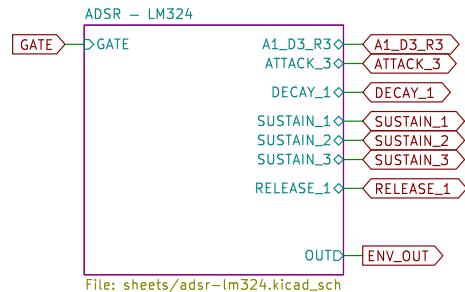


1 2 3 4 5 6

Modules

A



B



C

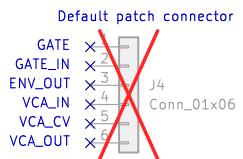
Power

D

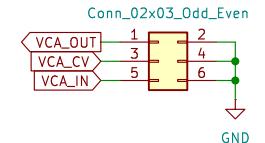
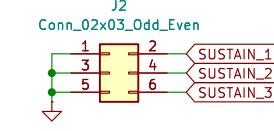
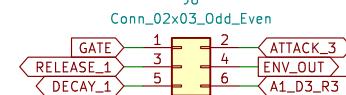


I/O

A



B



Shielding pairs
DO NOT GROUND ON UI BOARD!

H1
Mounting Hole

H2
Mounting Hole

H3
Mounting Hole

H4
Mounting Hole

Shmøergh

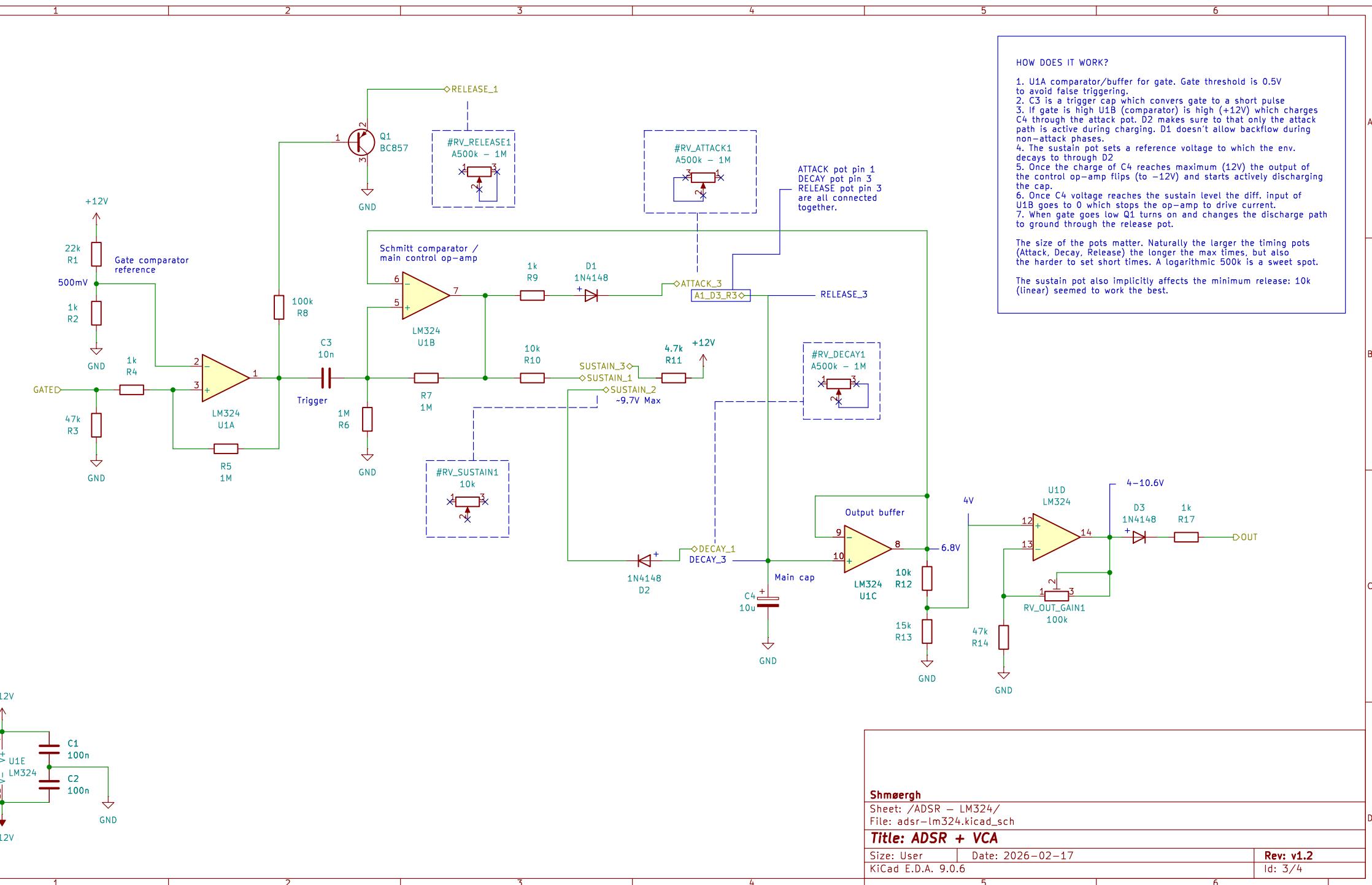
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Title: ADSR + VCA

Size: A4 Date: 2026-02-17
KiCad E.D.A. 9.0.6

Rev: v1.2
Id: 1/4

1 2 3 4 5 6

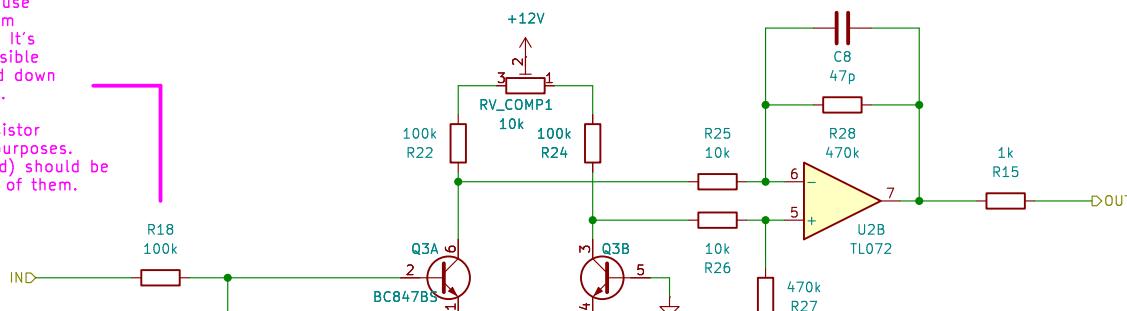


1 2 3 4 5 6

A

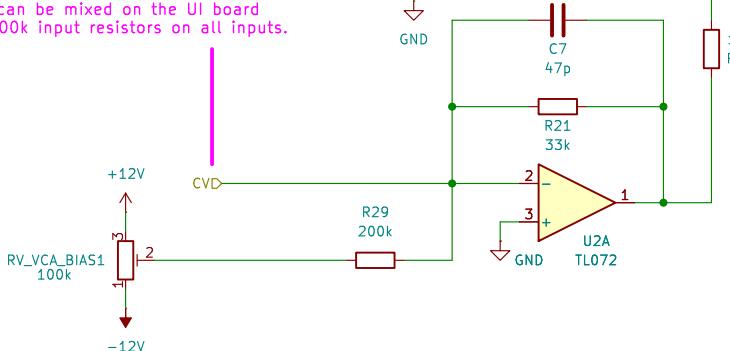
There was a crosstalk issue because the 100k resistor was too far from the input pin header on the PCB. It's now moved as close to it as possible so that the input signal is scaled down drastically as it enters the board.

Note that now there's a 100k resistor on the UI board too for testing purposes. Either that OR R18 (on this board) should be used, so make sure to short one of them.

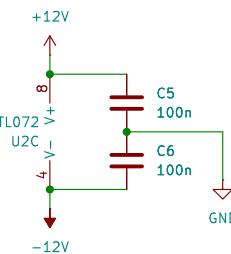


B

CV inputs can be mixed on the UI board by using 200k input resistors on all inputs.



C



D

Shmøergh

Sheet: /VCA/
File: vca.kicad_sch

Title: ADSR + VCA

Size: A4 Date: 2026-02-17
KiCad E.D.A. 9.0.6

Rev: v1.2
Id: 4/4

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

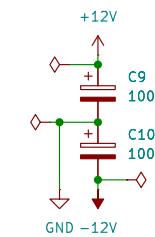
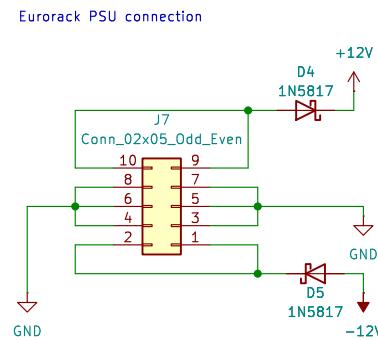
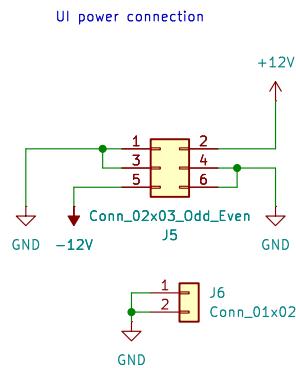
B

C

C

D

D



Shmøergh

Sheet: /Power/
File: power.kicad_sch

Title: ADSR + VCA

Size: A4 Date: 2026-02-17
KiCad E.D.A. 9.0.6

Rev: v1.2
Id: 4/4

1 2 3 4 5 6