

Pufferface Interface Schematic

Sheet: Connections

File: Connections.sch

Sheet: LEDsAlarm

File: LEDsAlarm.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)

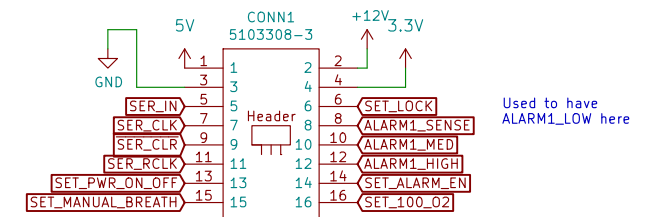
Rev: 2

Id: 1/5

Connections

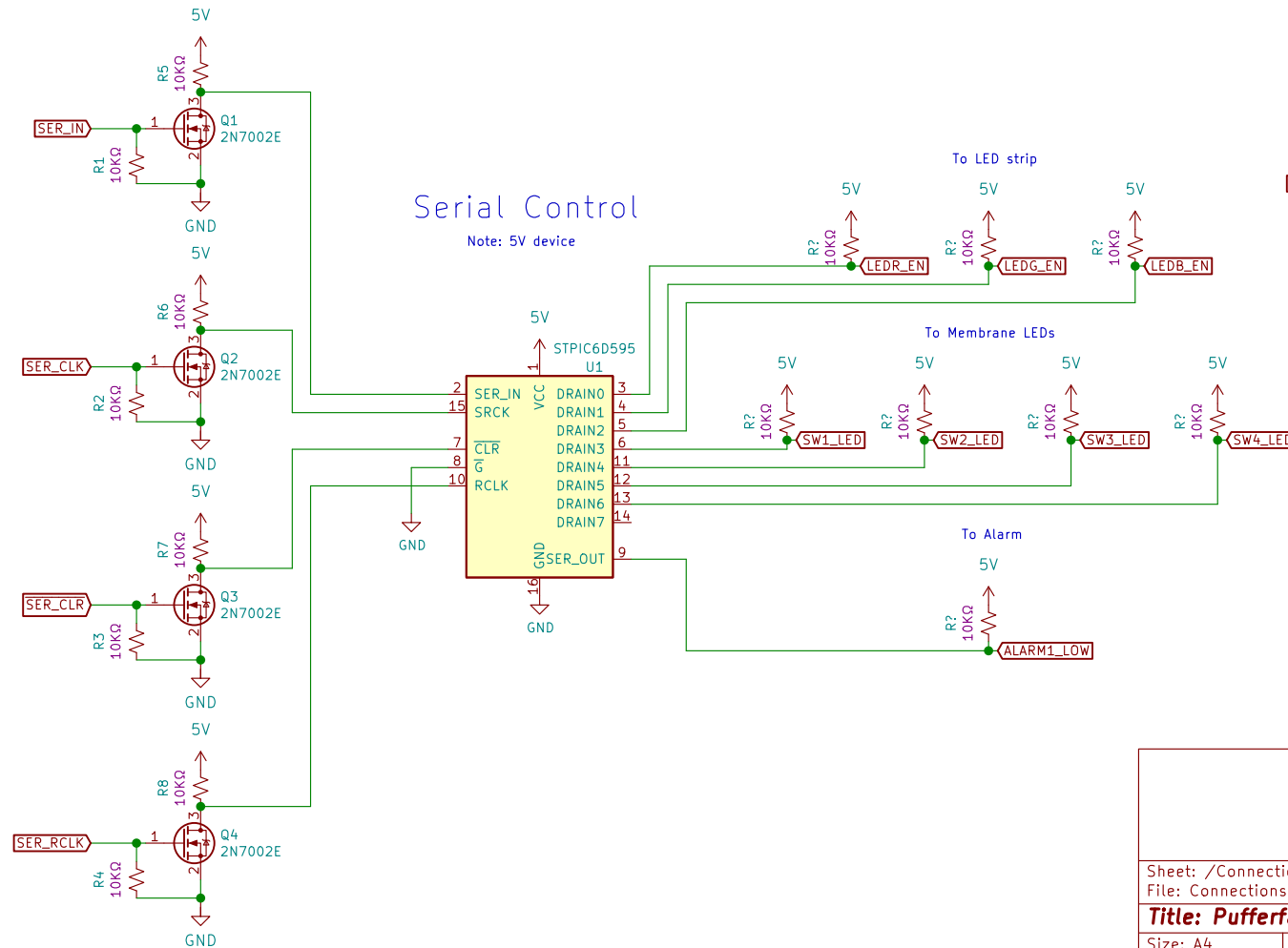
I/O signals

To Control Board



Serial Control

Note: 5V device



Sheet: /Connections/
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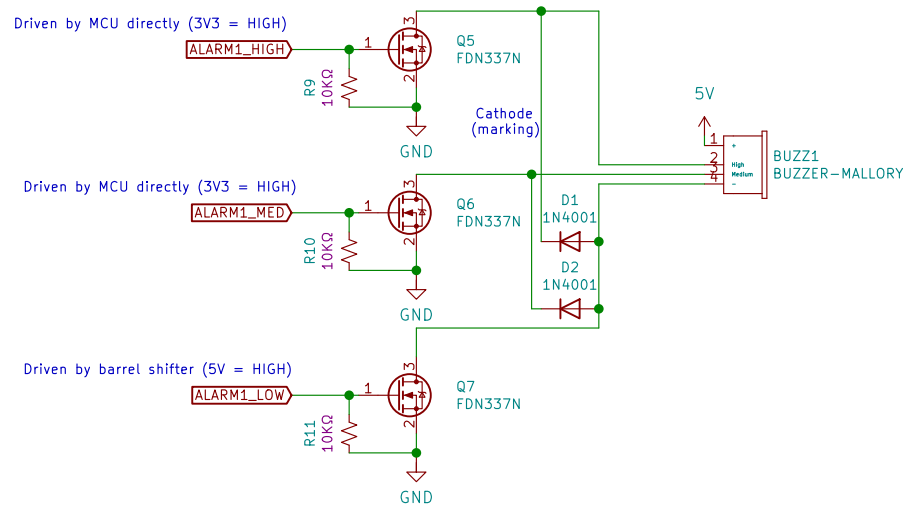
KiCad E.D.A. kicad (5.1.6-0-10_14)

Rev: 2

Id: 2/5

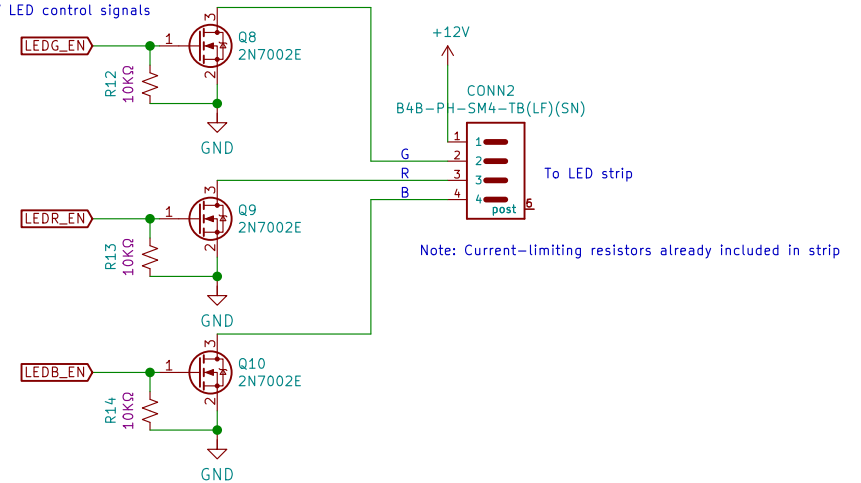
Alarms

Regulatory Medical Alarm



LEDs

Note: 5V LED control signals



System Non-Regulatory Alarm – Control Board

Click confirmation speaker – RPi

Sheet: /LEDsAlarm/
File: LEDsAlarm.sch

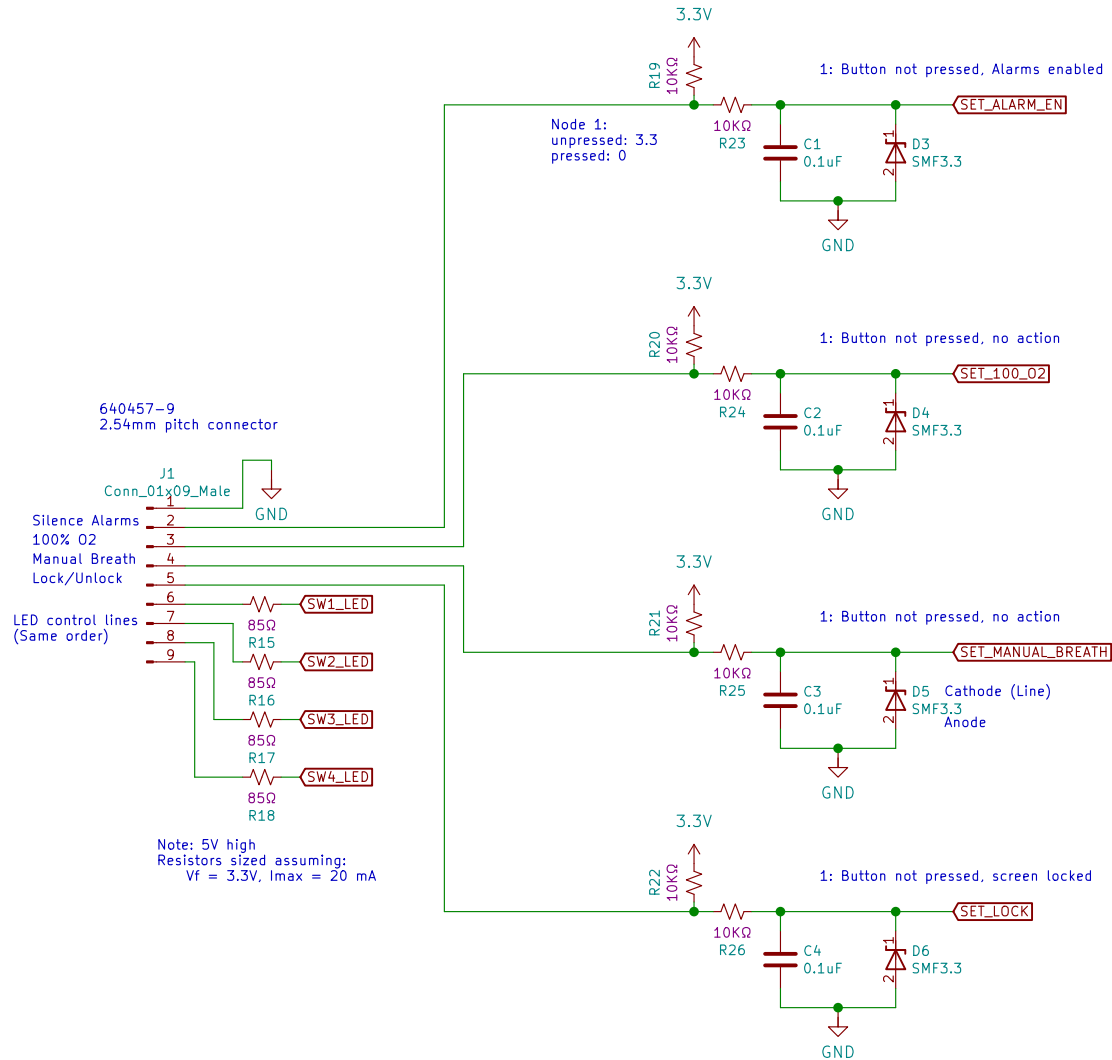
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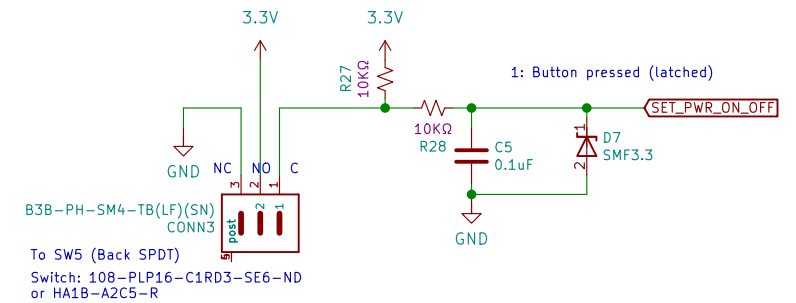
Rev: 2
Id: 3/5

Switches

Front Membrane Switches



Back Push Button



Sheet: /Switches/
File: Switches.sch

Title: Pufferface Interface Schematic

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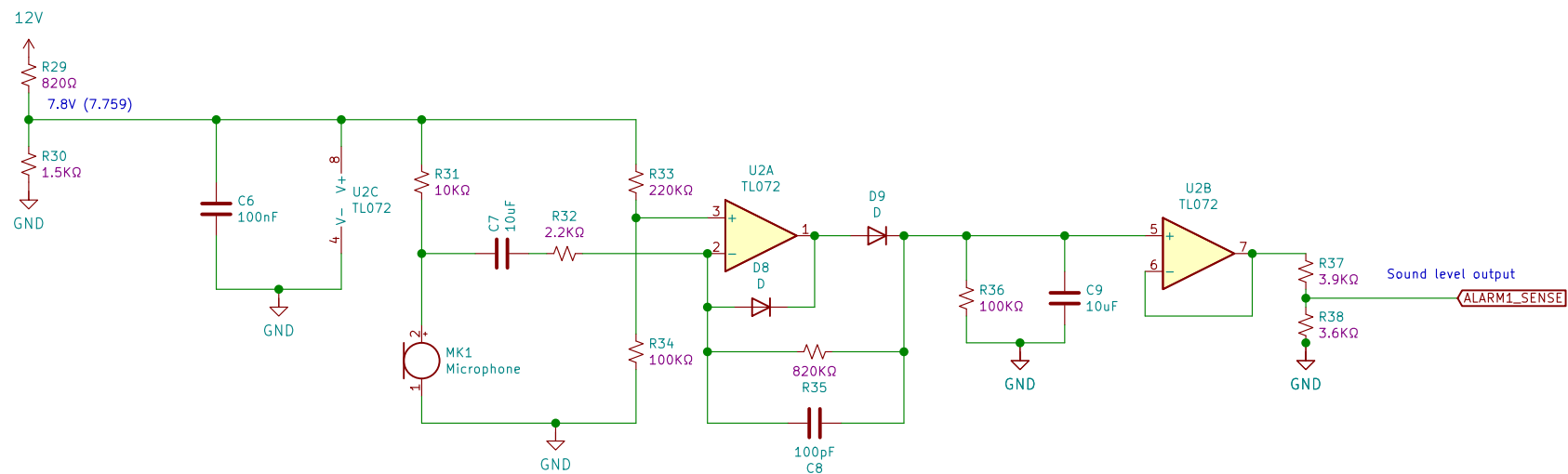
Date: 2020-07-09

Rev: 2

Id: 4/5

Alarm Detector

Microphone



Sheet: /AlarmDetect/
File: AlarmDetect.sch

Title:

Size: A4

Date:

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Rev:

Id: 5/5