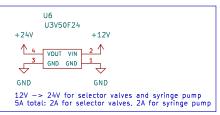
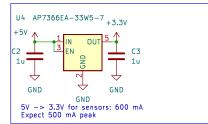
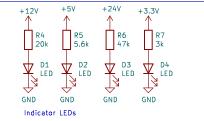


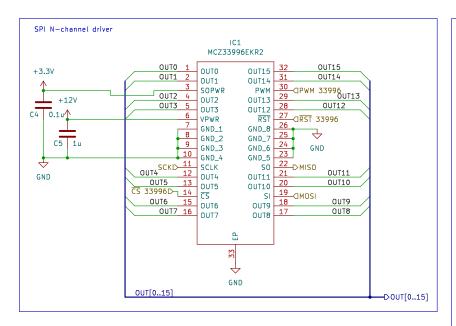


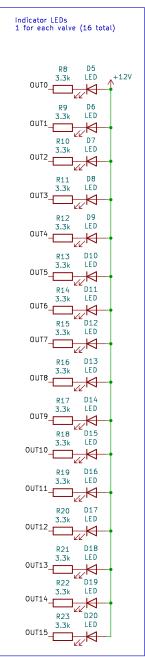
12V -> 5V for disc pump, sensors 1A total: 300 mA for disc pump, 600 mA for sensors

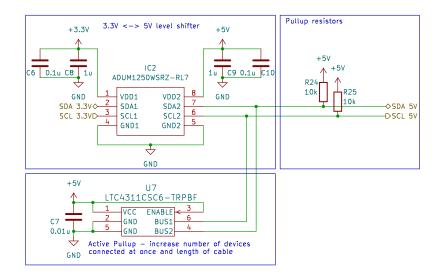


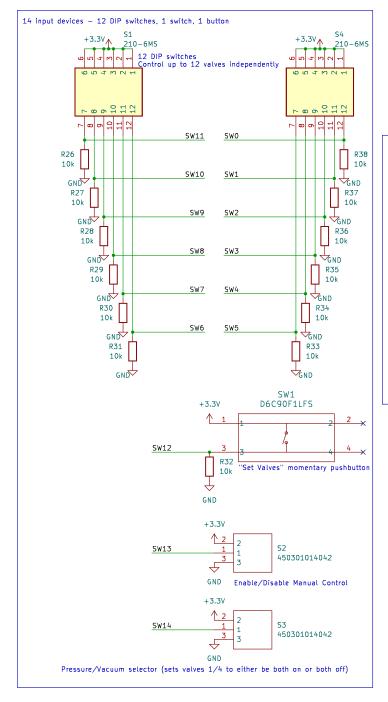


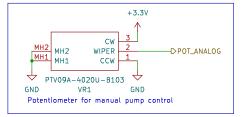


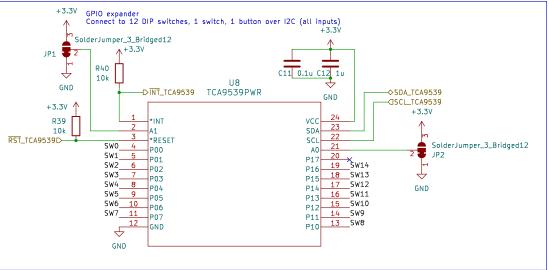


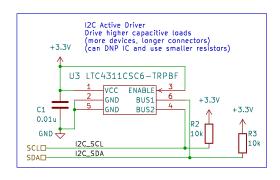


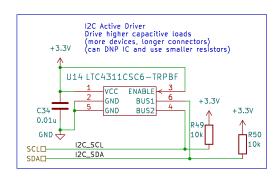


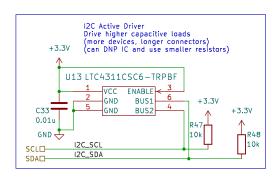


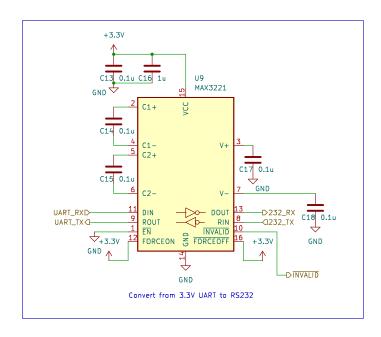


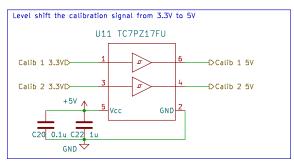


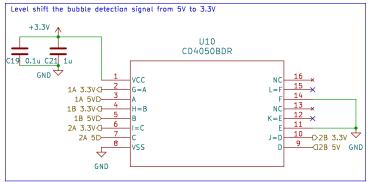












DAC for pressure control

+5V

IN1 IN2 IN3

IN[0..3]D→

OUTO OUT1

OUT2 OUT3

1u C39 0.1u C38

ONIA

GND

5 AIN1 6 AIN2 7 AIN3

OUT[0..3] <---

U16 AD5624RBRMZ-3

VREFIN/VREFOUT

GND

VDD

VOUTA

VOUTB

U15 ADS1115IDGS

ALERT/RDY 2 DADC\_RDY +5V

SCL 10 SDA SDA GSCL ADDR 1

GND VOUTC VOUTD +5٧

C35 0.1u C36 0.1u C37 1u

ADC for pressure control

10

SolderJumper\_3\_Bridged12

JP5

