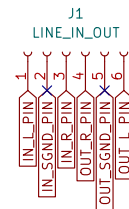
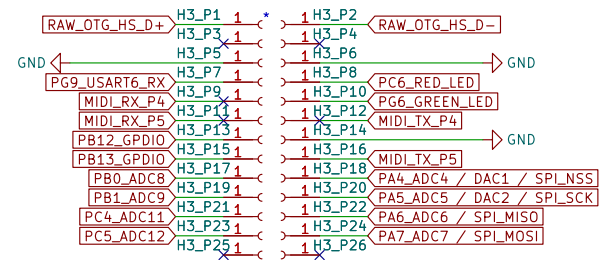
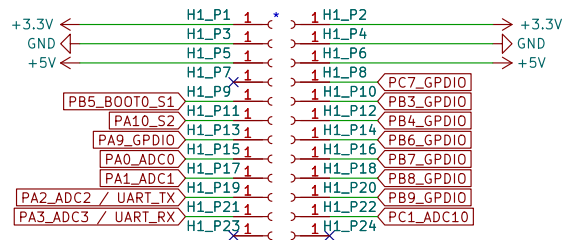


GND	1	H2_P2	PF9_GPD10
	2	H2_P4	PF7_GPD10
	3	H2_P6	P12_GPD10
	4	H2_P8	P15_GPD10
	5	H2_P10	P06_GPD10
	6	H2_P12	P04_GPD10
	7	H2_P14	P02_SD10_CMD
	8	H2_P16	P11_SD10_D3
	9	H2_P18	P9_SD10_D1
	10	H2_P20	RAW_OTG_FS_D+
	11	H2_P22	VBUS_OUT
	12	H2_P24	VBUS_OUT



- 8 pots
- 4 CV inputs (P1-P4) are summed with pots 1-4
- 4 independent CV inputs (A-D), non-trimmable ($\pm 5V$)
- 2 independent CV inputs (X, Y), trimmable V/oct ($\pm 5V$ or 0..10V via jumper)

2 gate outputs, ca. 10.3V
2 CV outputs, trimmable V/oct (± 5 V or 0..10V via jumper)

1 OLED display, 128x64px

digital mic

File: digital_mic.kicad_sch

MIDI

File: midi.kicad_sch

usb

File: usb.kicad_sch

SDIO

checked

File: sdio.kicad_sch

Power

checked

File: power.kicad_sch
LEDs and Buttons

File: led_out.kicad_sch
Gate Outputs

chec

File: gate_io.kicad_sch

Audio 10

checked

File: audio_io.kicad_sch

CV Inputs

checked

File: cv_in.kicad_sch
CV outputs

File: cv_out.kicad_sch
expansion_header

checked

File: untitled.kicad_sch

CHANGELOG

File: changelog.kicad_sch

Sheet: /

File: ksoloti_big_genes.kicad_sch

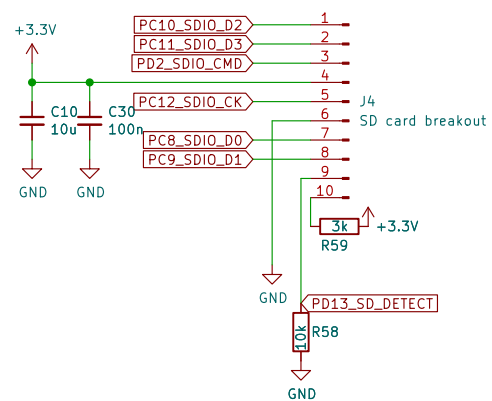
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Rev: v0.5

Id: 1/13

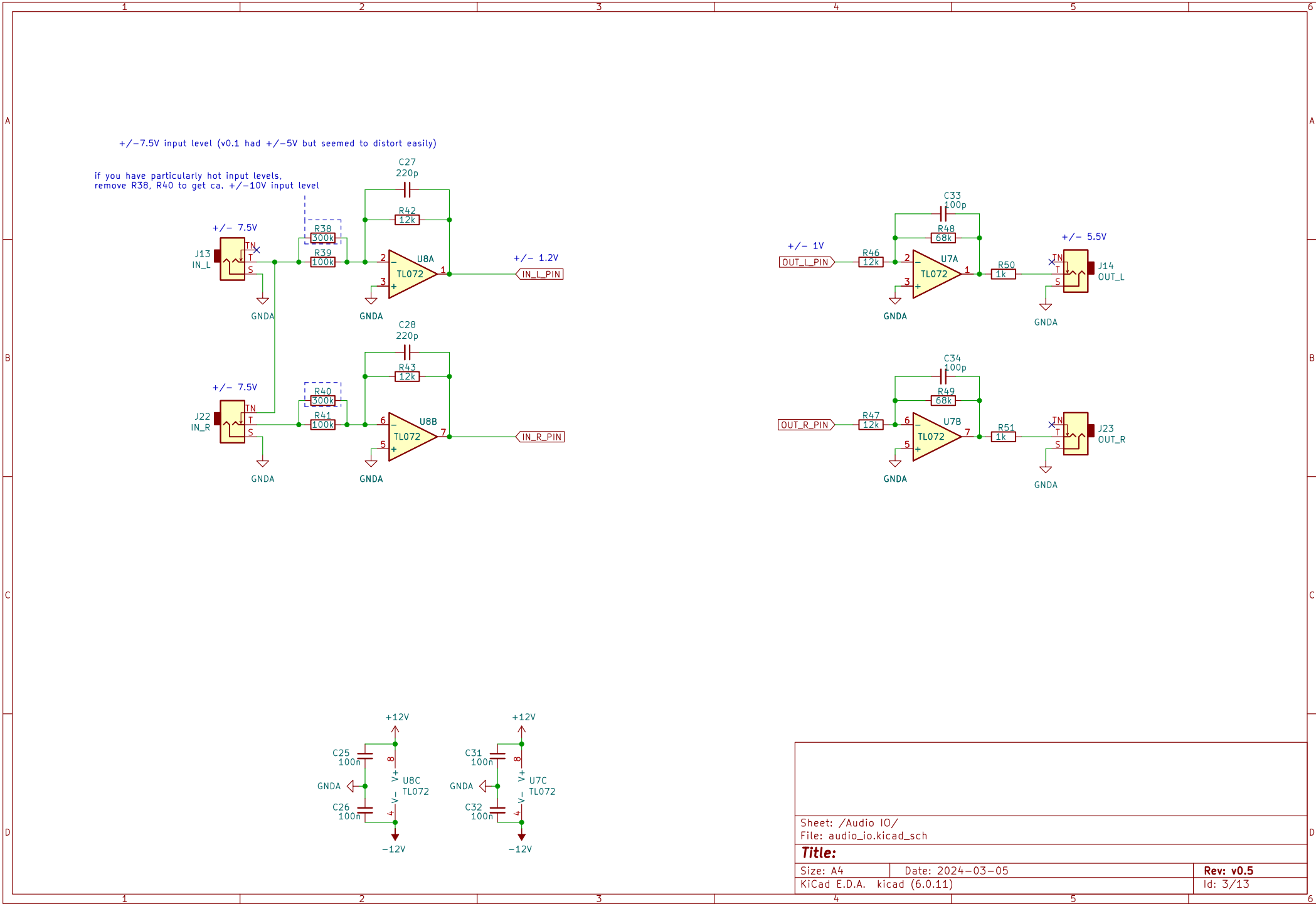


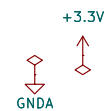
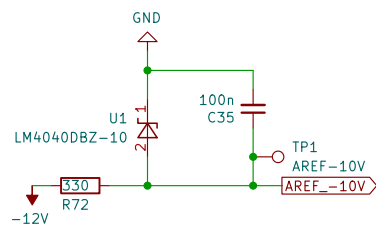
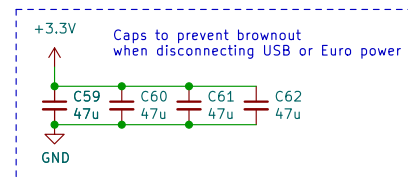
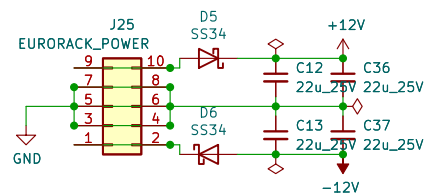
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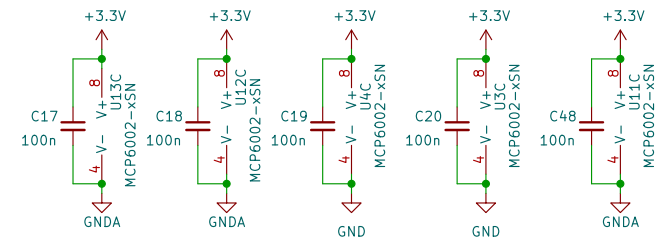
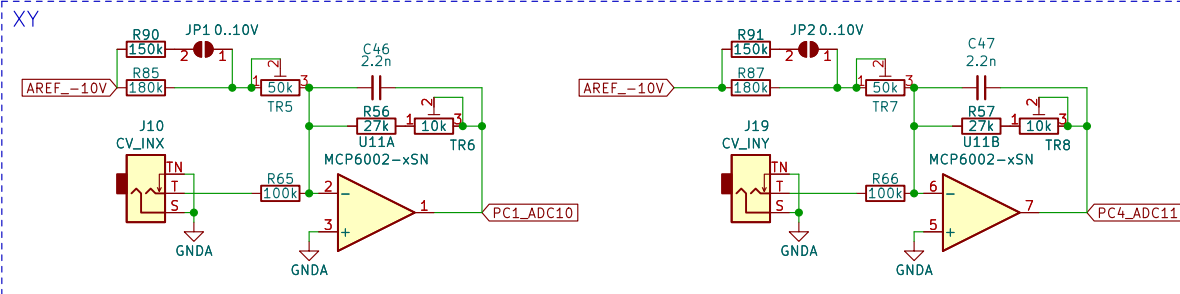
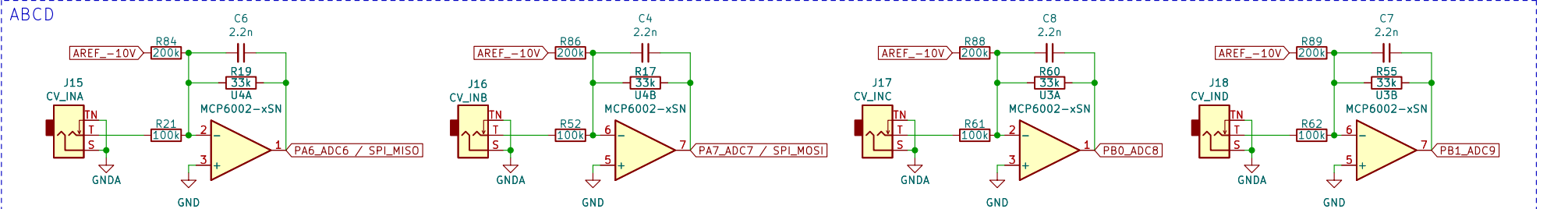
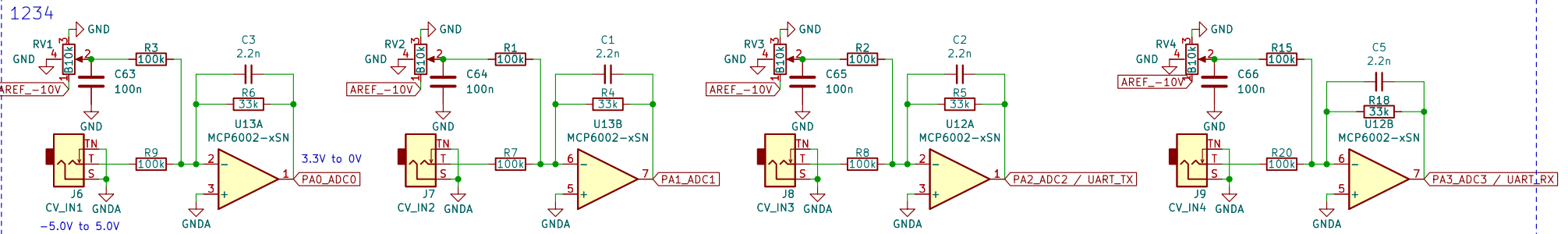
Rev: v0.5
Id: 2/13





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Title:		
Size: A4	Date:	Rev: v0.5
KiCad E.D.A. kicad (6.0.11)		
		Id: 4/13

Pots / CV inputs



Sheet: /CV Inputs/
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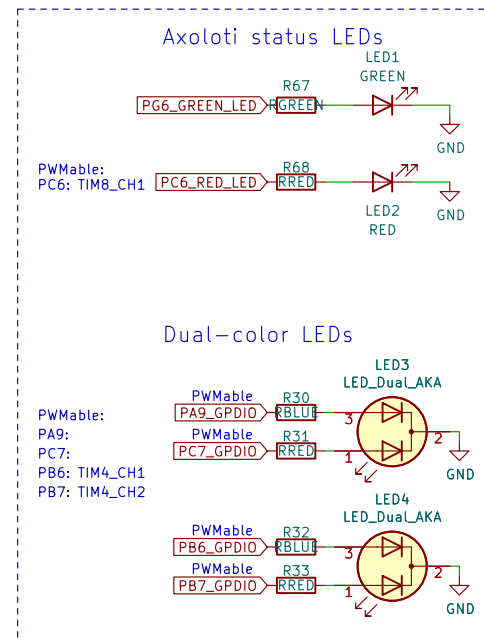
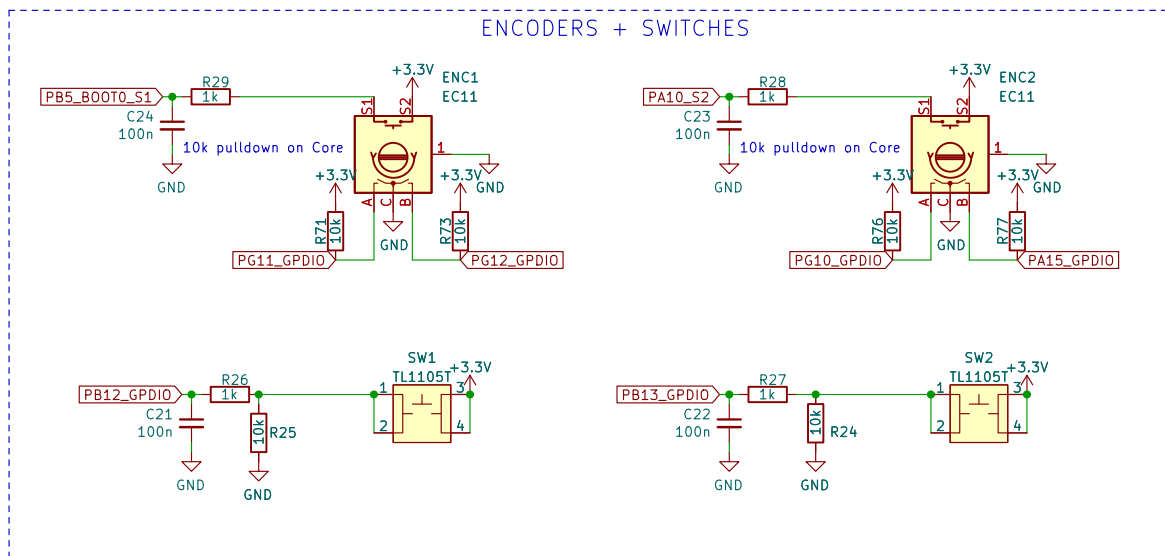
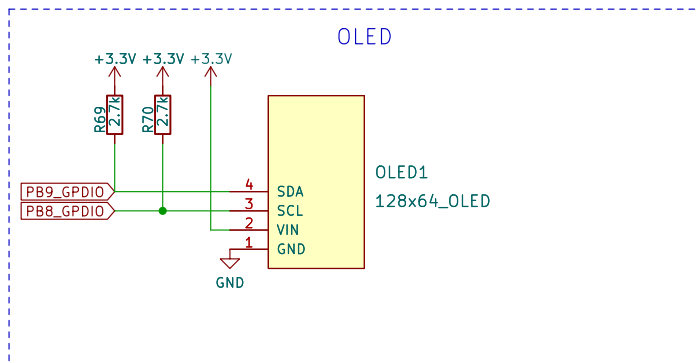
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Rev: v0.5

Id: 5/13



Sheet: /LEDs and Buttons/
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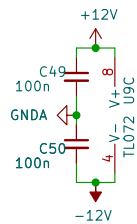
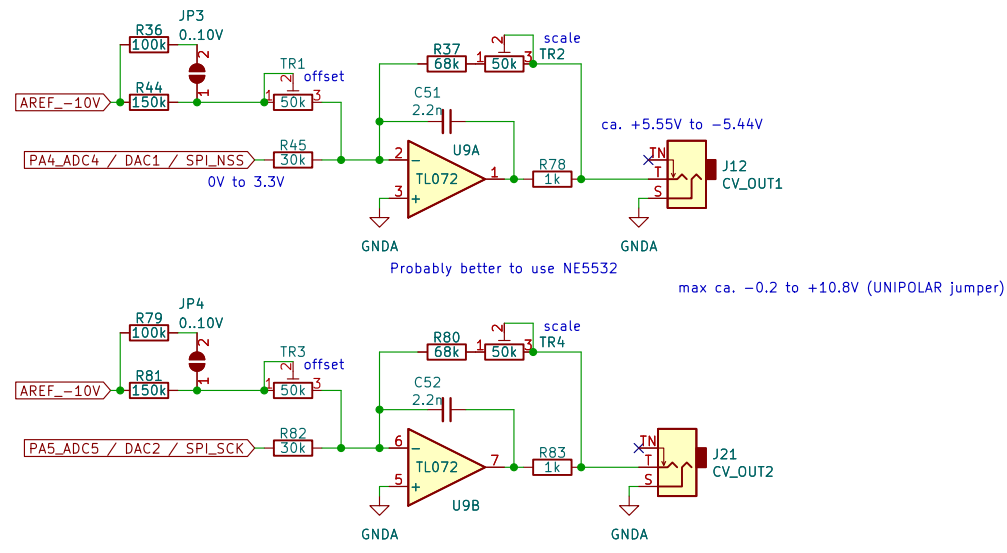
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Rev: v0.5

Id: 6/13

CV outputs

SIGNAL SCALE/OFFSET



Sheet: /CV outputs/
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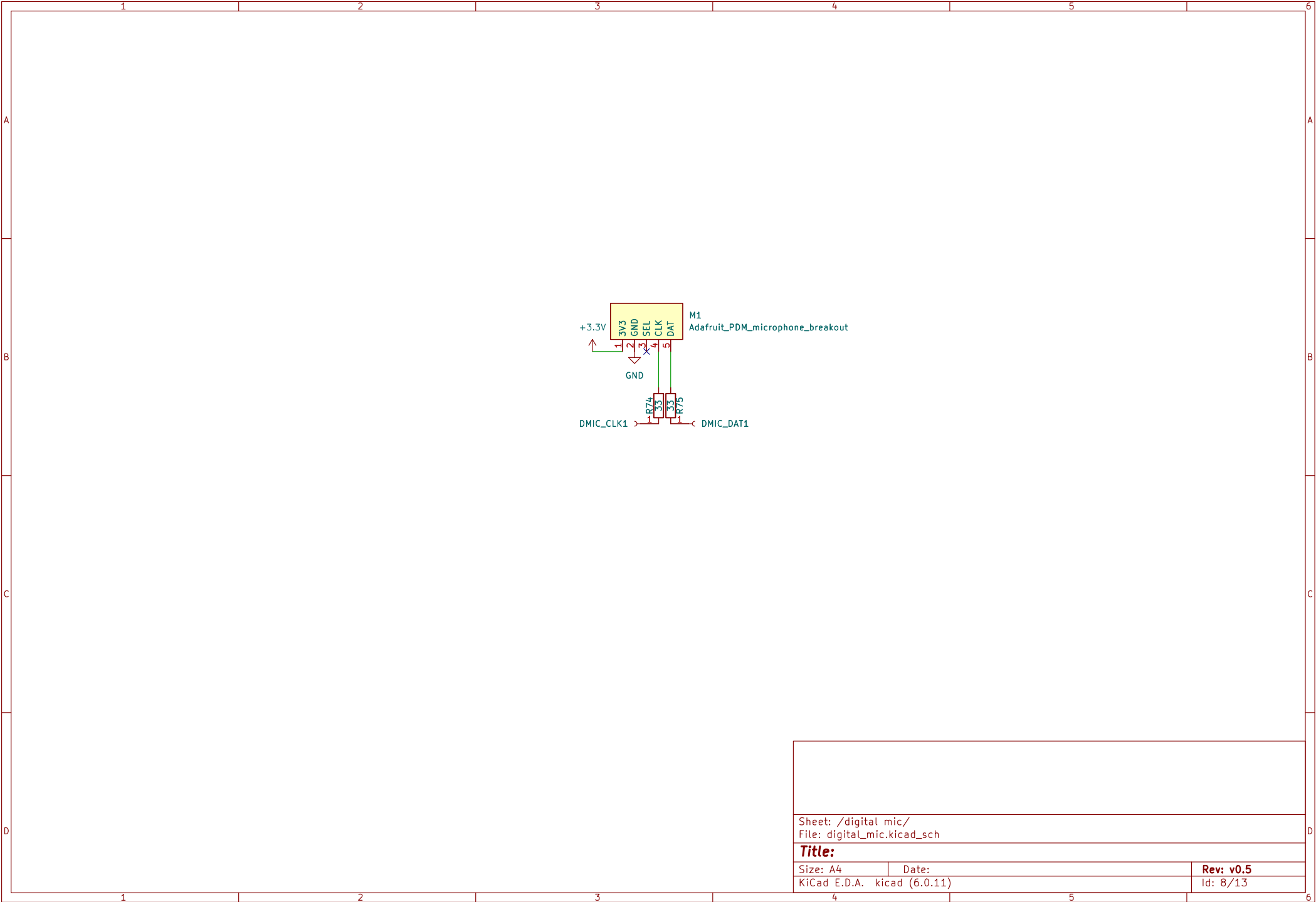
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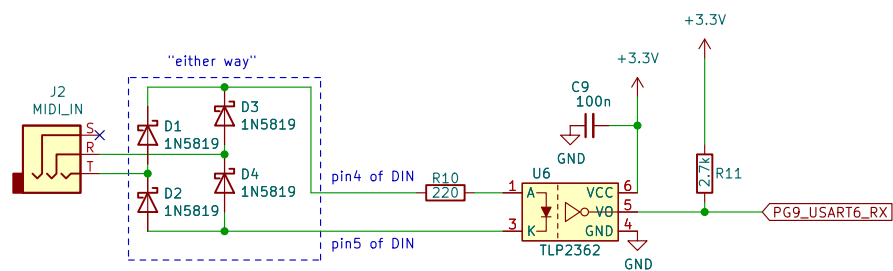
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Rev: v0.5

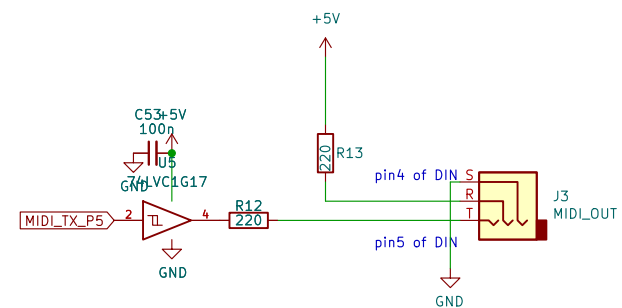
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KiCad E.D.A. kicad (6.0.11)		Id: 8/13



conforming to TRS MIDI specs
<https://www.midi.org/midi-articles/trs-specification-adopted-and-released>



Sheet: /MIDI/
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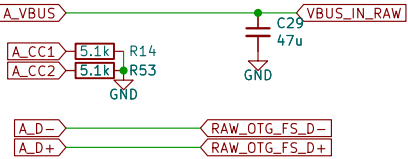
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Date:

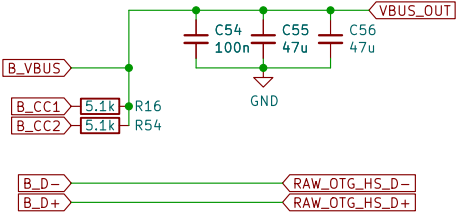
Rev: v0.5

Id: 9/13

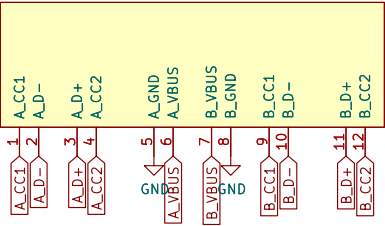
USB PROGRAMMER

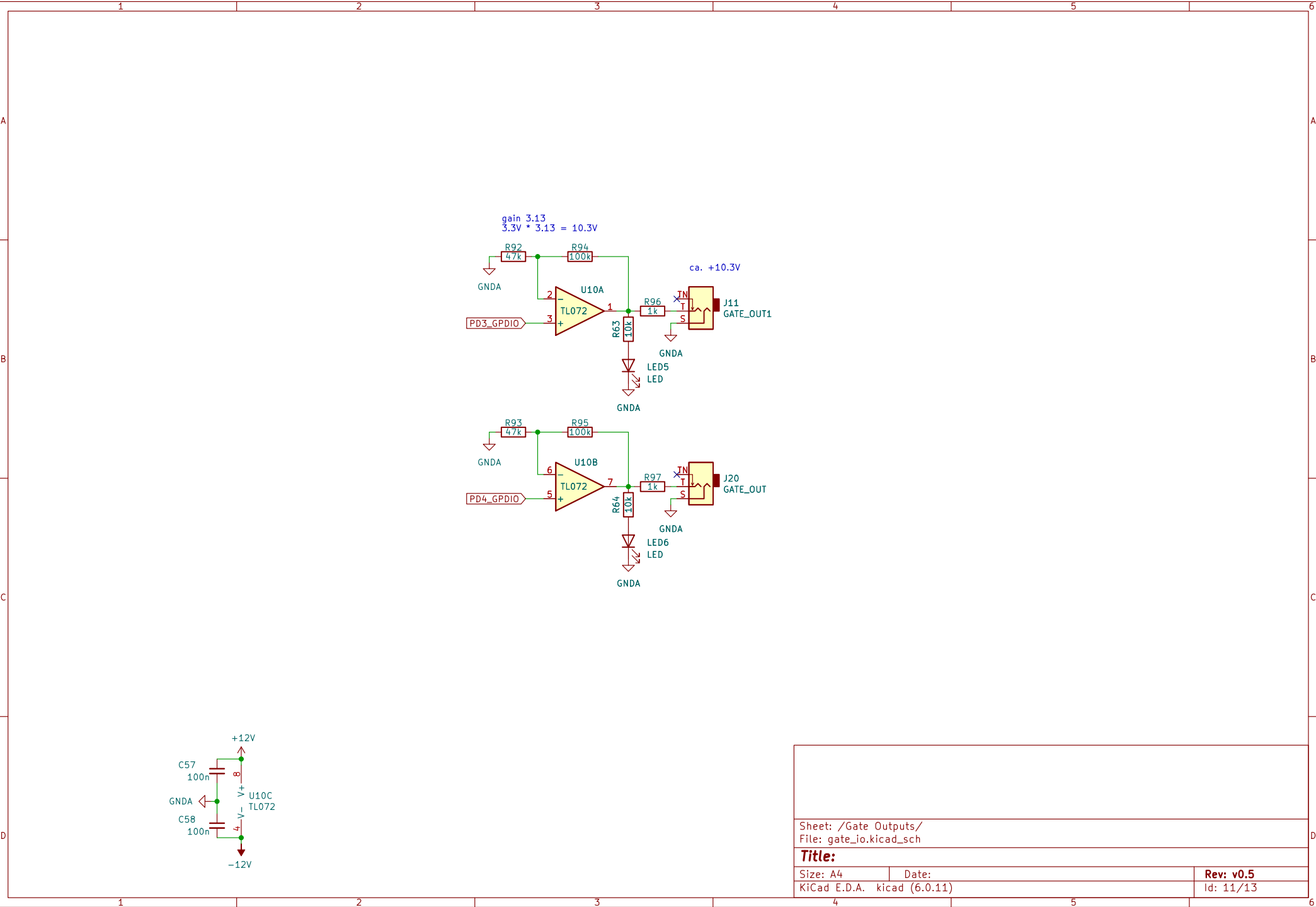


USB HOST



J5
USB_breakout





Sheet: /Gate Outputs/
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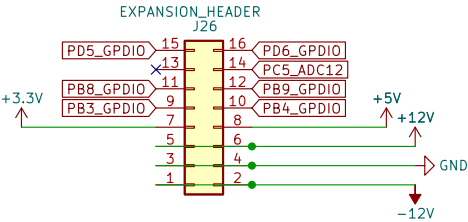
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Rev: v0.5

Id: 11/13



Sheet: /expansion_header/
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KiCad E.D.A. kicad (6.0.11)

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Id: 12/13

A

B

C

- D

D

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KiCad E.D.A. kicad (6.0.11)		Id: 13/13