

Pufferface Interface Schematic

Sheet: Connections

File: Connections.sch

Sheet: LEDAlarm

File: LEDAlarm.sch

Sheet: Switches

File: Switches.sch

Sheet: AlarmDetect

File: AlarmDetect.sch

Sheet: /
File: Pufferfish-Interface-2.sch

Title: Pufferface Interface Schematic

Size: A4 Date: 2020-07-09

KiCad E.D.A. kicad (5.1.6-0-10_14)

Rev: 2

Id: 1/5

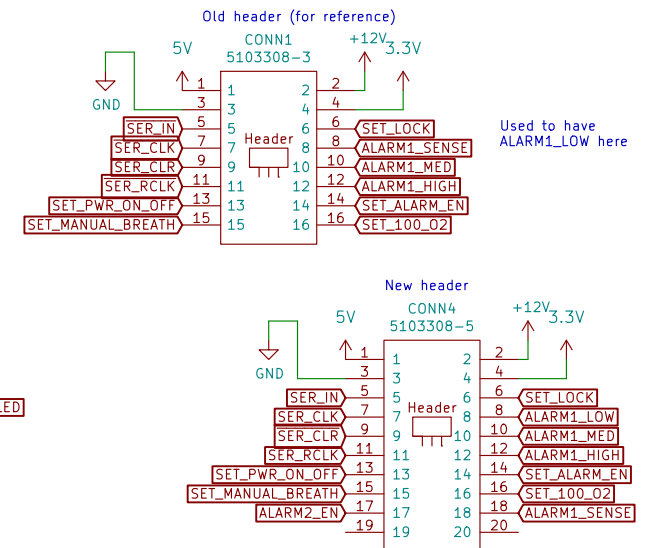
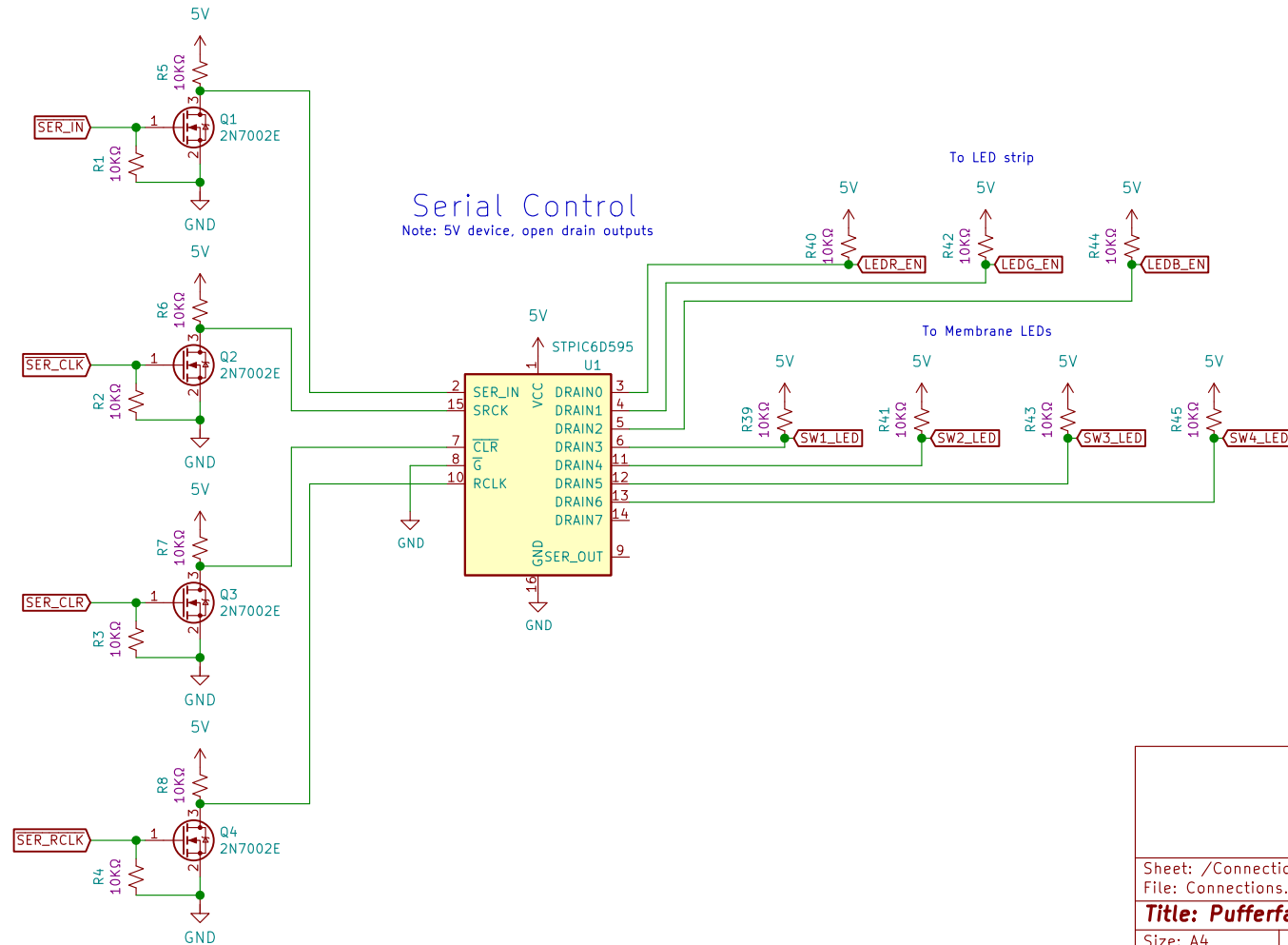
Connections

I/O signals

To Control Board

Serial Control

Note: 5V device, open drain outputs



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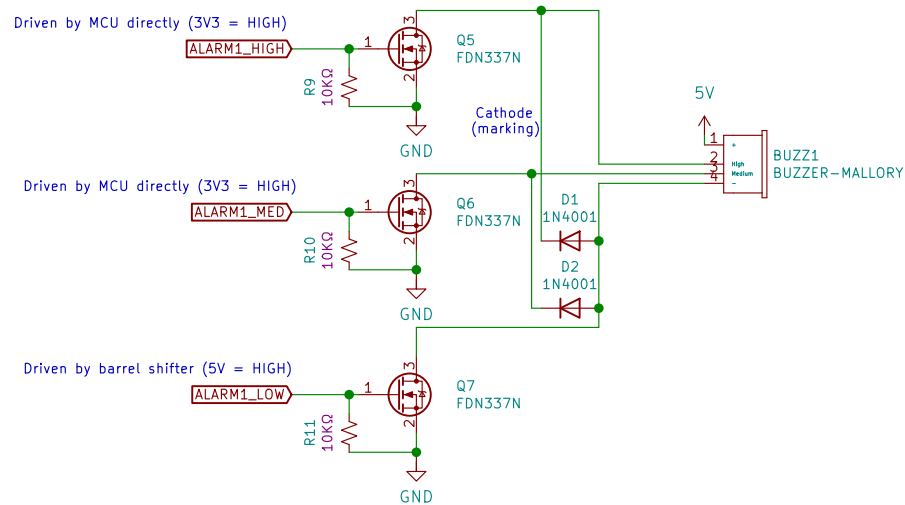
Date: 2020-07-09

Rev: 2

Id: 2/5

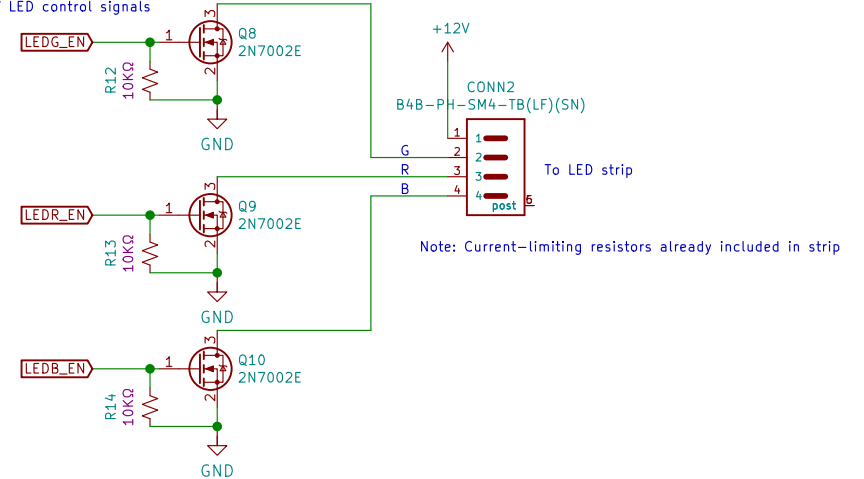
Alarms

Regulatory Medical Alarm

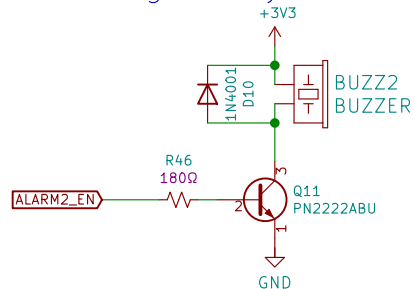


LEDs

Note: 5V LED control signals



System Non-Regulatory Alarm – Control Board



Todo: figure out which exact buzzer+driving ckt

Click confirmation speaker – RPi

Sheet: /LEDsAlarm/
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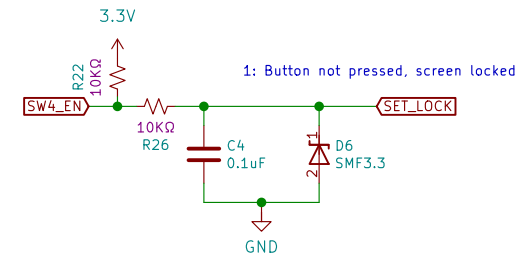
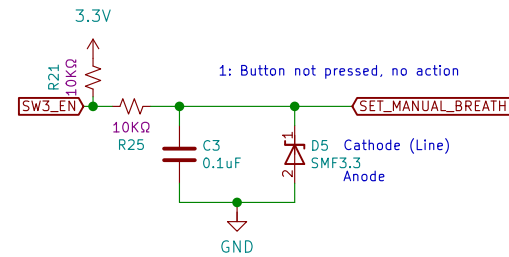
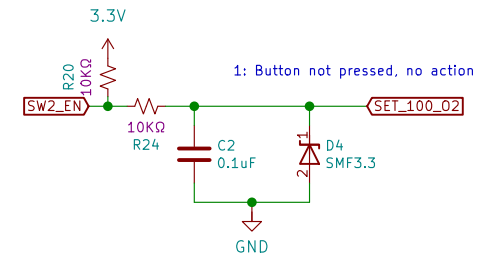
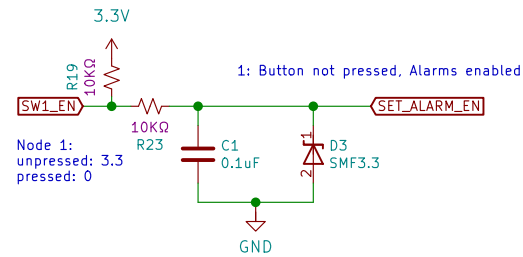
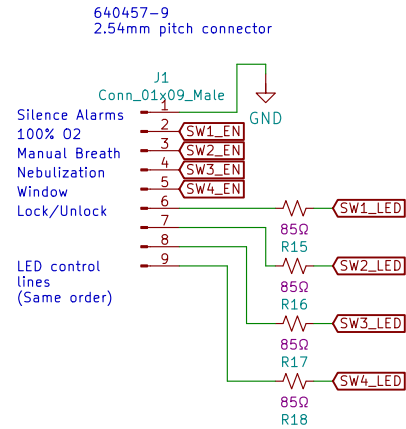
Rev: 2

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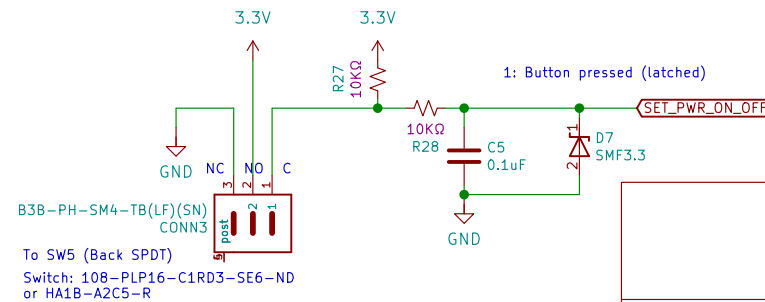
Id: 3/5

Switches

Front Membrane Switches



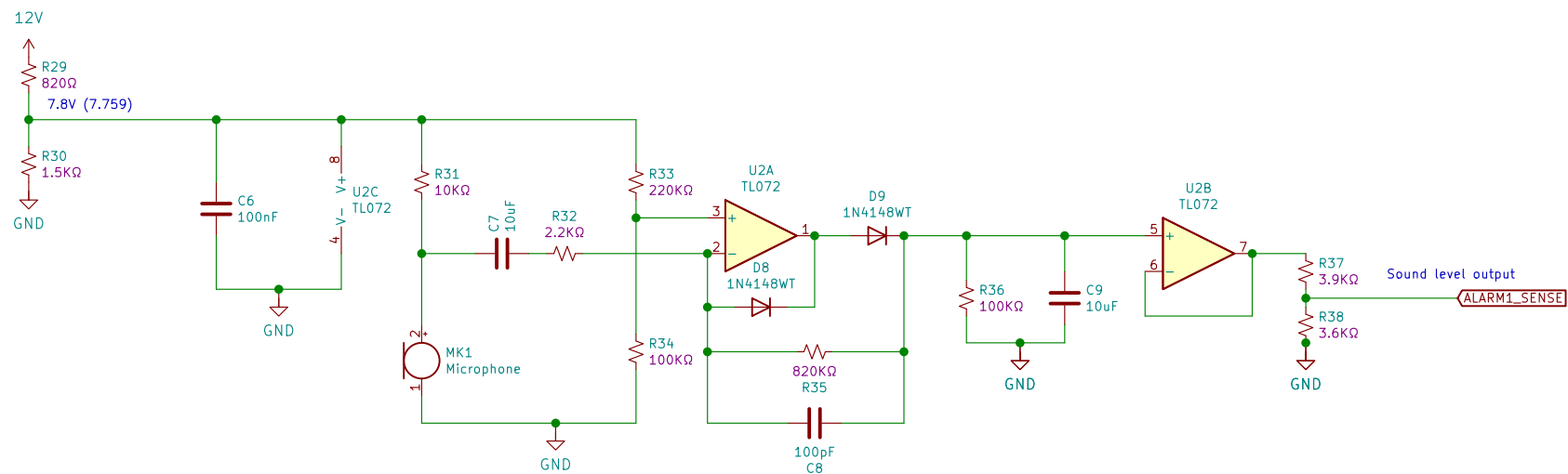
Back Push Button



Sheet: /Switches/	
File: Switches.sch	
Title: Pufferface Interface Schematic	
Size: A4	Date: 2020-07-09
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	Id: 4/5

Alarm Detector

Microphone



Sheet: /AlarmDetect/
File: AlarmDetect.sch

Title:

Size: A4 Date:
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Rev:
Id: 5/5