

IntRoLab

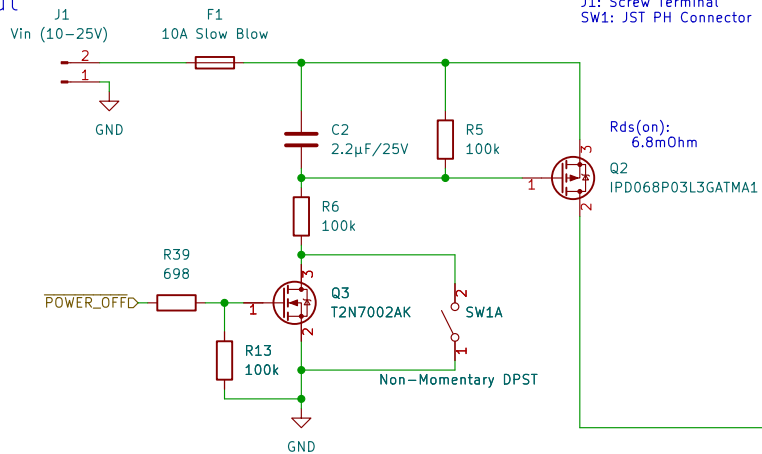
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File: psu_control.kicad_sch

Title: PSU Control

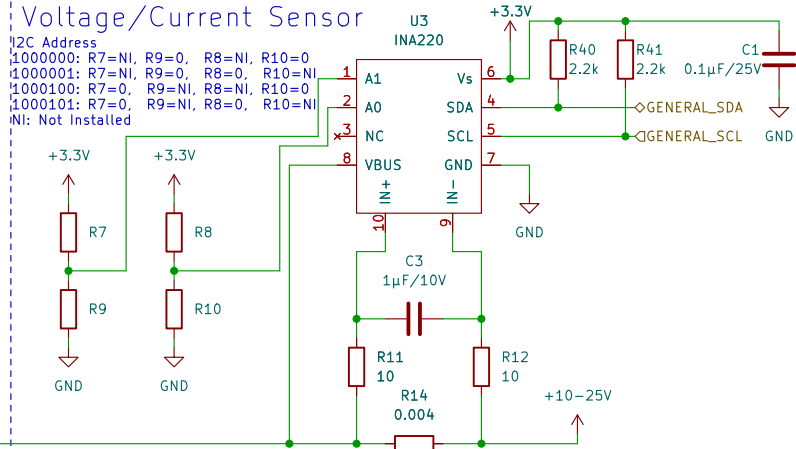
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KiCad E.D.A. kicad 6.0.9-8da3e8f707-116-ubuntu20.04.1

Rev: 1/6

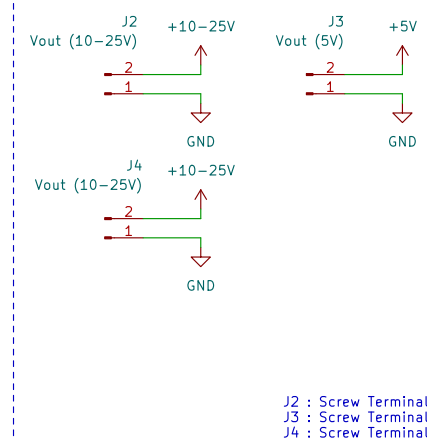
Input



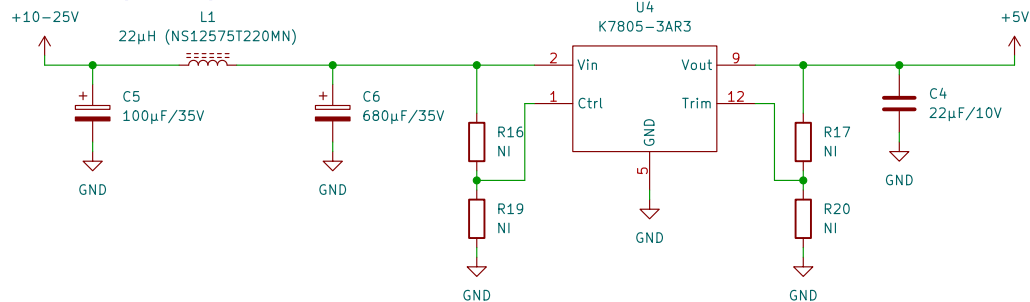
Voltage/Current Sensor



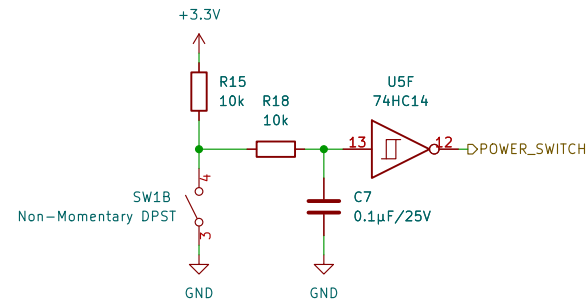
Power Output



5V Voltage Regulator



Power Switch Signal



Sheet: /Power/
File: power.kicad_sch

Title:

Size: A4

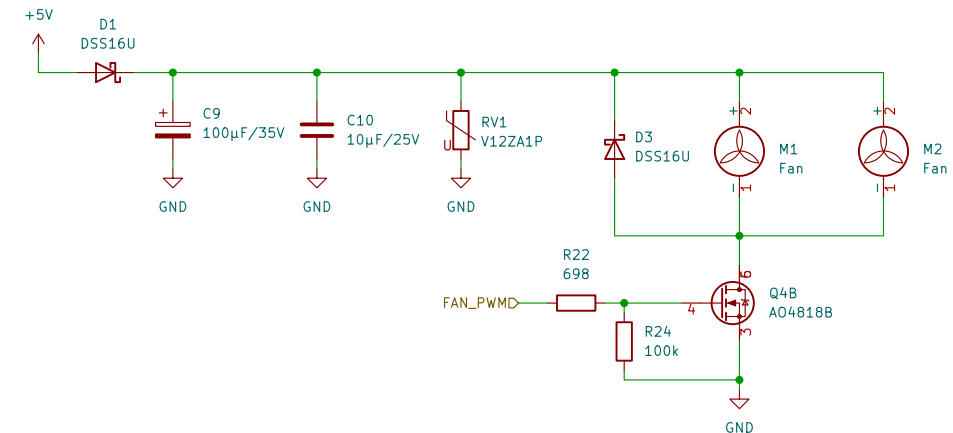
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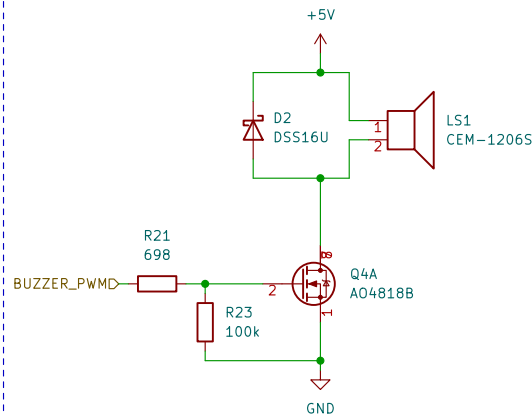
Rev:

Id: 2/6

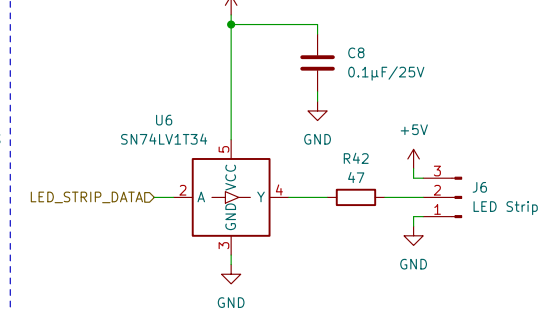
Fans



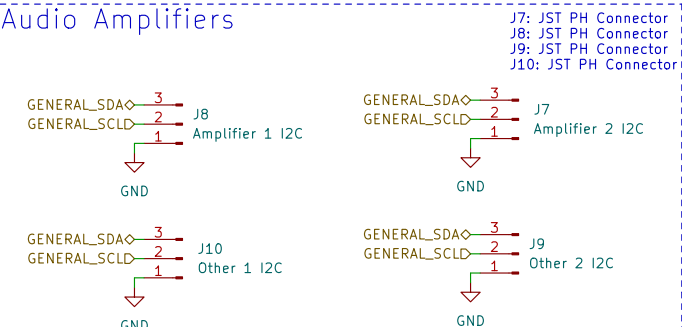
Buzzer



LED Strip



Audio Amplifiers



Sheet: /Actuators/
File: actuators.kicad_sch

Title:

Size: A4

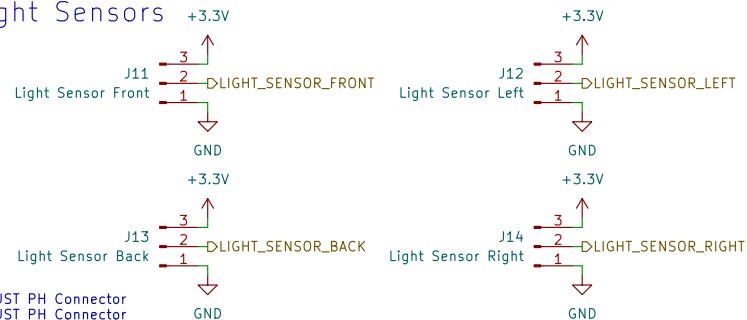
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KiCad E.D.A. kicad 6.0.9-8da3e8f707-116-ubuntu20.04.1

Rev:

Id: 3/6

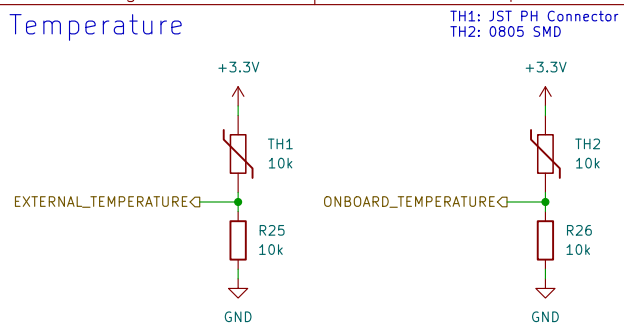
Light Sensors



J11: JST PH Connector
J12: JST PH Connector
J13: JST PH Connector
J14: JST PH Connector

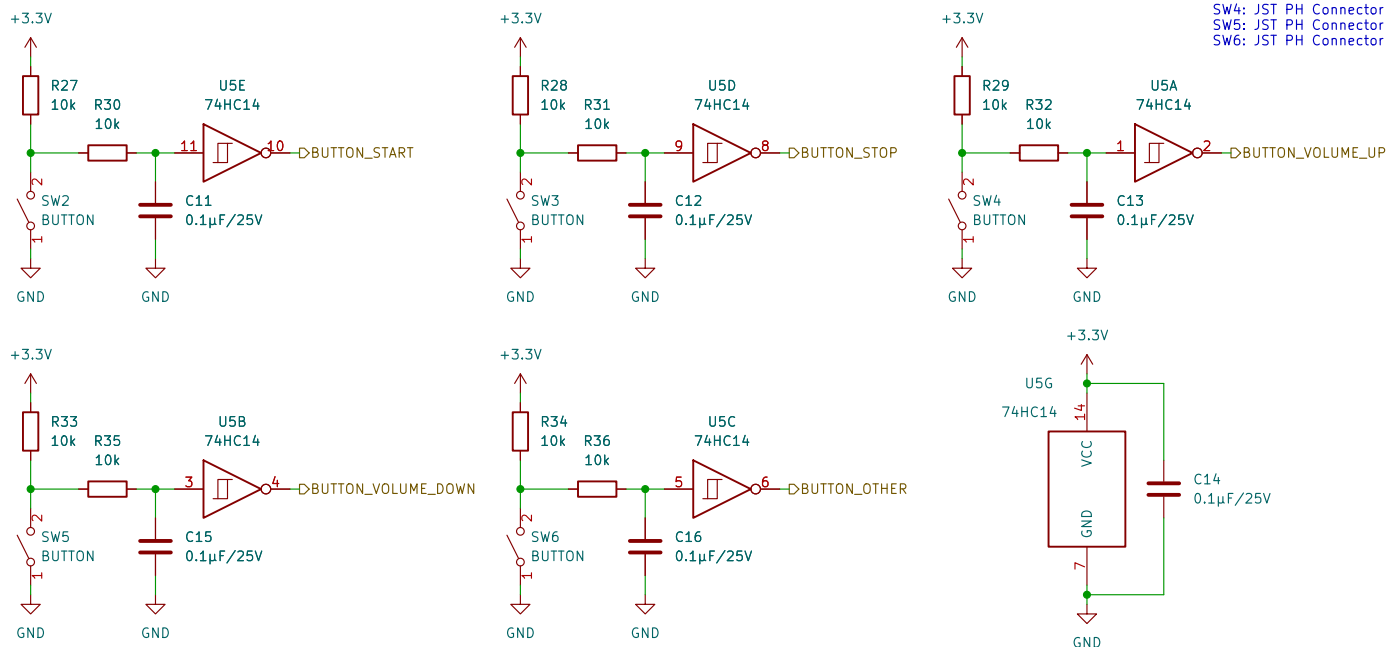
Light Sensor Model: Adafruit 2748

Temperature



TH1: JST PH Connector
TH2: 0805 SMD

Buttons



SW2: JST PH Connector
SW3: JST PH Connector
SW4: JST PH Connector
SW5: JST PH Connector
SW6: JST PH Connector

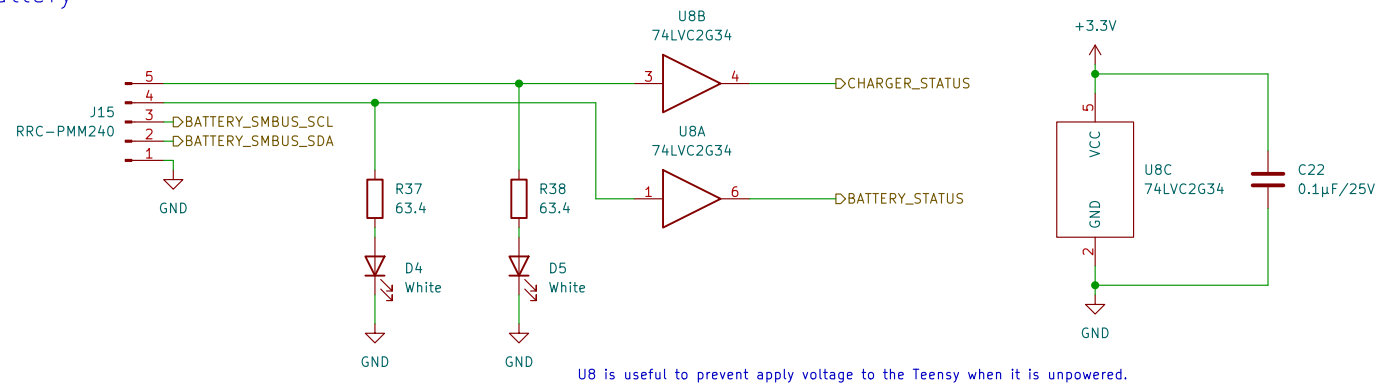
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Size: A4 Date: Kicad E.D.A. kicad 6.0.9-8da3e8f707-116-ubuntu20.04.1

Rev: Id: 4/6

Battery



Sheet: /Battery/
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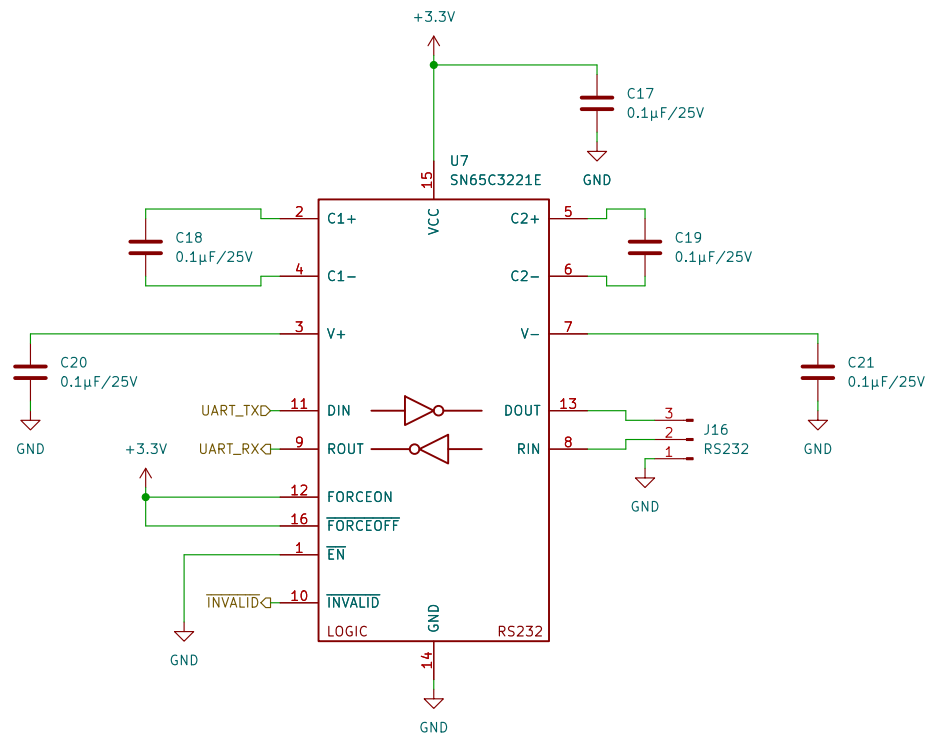
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KiCad E.D.A. kicad 6.0.9-8da3e8f707-116-ubuntu20.04.1

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Id: 5/6

RS232

J16: JST XH Connector



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Date:

Rev:
Id: 6/6