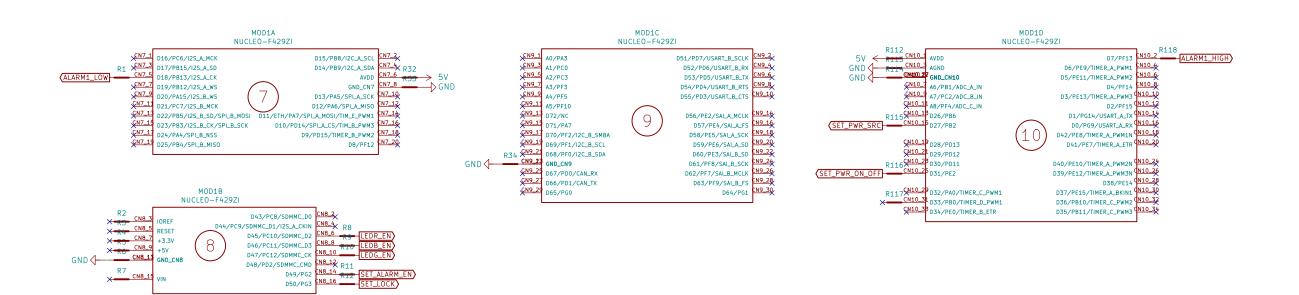


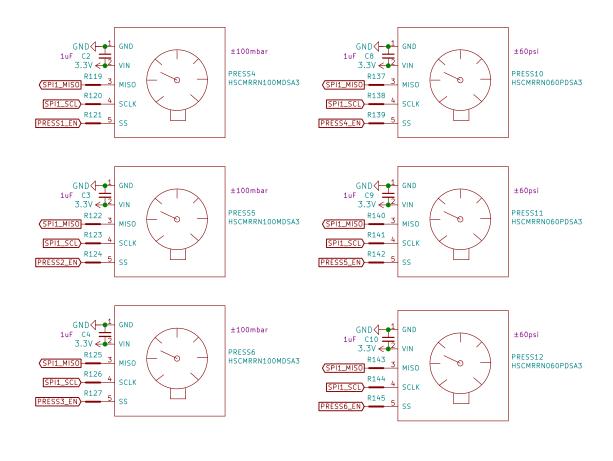
Microcontroller Module

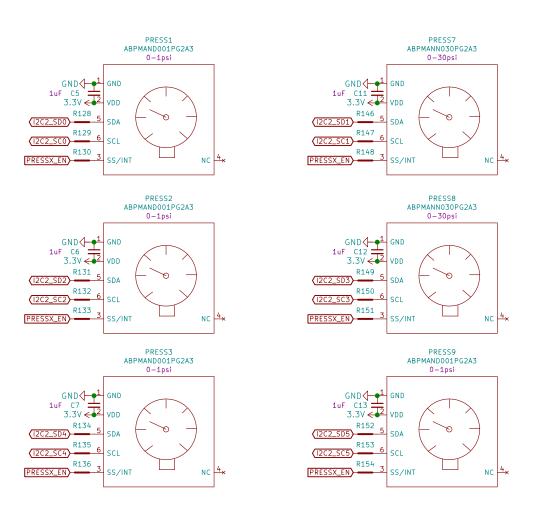




		Sheet: /Microcon File: Microcontro		Chris3	Arcadia
		Title: Pufferfish Controller			
	Dufforfield	Size: User	Date: 2020-06-03		Rev: 1.0
	Puttertish	Size: User Date: 2020-06-03 KiCad E.D.A. kicad (5.1.5-0-10_14)			ld: 2/5
		6		7	8

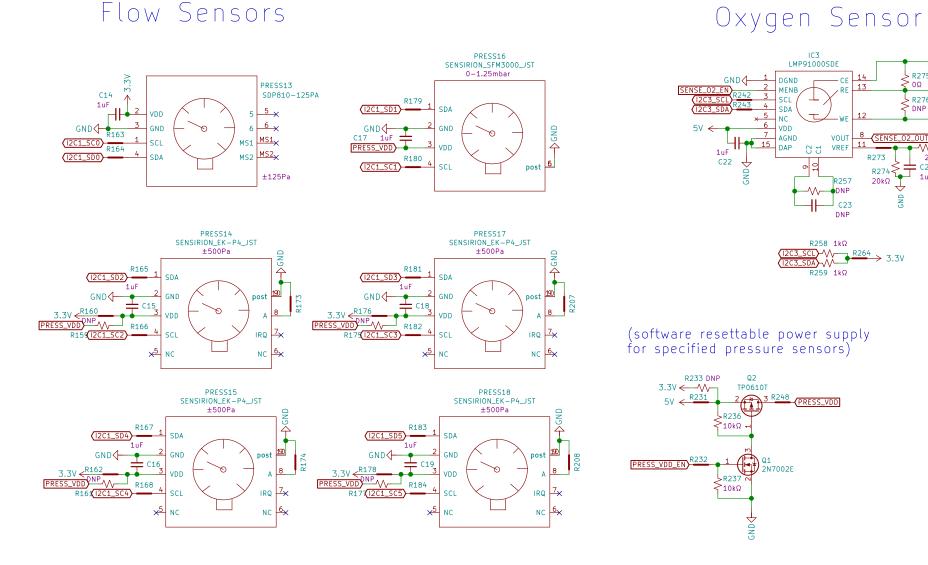
Pressure Sensors



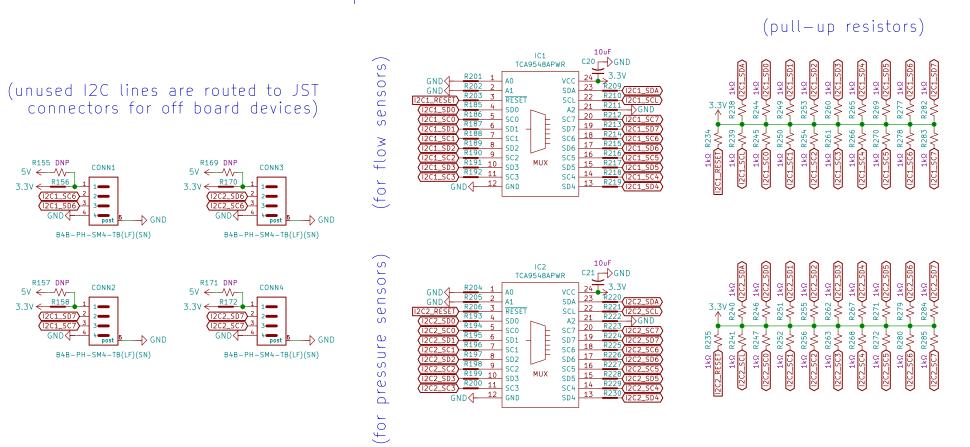


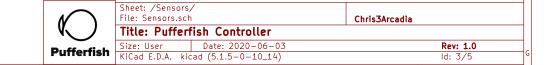
Flow Sensors

B4B-PH-SM4-TB(LF)(SN)



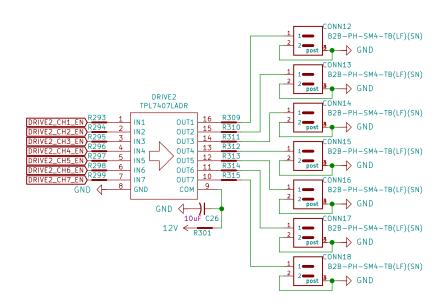
Multiplexer for I2C Sensors



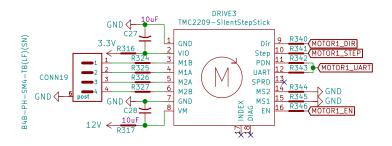


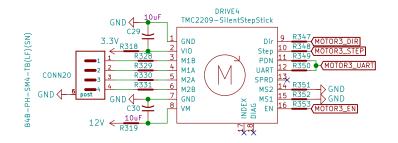
Solenoid Drivers

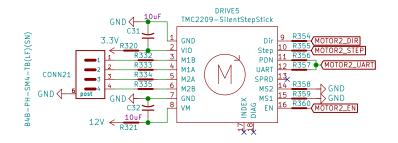
B2B-PH-SM4-TB(LF)(SN) **♦** GND B2B-PH-SM4-TB(LF)(SN) **♦** GND DRIVE1 TPL7407LADR B2B-PH-SM4-TB(LF)(SN) post 5 GND OUT3 OUT4 B2B-PH-SM4-TB(LF)(SN) IN5 R291 6 IN6 R292 7 IN7 **ĕ →** GND IN7 GND OUT7 СОМ B2B-PH-SM4-TB(LF)(SN) post 5 GND ONN10 12V < R300 B2B-PH-SM4-TB(LF)(SN) post 5 GND CONN11 B2B-PH-SM4 B2B-PH-SM4-TB(LF)(SN)

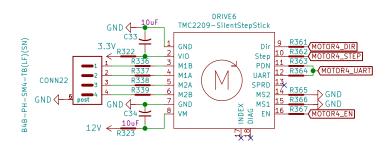


Motor Drivers







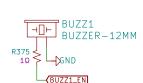




Sheet: /Actuator File: Actuators.so	•	Chris3Arcadia			
Title: Pufferfish Controller					
Size: User	Date: 2020-06-03	R	ev: 1.0		
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Indicators

Alarms Logo



MCU to CPU

LOGO



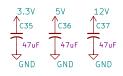
MCU to Monitor & Fan



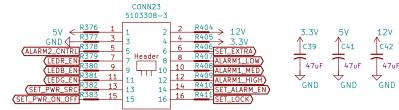
(supply line access)



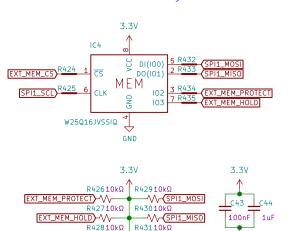
(bypass capacitors)



Power Supply MCU to Interface Board

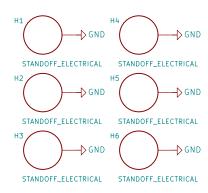


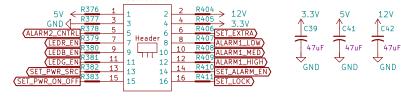
Memory



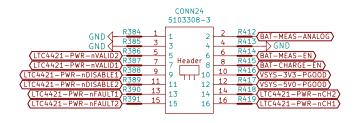
Dials & Buttons (moved to interface board)

Standoffs





MCU to Power Board



MCU General Purpose I/O Pins



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Dufforfick	Size
Pufferfish	V:C

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