

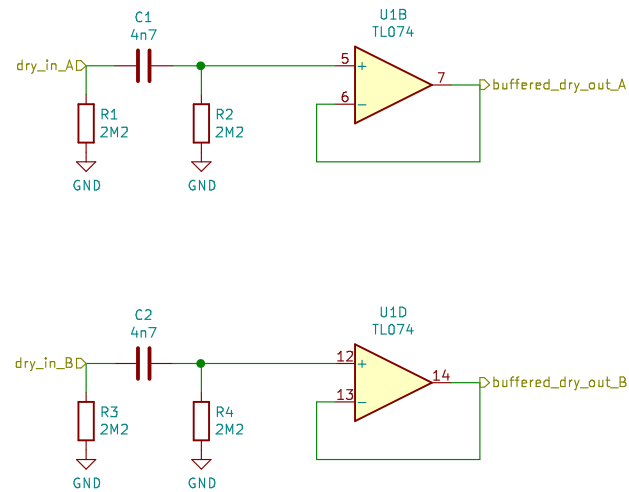
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Sheet: /  
File: stereo\_whooshy\_sound\_main\_pcb.sch

**Title: Stereo Whooshy Sound**

Size: A4  
KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Date: 2021-08-07  
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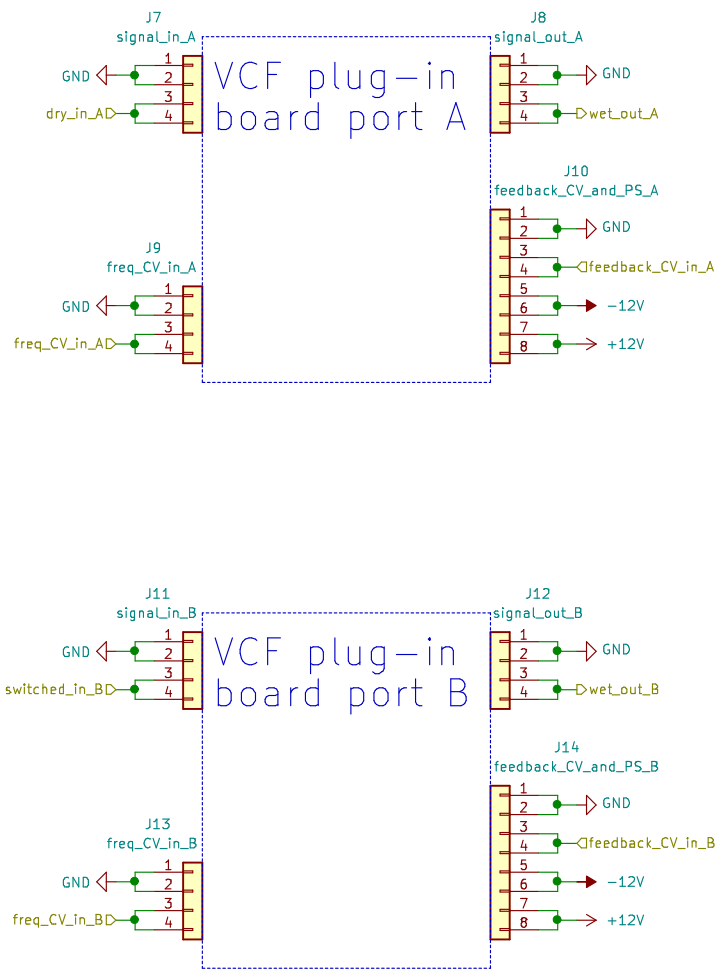
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Sheet: /audio\_input\_buffers/  
 File: audio\_input\_buffers.sch

**Title: Stereo Whooshy Sound**

Size: A4  
 KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Date: 2021-08-07  
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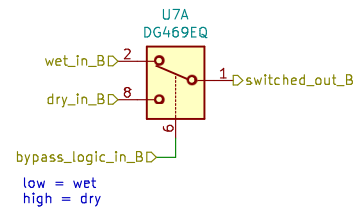
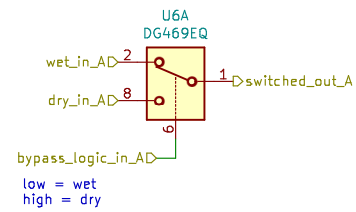


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File: VCF\_plug\_in\_board\_ports.sch

**Title: Stereo Whooshy Sound**

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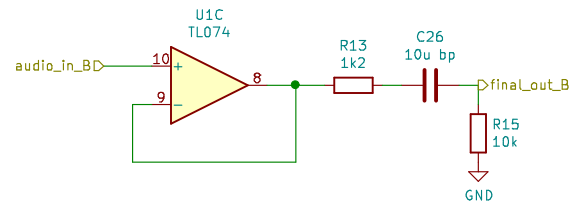
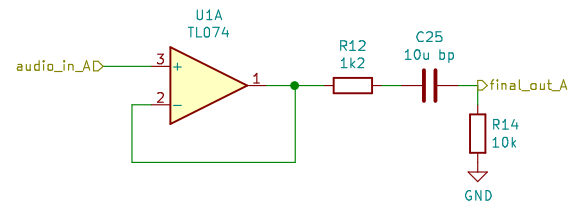
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**Title: Stereo Whooshy Sound**

Size: A4  
KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

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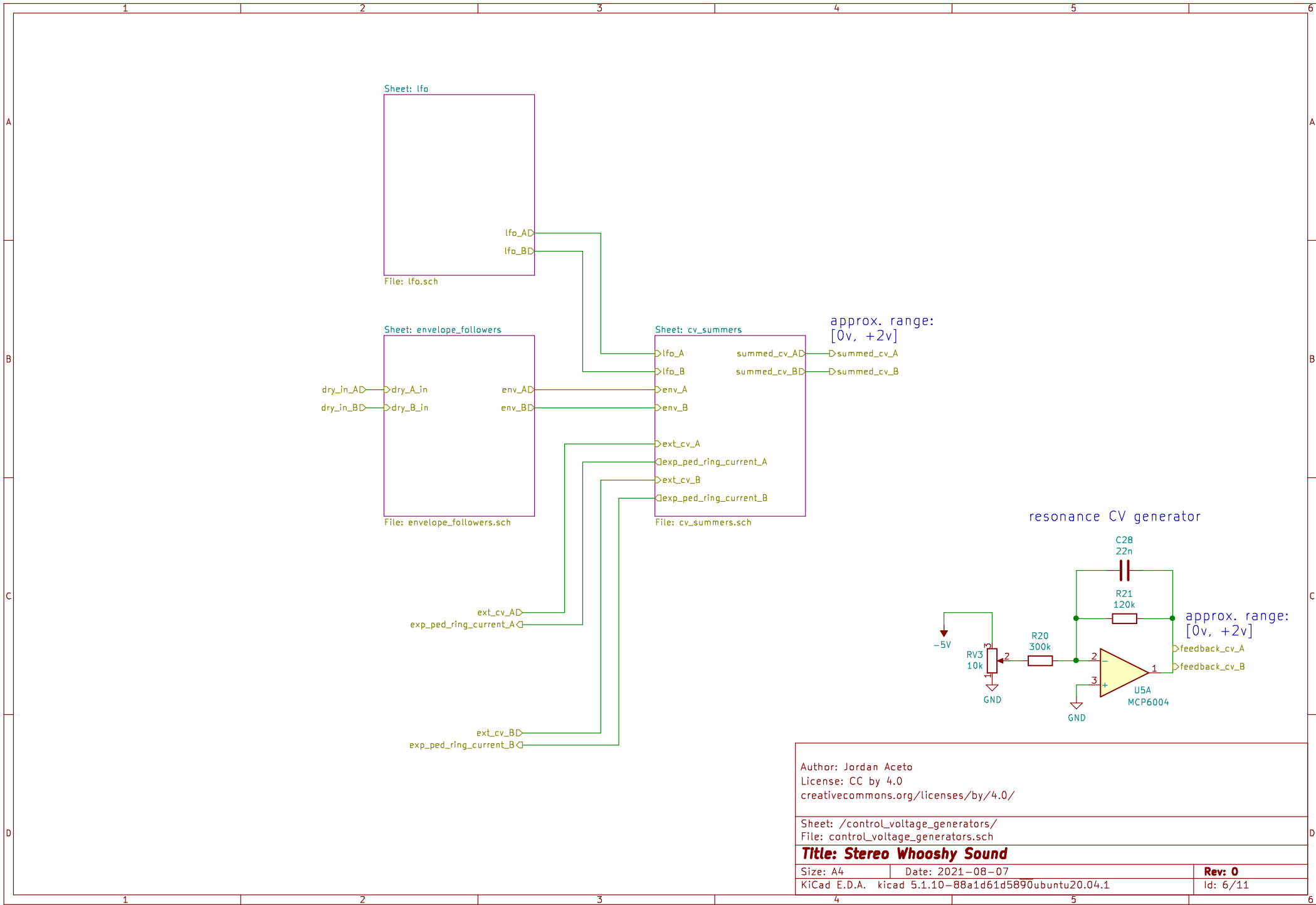
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Sheet: /audio\_output\_buffers/  
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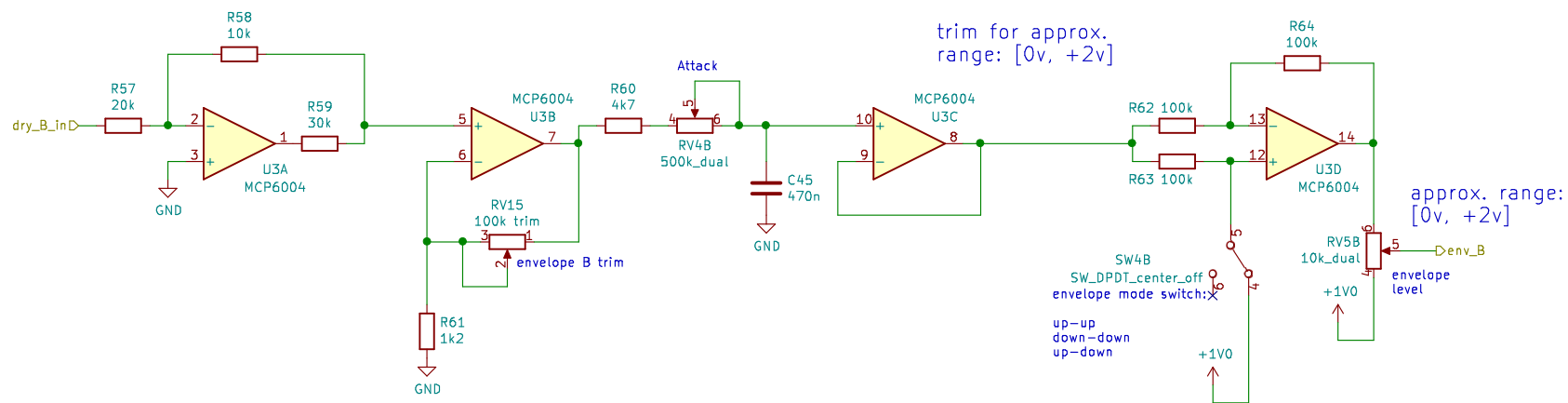
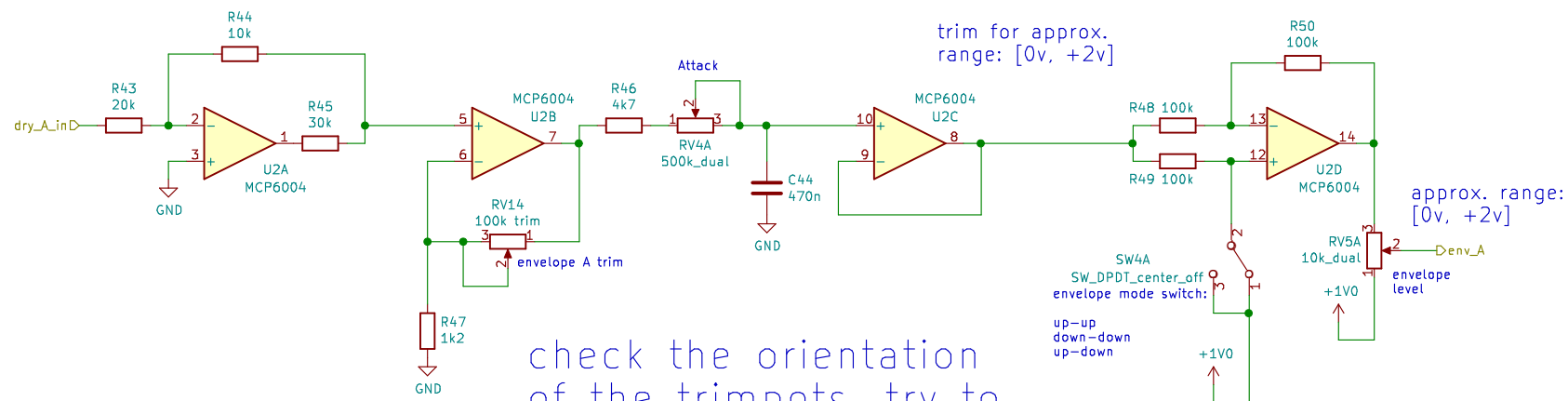
**Title: Stereo Whooshy Sound**

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

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Sheet: /control\_voltage\_generators/envelope\_followers/  
File: envelope\_followers.sch

**Title: Stereo Whooshy Sound**

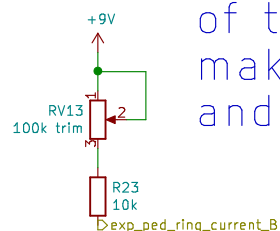
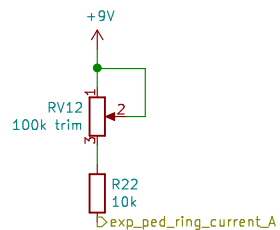
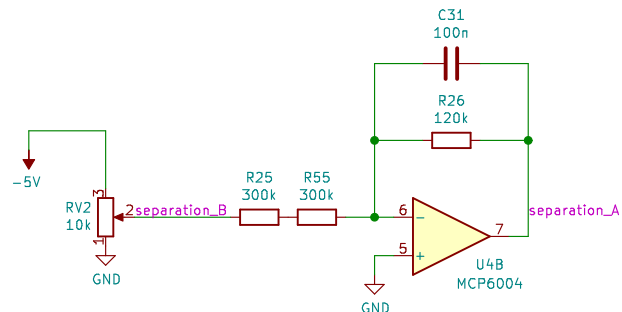
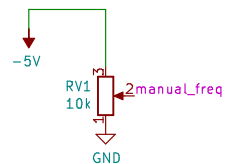
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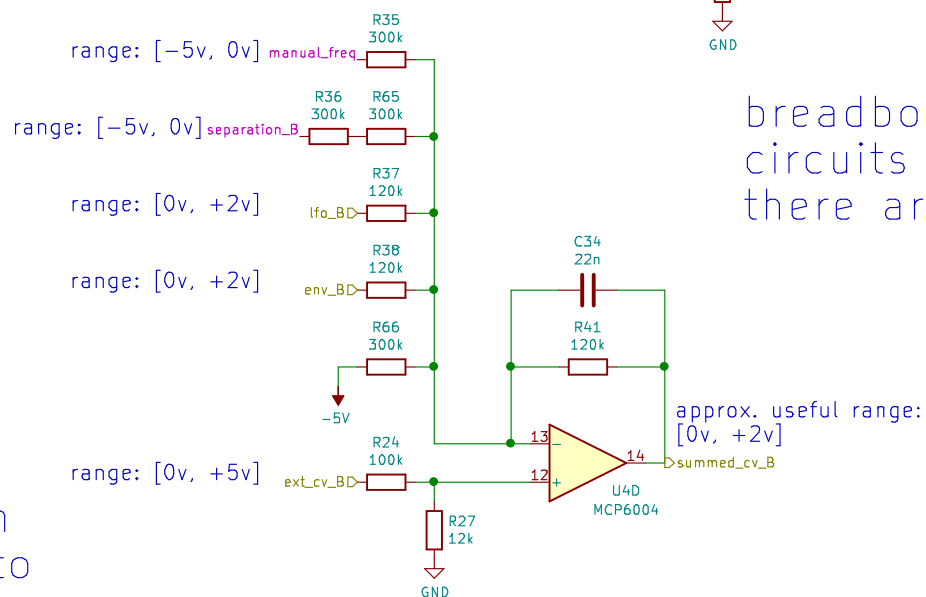
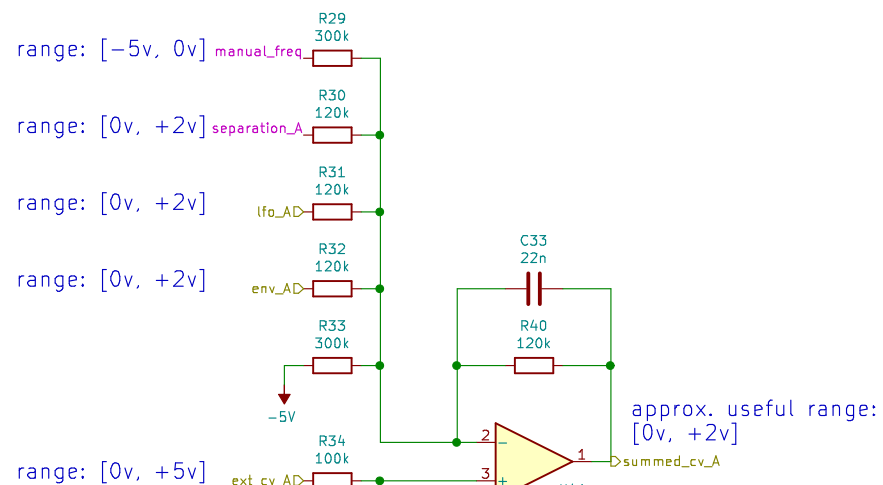
Rev: 0

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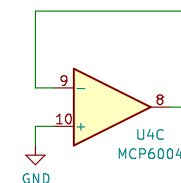




check the orientation of the trim pots, try to make it so they turn up and down intuitively



breadboard the scaler circuits to make sure there are no surprises



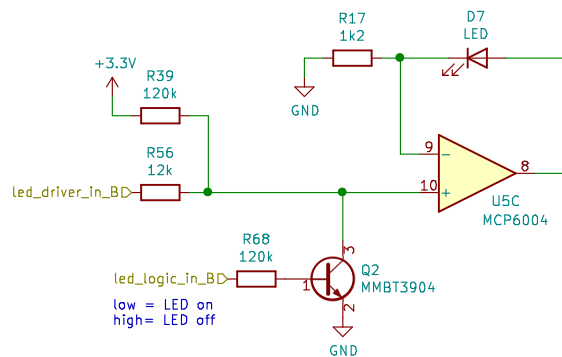
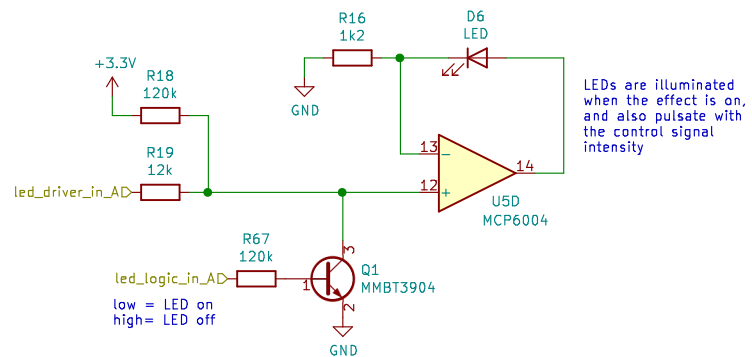
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Sheet: /control\_voltage\_generators/cv\_summers/  
File: cv\_summers.sch

**Title: Stereo Whooshy Sound**

Size: A4 Date: 2021-08-07  
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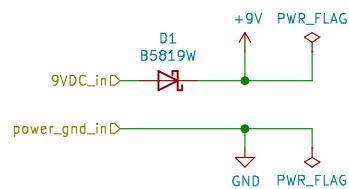
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File: led\_drivers.sch

**Title: Stereo Whooshy Sound**

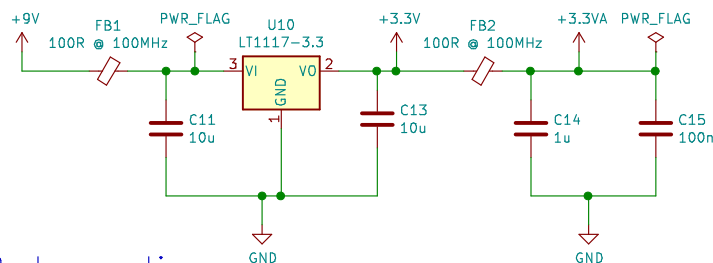
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Date: 2021-08-07  
Rev: 0  
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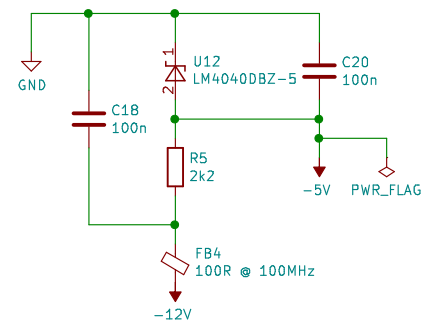
## +9 volt power entry



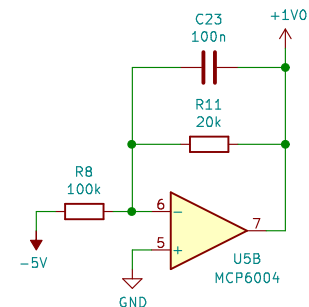
## +3.3 volt regulator



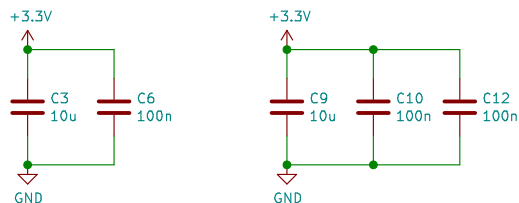
## -5 volt reference



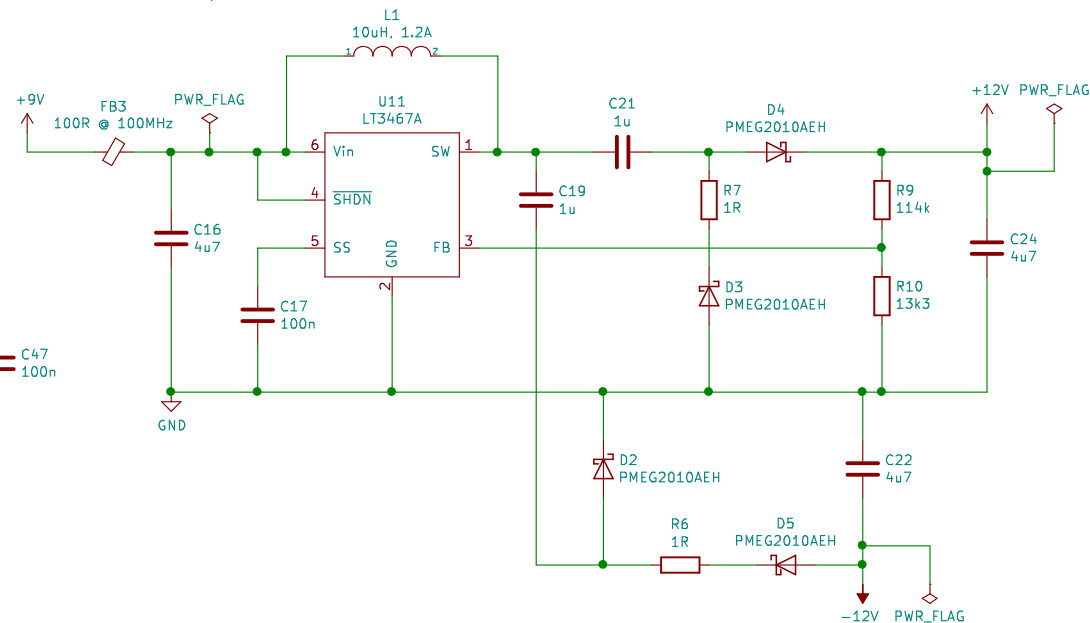
## +1 volt reference



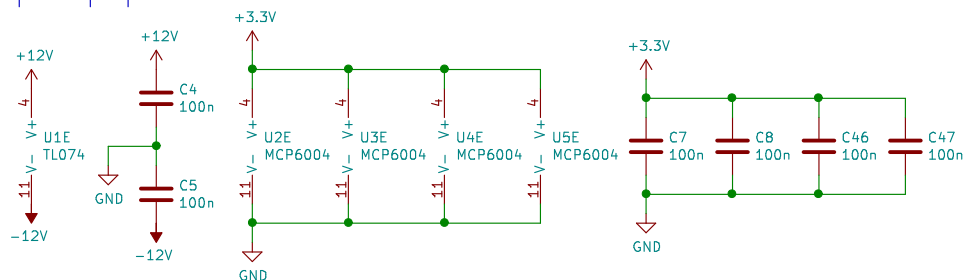
## DAC decoupling STM32 decoupling



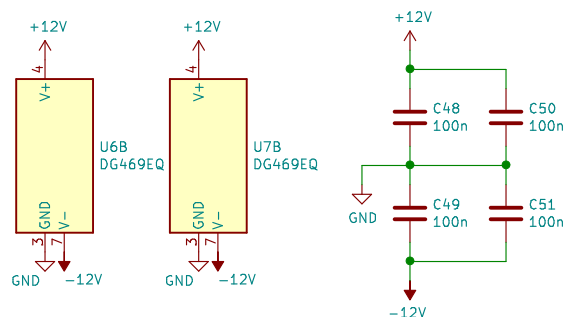
## +/-12 volt DC-DC converter



## opamp power



## analog switch power



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Sheet: /power\_supply/  
File: power\_supply.sch

**Title: Stereo Whooshy Sound**

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