

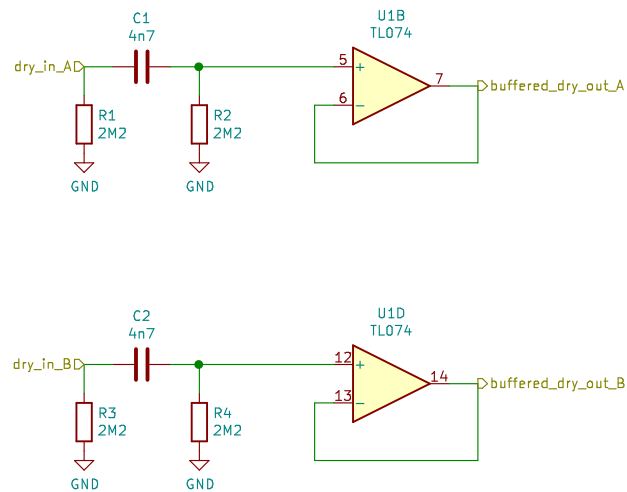
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Sheet: /
File: stereo_whooshy_sound_main_pcb.sch

Title: Stereo Whooshy Sound

Size: A4 Date: 2021-08-07
KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Rev: 0
Id: 1/11



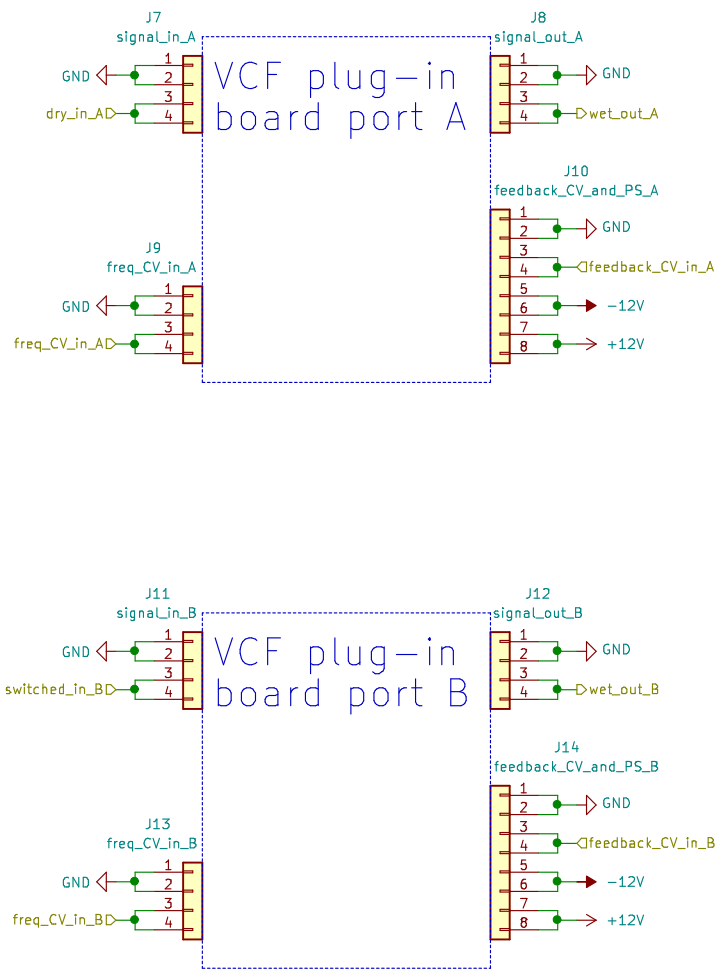
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 File: audio_input_buffers.sch

Title: Stereo Whooshy Sound

Size: A4
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Date: 2021-08-07
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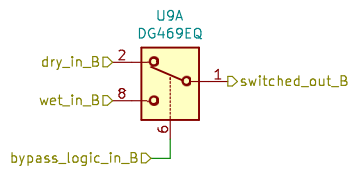
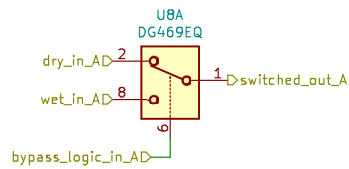


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File: VCF_plug_in_board_ports.sch

Title: Stereo Whooshy Sound

Size: A4	Date: 2021-08-07	Rev: 0
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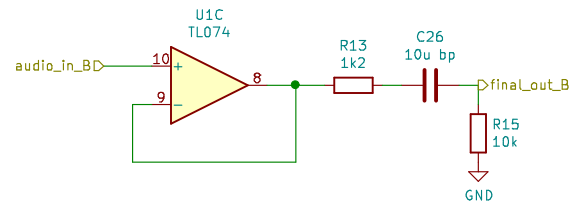
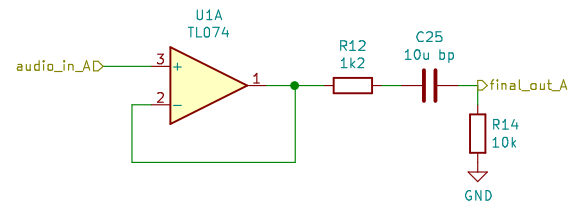


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Sheet: /bypass_switches/
File: bypass_switches.sch

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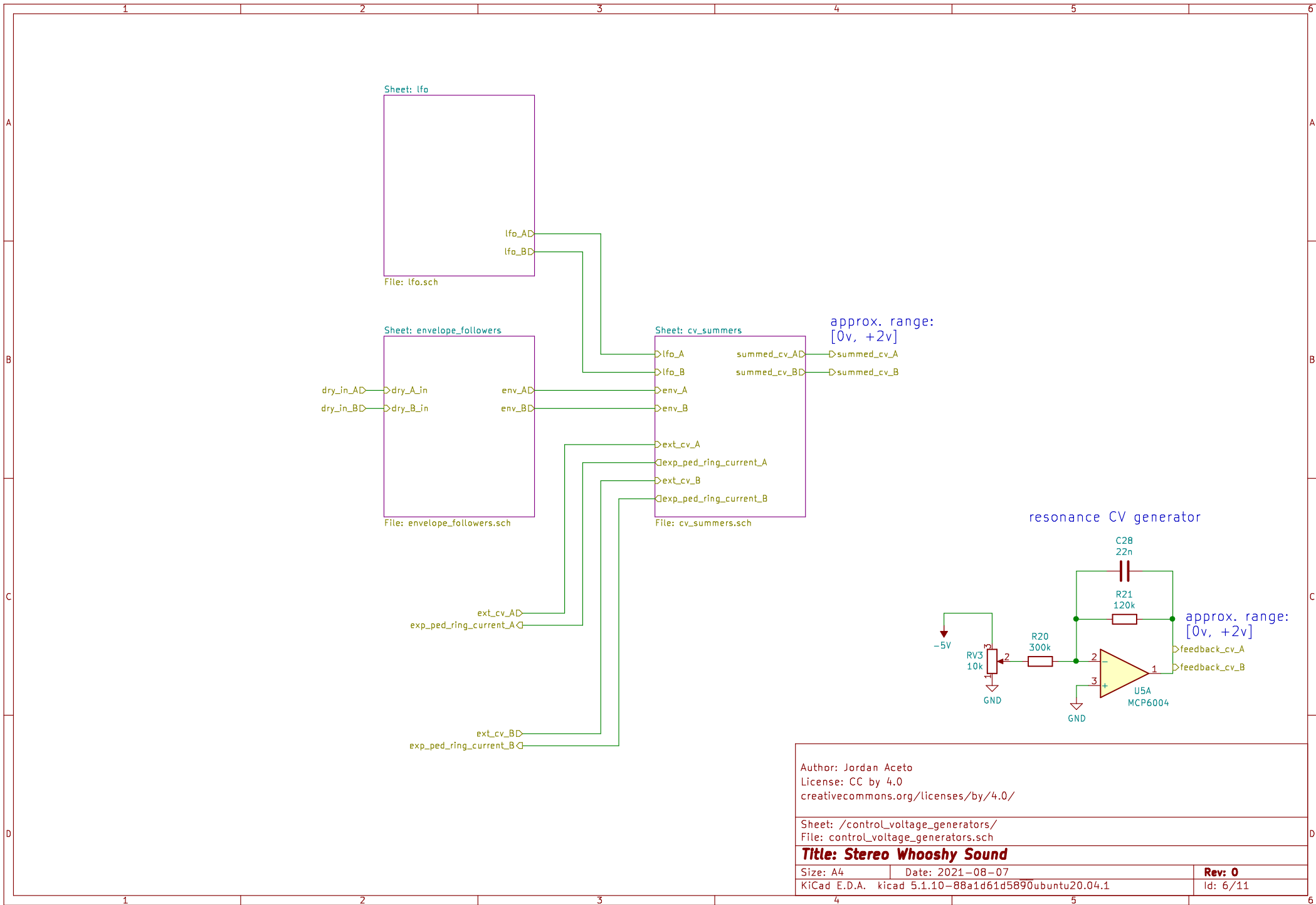
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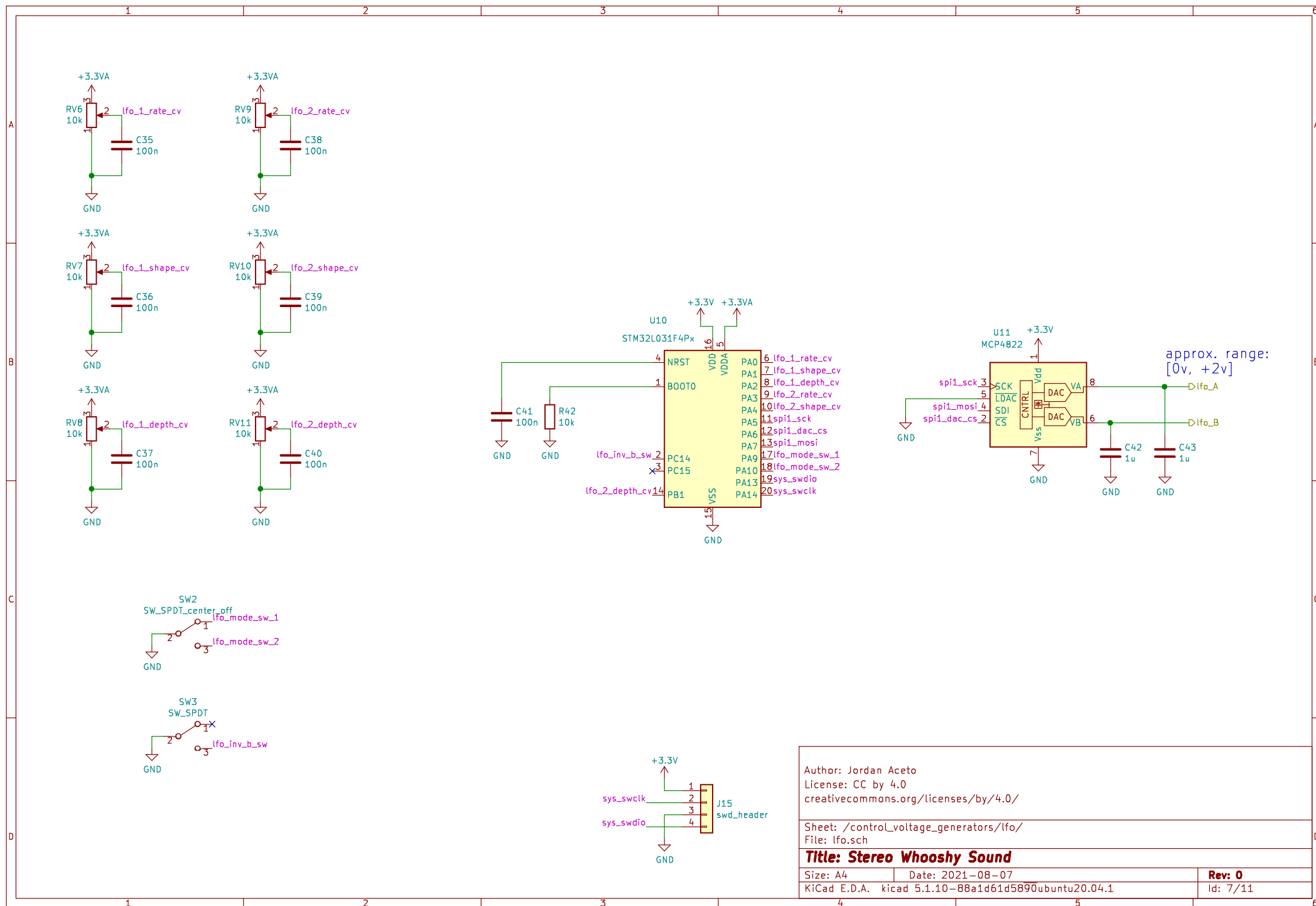
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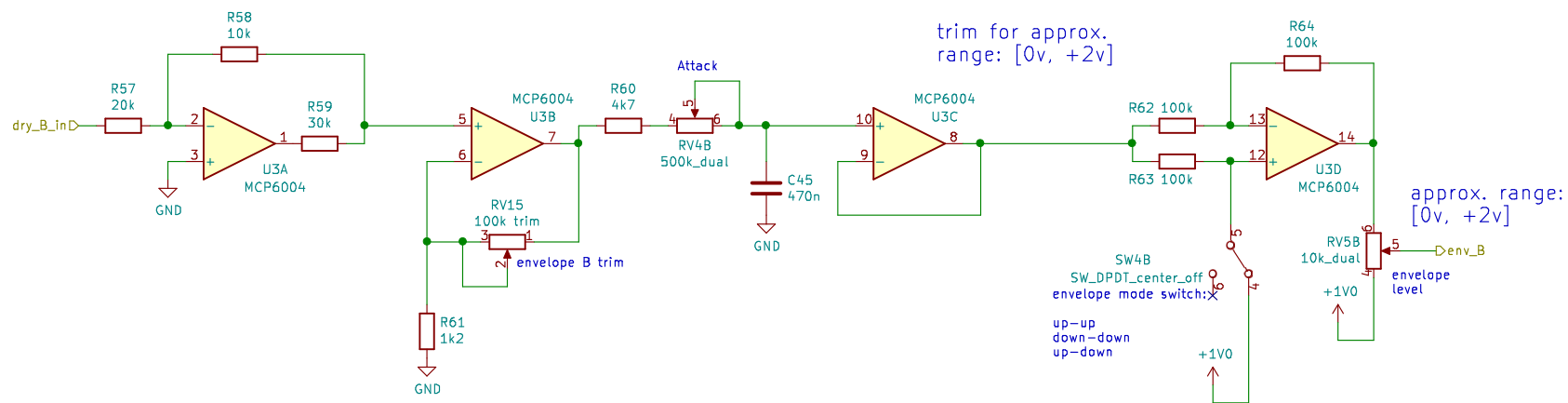
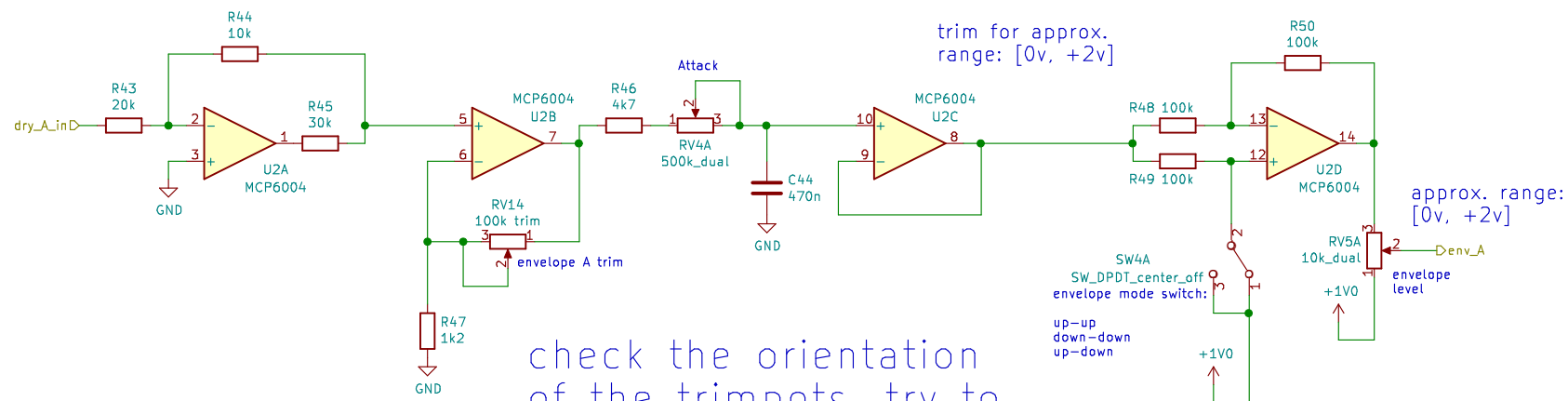
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Size: A4
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File: envelope_followers.sch

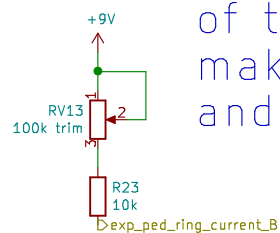
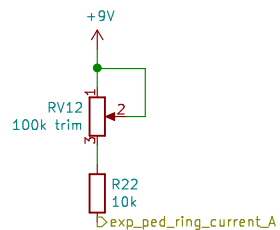
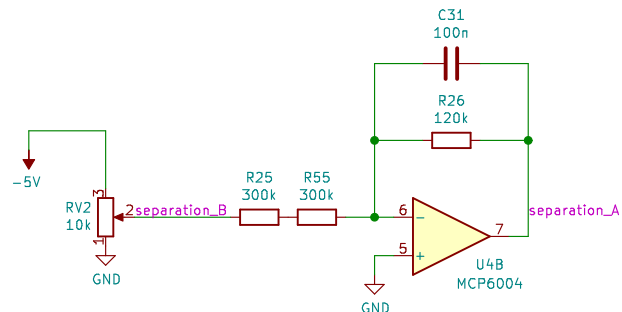
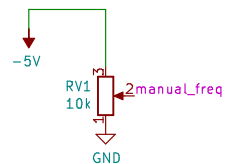
Title: Stereo Whooshy Sound

Size: A4 Date: 2021-08-07

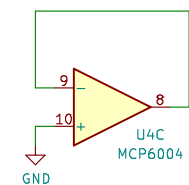
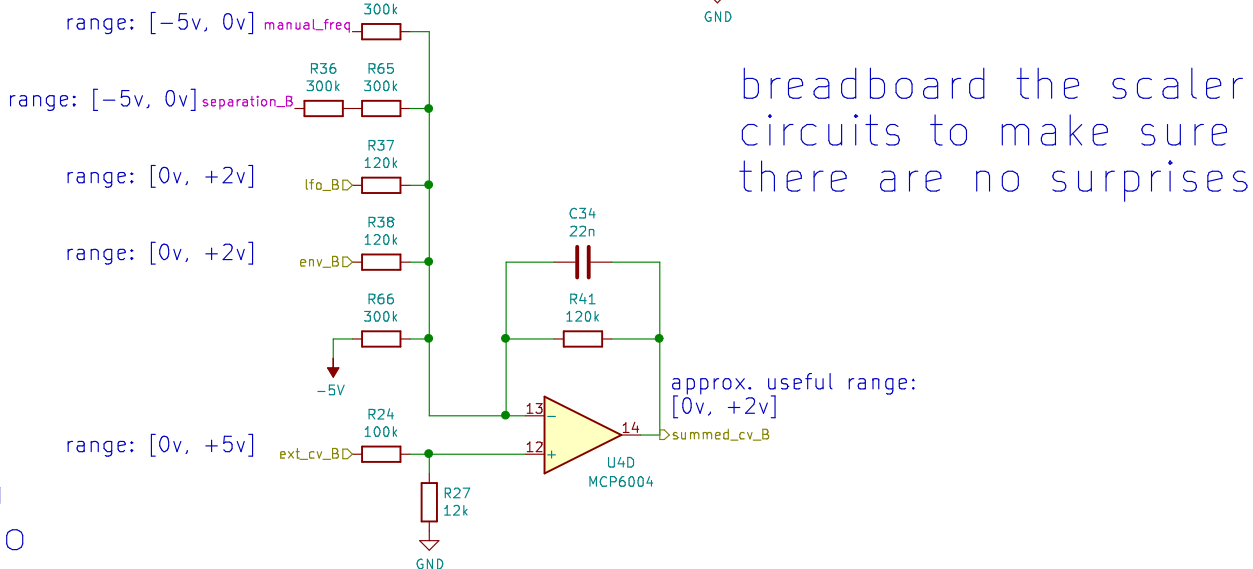
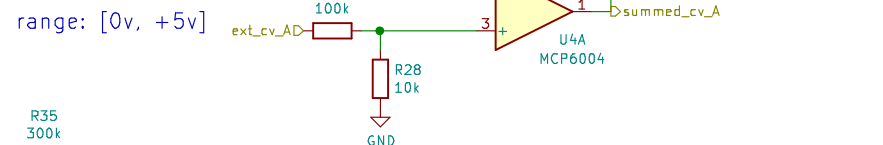
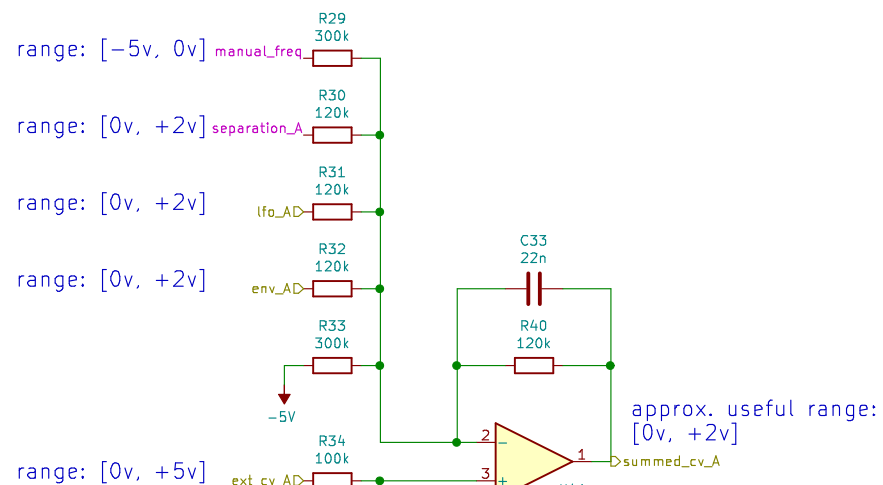
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check the orientation of the trim pots, try to make it so they turn up and down intuitively



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Sheet: /control_voltage_generators/cv_summers/
File: cv_summers.sch

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breadboard the scaler circuits to make sure there are no surprises

approx. useful range: [0v, +2v]

approx. useful range: [0v, +2v]

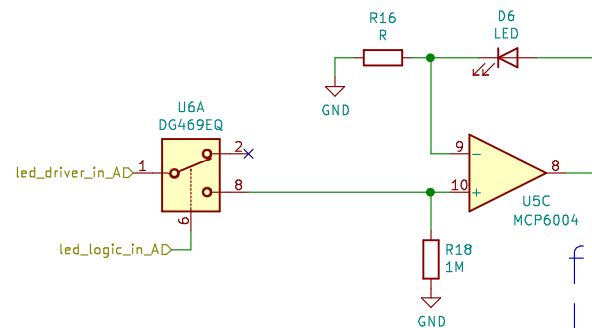
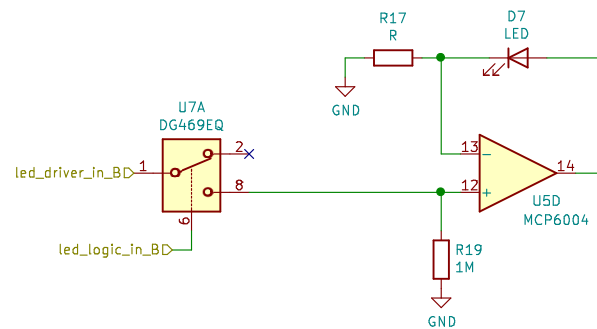


figure out the
LED current
limiting resistors



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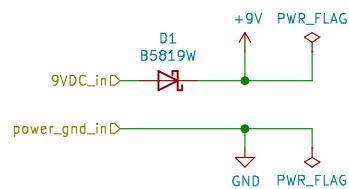
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File: led_drivers.sch

Title: Stereo Whooshy Sound

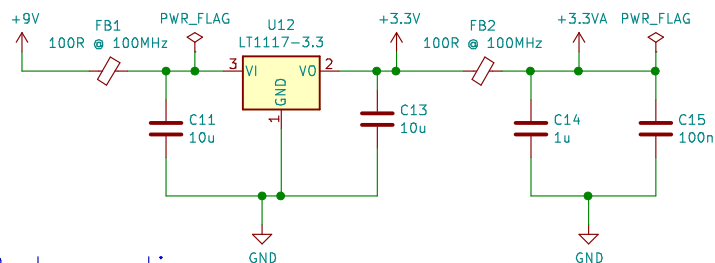
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KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Rev: 0
Id: 10/11

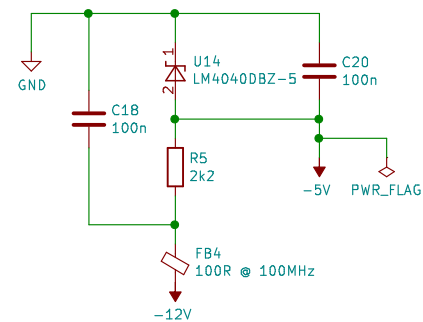
+9 volt power entry



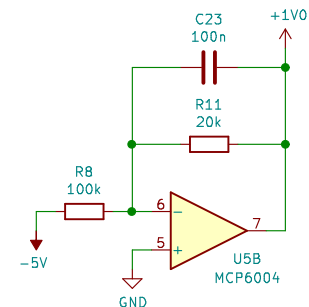
+3.3 volt regulator



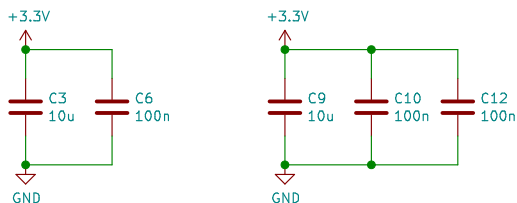
-5 volt reference



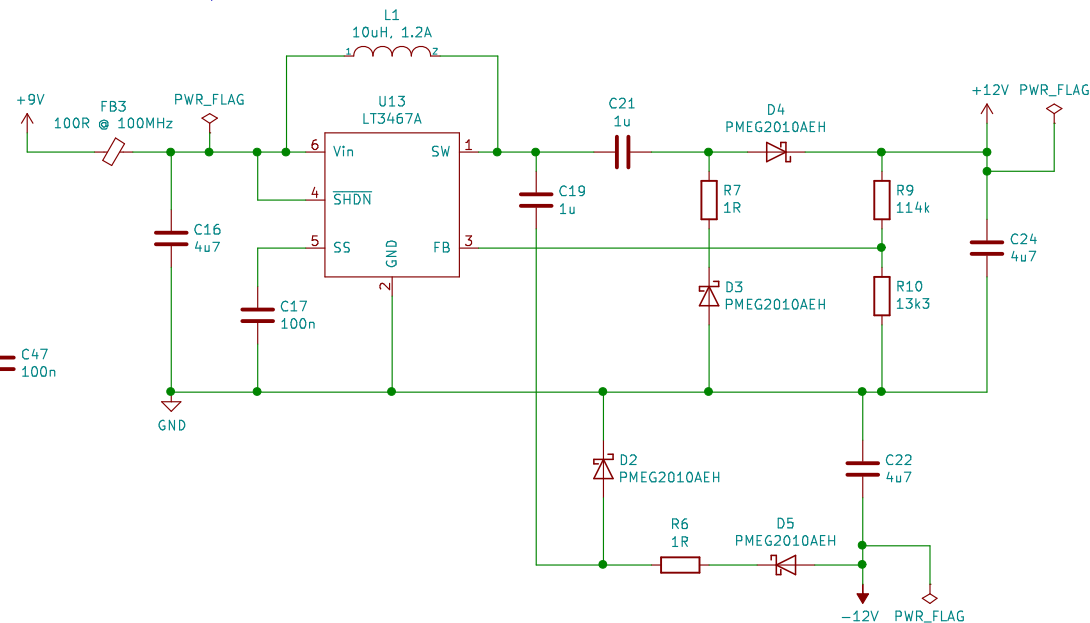
+1 volt reference



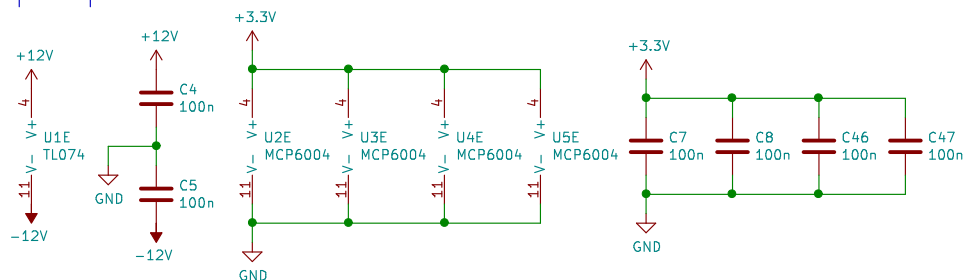
DAC decoupling STM32 decoupling



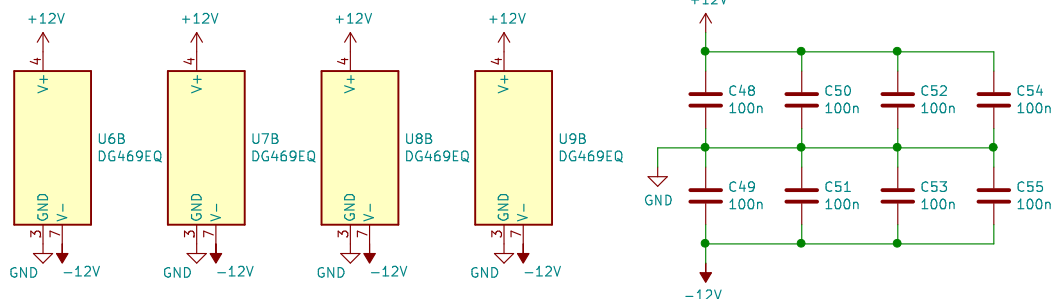
+/-12 volt DC-DC converter



opamps



analog switches



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Sheet: /power_supply/
File: power_supply.sch

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