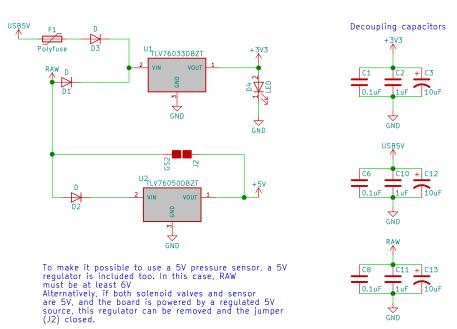
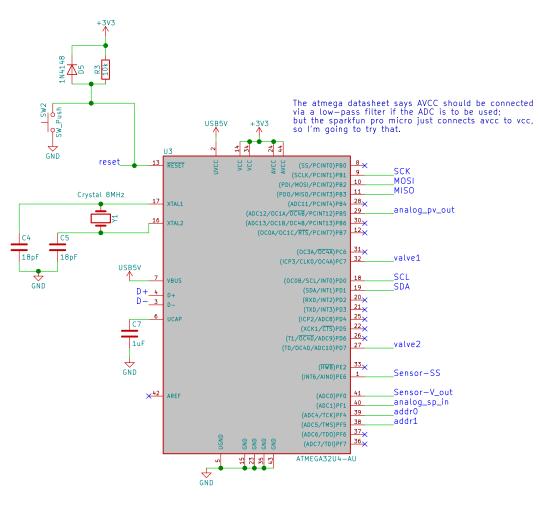
Power

Power input. RAW is 5 to 24YDC, and powers the valves directly. 3.3V regulator powers the microcontroller. 5V regulator powers the sensor, if a 5V sensor is used.





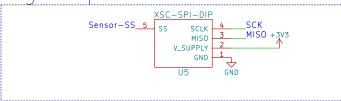
Analog pressure sensor

There is support for either a 3.3V or a 5V sensor.
For a 3.3V sensor, the resistors are not populated, and the 1k8 resistor is replaced by a solder bridge

+5V 1 1 2 2 Sensor-V_supply

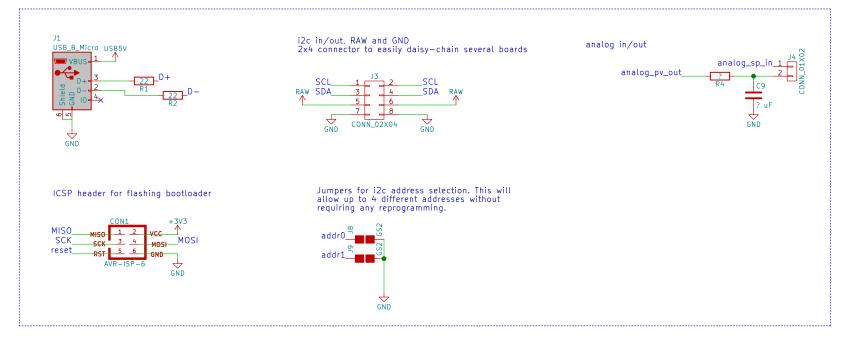
GND 4 G

Digital pressure sensor

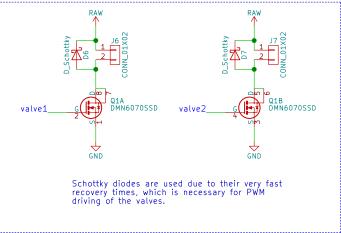


RAW The state of t

Connectors



Solenoid valve drivers



	Craig Watson			
Senyo Lab Case Western Reserve University Sheet: / File: pressurereg.sch				
Title: Pressure regulator				
	Size: A3	Date: 2018-05-10		Rev: 1
	KiCad E.D.A. kic			ld: 1/1