

1 2 3 4 5 6

A

A

B

B

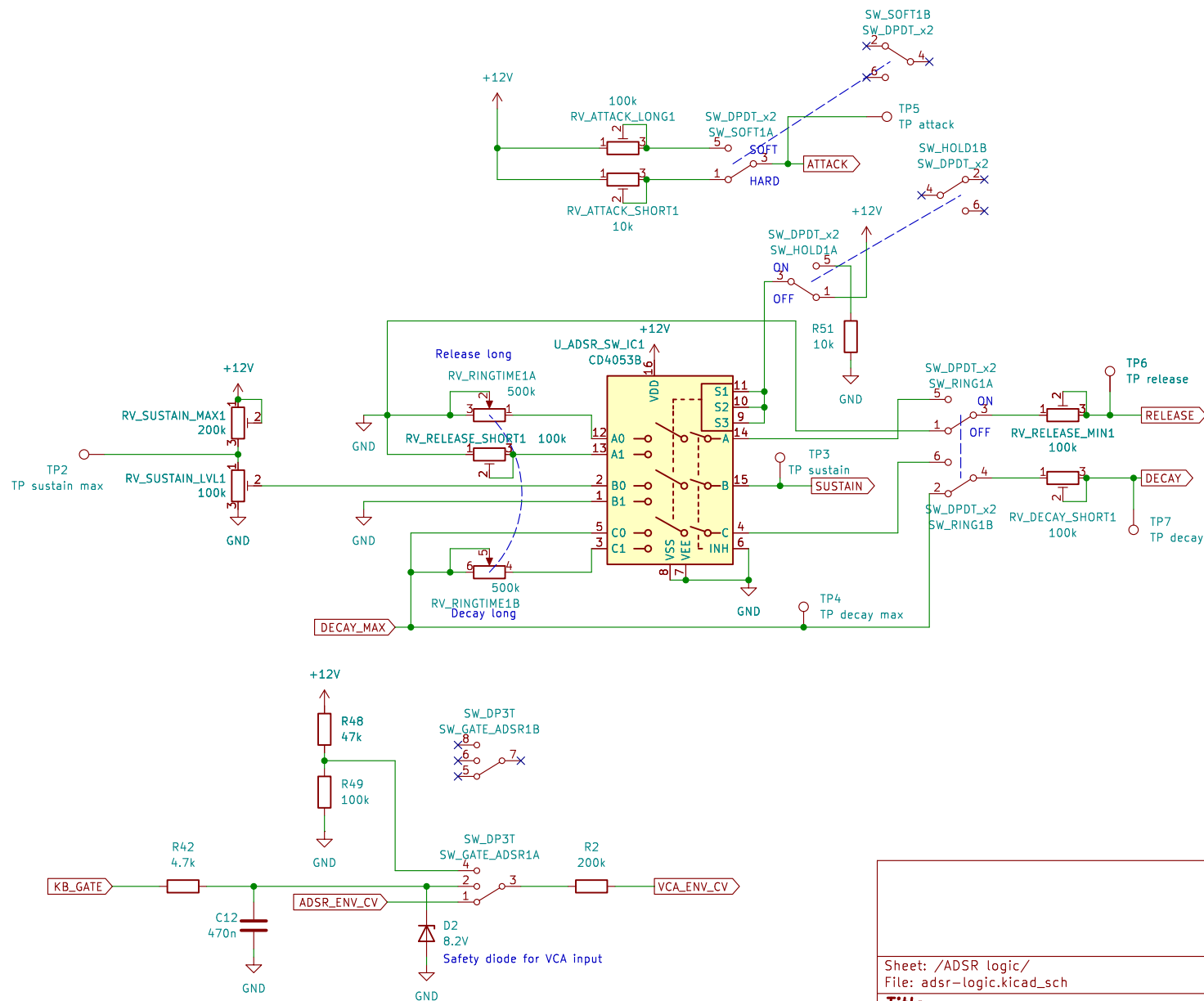
C

C

D

D

1 2 3 4 5 6



Sheet: /ADSR logic/  
File: adsr-logic.kicad\_sch

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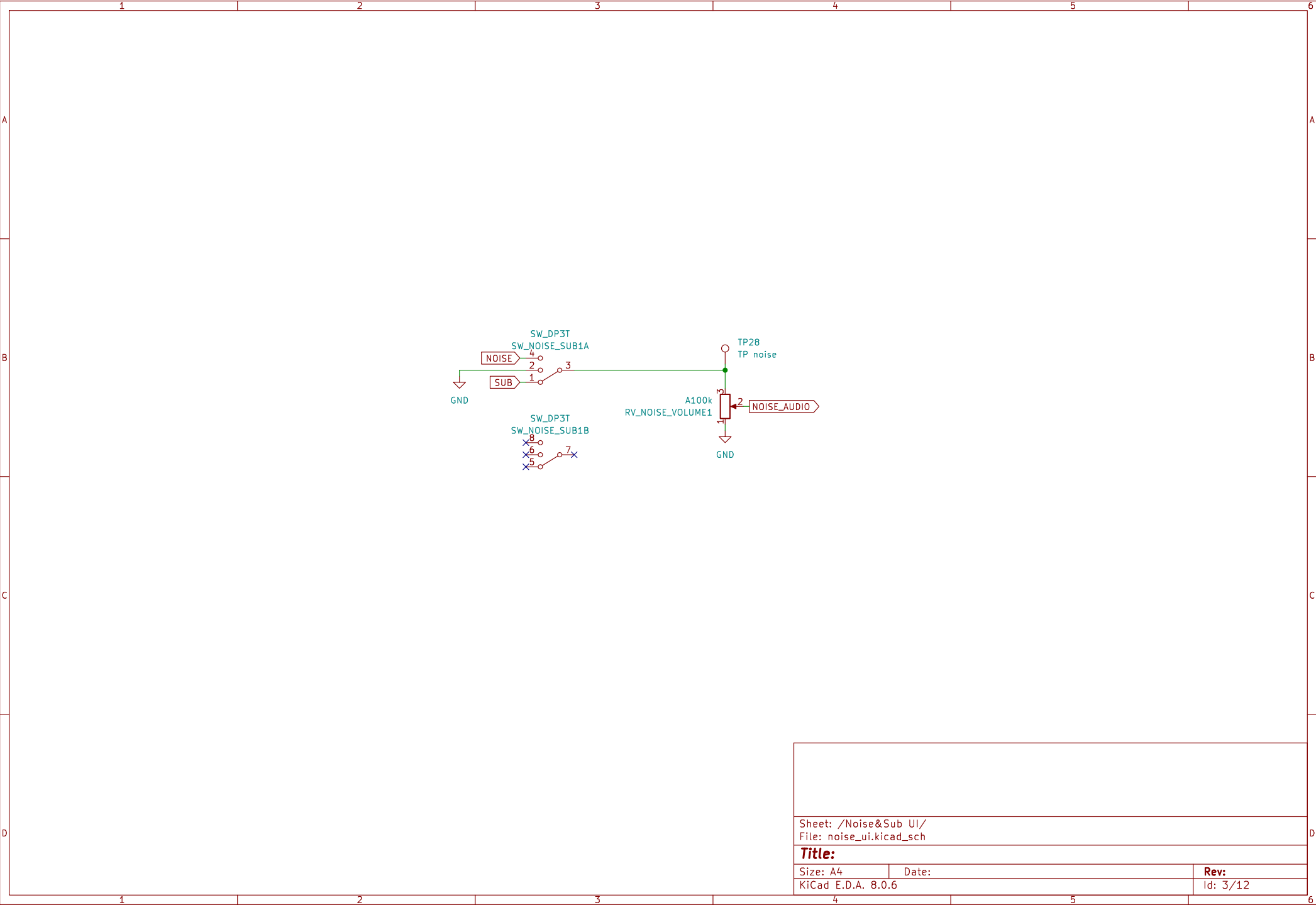
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.6

Id: 2/12



Sheet: /Noise&Sub UI/  
File: noise\_ui.kicad\_sch

**Title:**

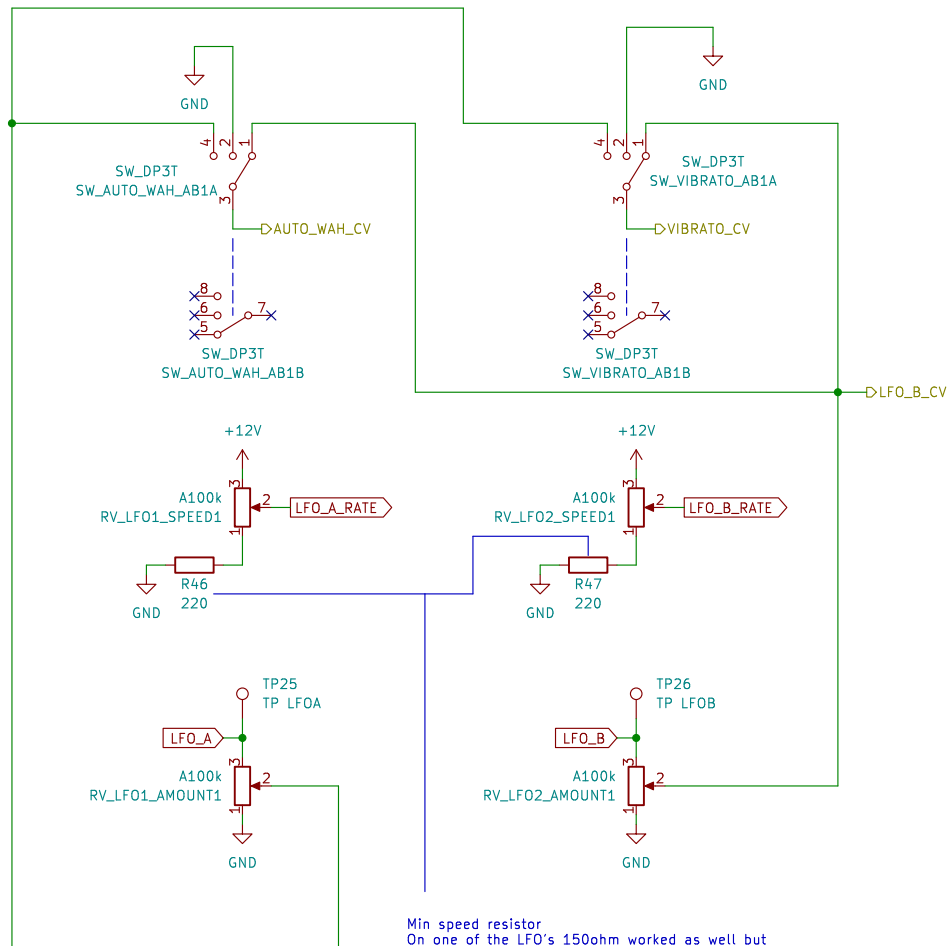
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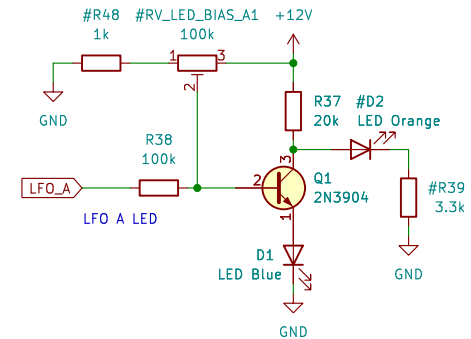
KiCad E.D.A. 8.0.6

**Rev:**

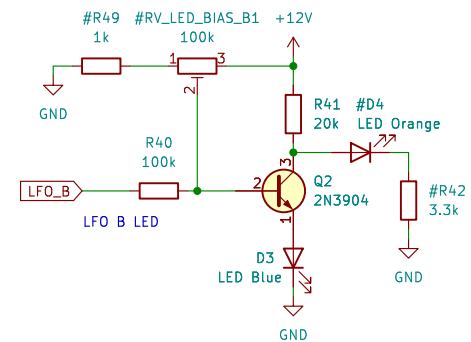
Id: 3/12



Min speed resistor  
On one of the LFO's 150ohm worked as well but  
on the other, the oscillator couldn't start.  
220ohm is a safe bet.



LED resistor values  
R37 & R41 values should be picked according to:  
- Blue LEDs: 20kΩ  
- Non-blue LEDs: 10kΩ



Sheet: /LFOs/  
File: lfo\_ui.kicad\_sch

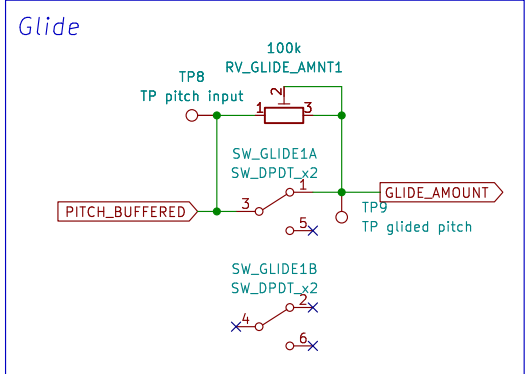
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Size: A4 Date:

KiCad E.D.A. 8.0.6

**Rev:**

Id: 4/12



Sheet: /Glide/  
File: glide\_ui.kicad\_sch

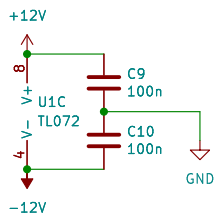
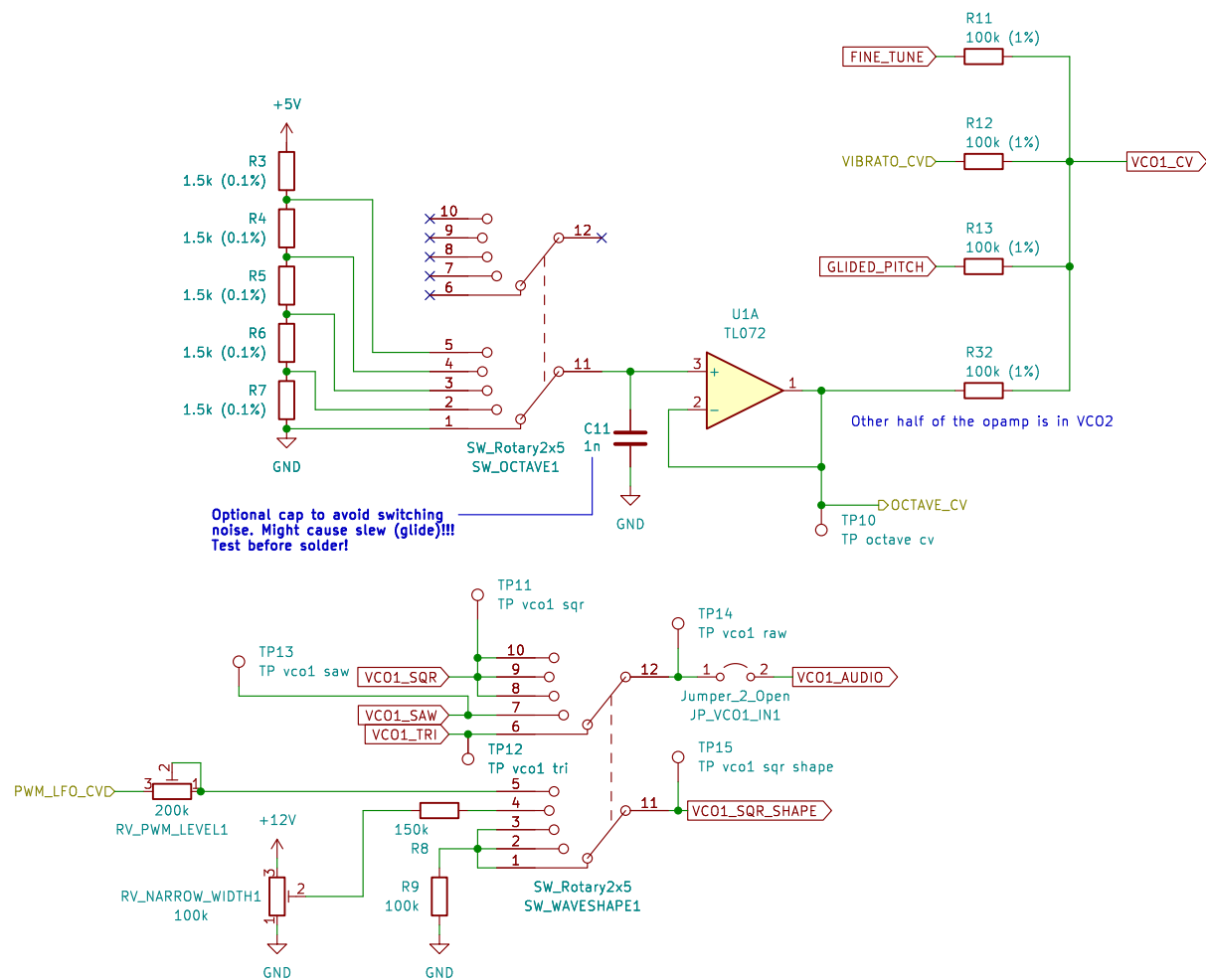
**Title:**

Size: A4 Date:

KiCad E.D.A. 8.0.6

**Rev:**

Id: 5/12



Sheet: /VCO1/  
File: vco1-ui.kicad\_sch

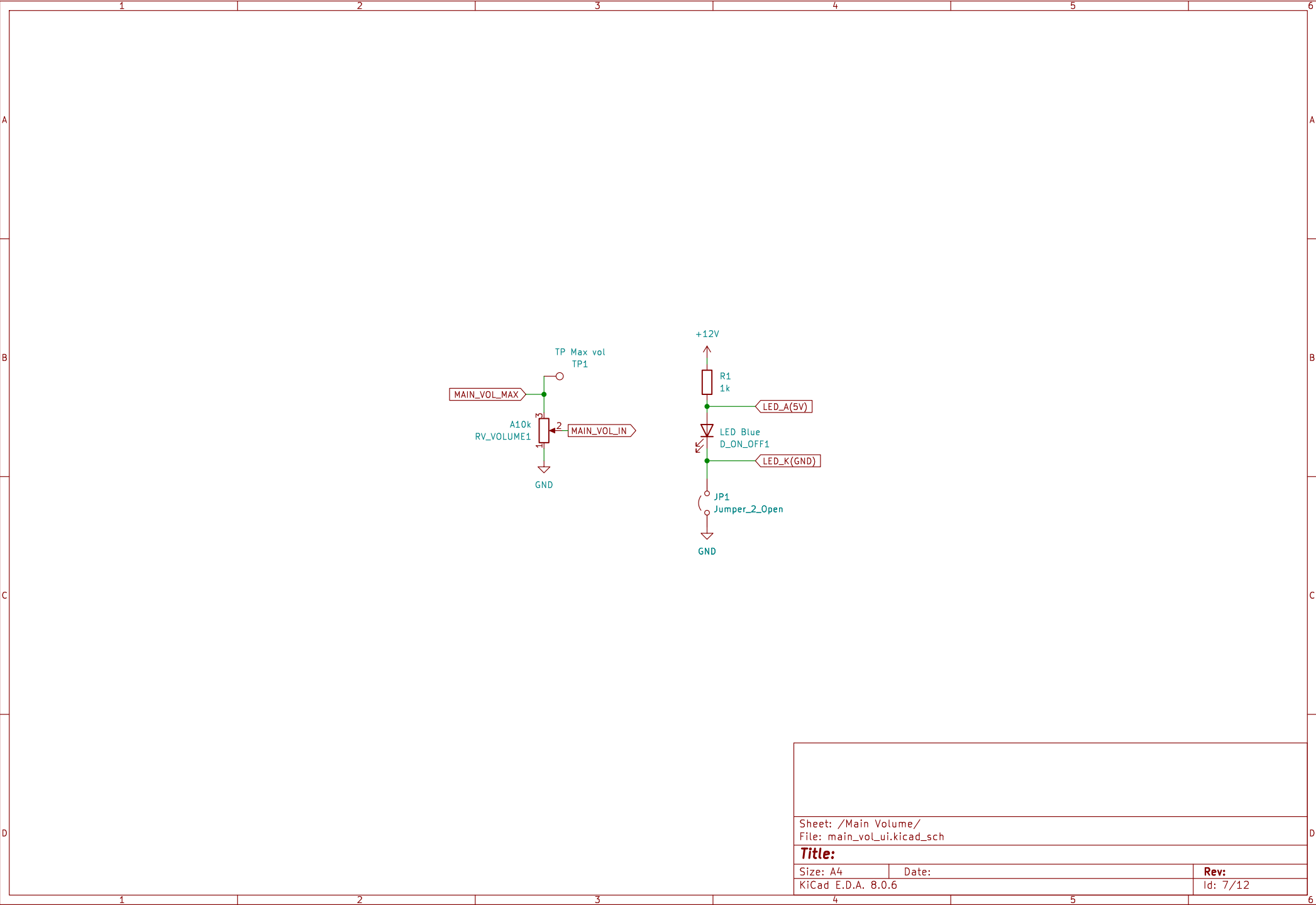
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KiCad E.D.A. 8.0.6

Date:

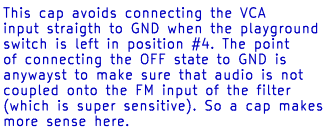
Rev:

Id: 6/12

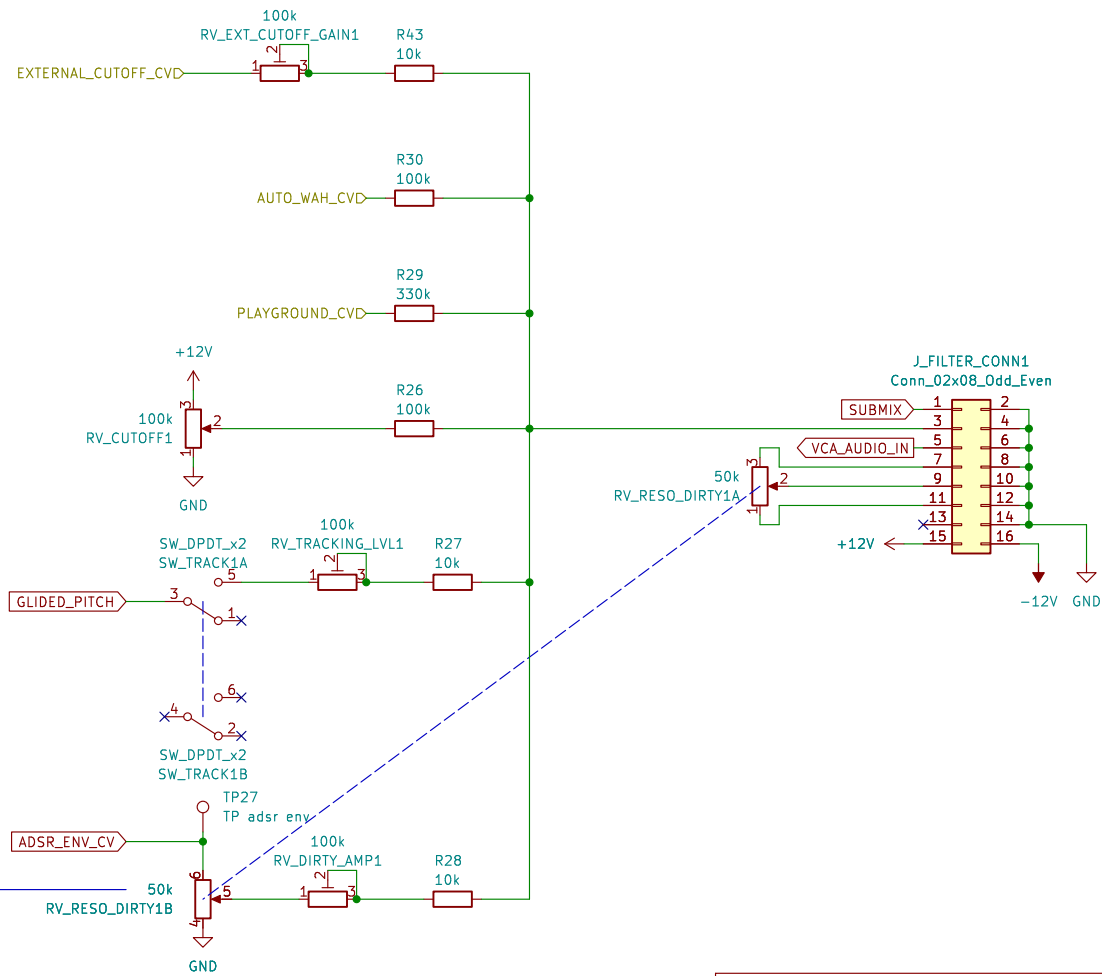






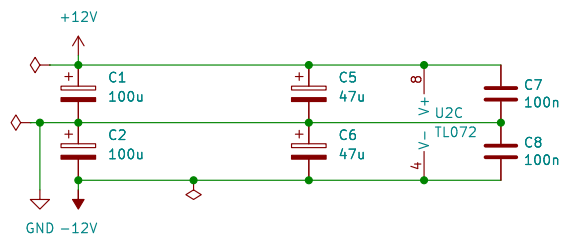


Id: 9/12

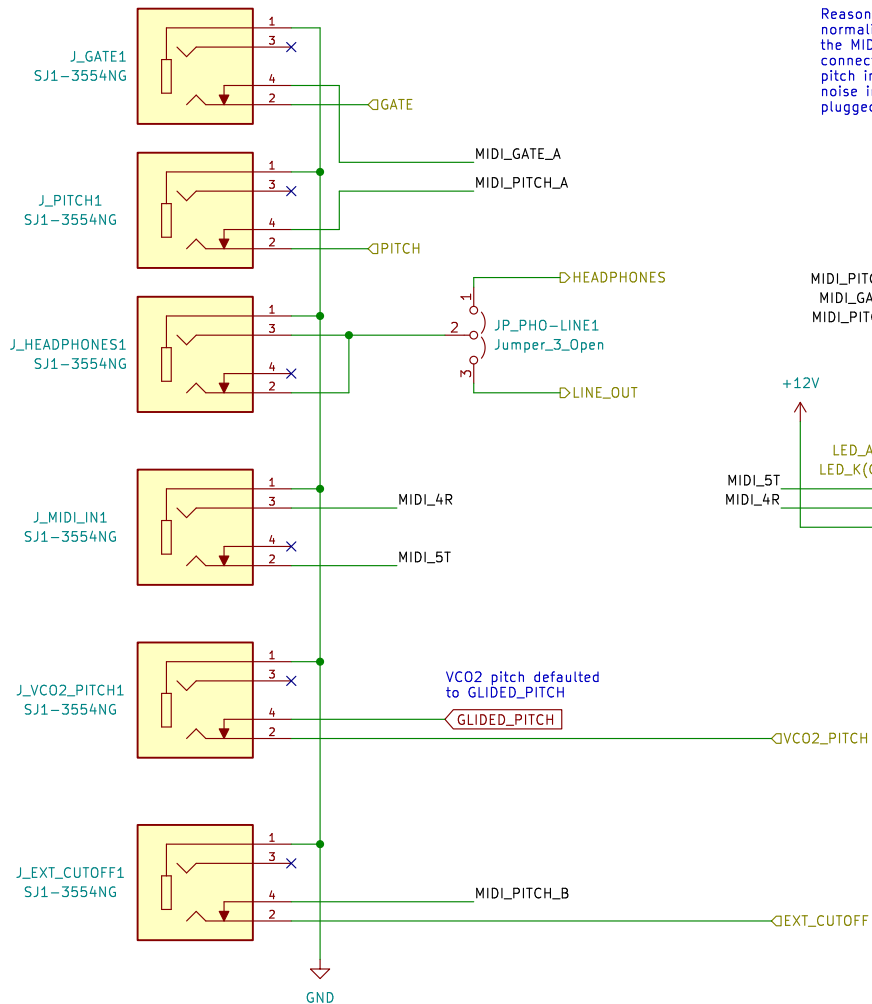
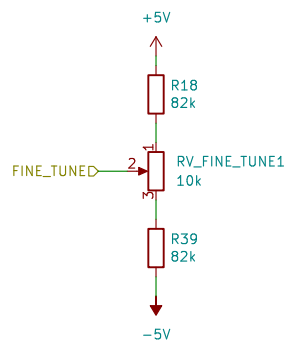


- H12 MountingHole
- H11 MountingHole

Sheet: /Filter/ File: filter_ui.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.6		Id: 10/12

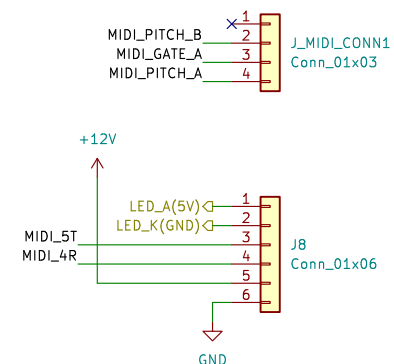


<b>Title:</b>		
Size: A4	Date:	<b>Rev:</b>
KICad E.D.A. 8.0.6		Id: 11/12



TLDR: connect gate and pitch1 MIDI connections to ground if there's no internal MIDI2CV module.

Reason: if there's no internal MIDI2CV module that normalizes the gate and pitch inputs, then the MIDI gate and CV connections should be connected to ground. This way the GATE and pitch inputs are normalized to ground and noise inputs are avoided when there's no cable plugged in.



- H13 MountingHole
- H14 MountingHole

Sheet: /10/  
File: io.kicad\_sch

**Title:**

Size: A4 Date:

KiCad E.D.A. 8.0.6

**Rev:**

Id: 12/12