

12-12 Teensy Arena

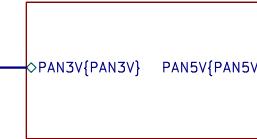
A

A

Teensy



Level Shifters



Panel Headers



Power



B

B

Ground Holes



C

C

IORodeo for Reiserlab @ Janelia

Sheet: /
File: arena_12-12_v10_teensy.kicad_sch

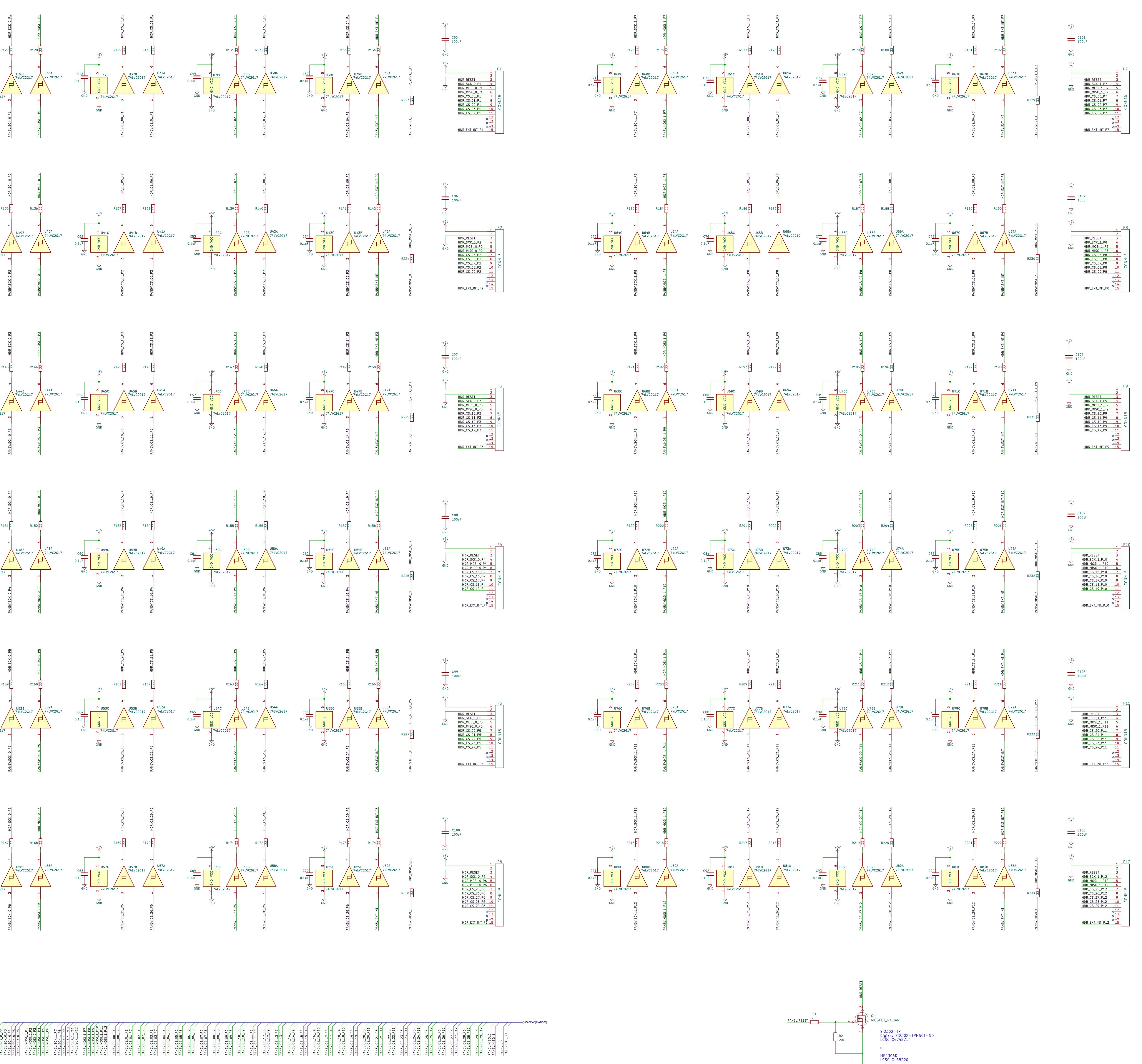
Title: 12-12 Arena Teensy Modular LED Display

Size: User	Date: 2025-02-28	Rev: v10.1
KiCad E.D.A. 9.0.6	Id: 1/6	

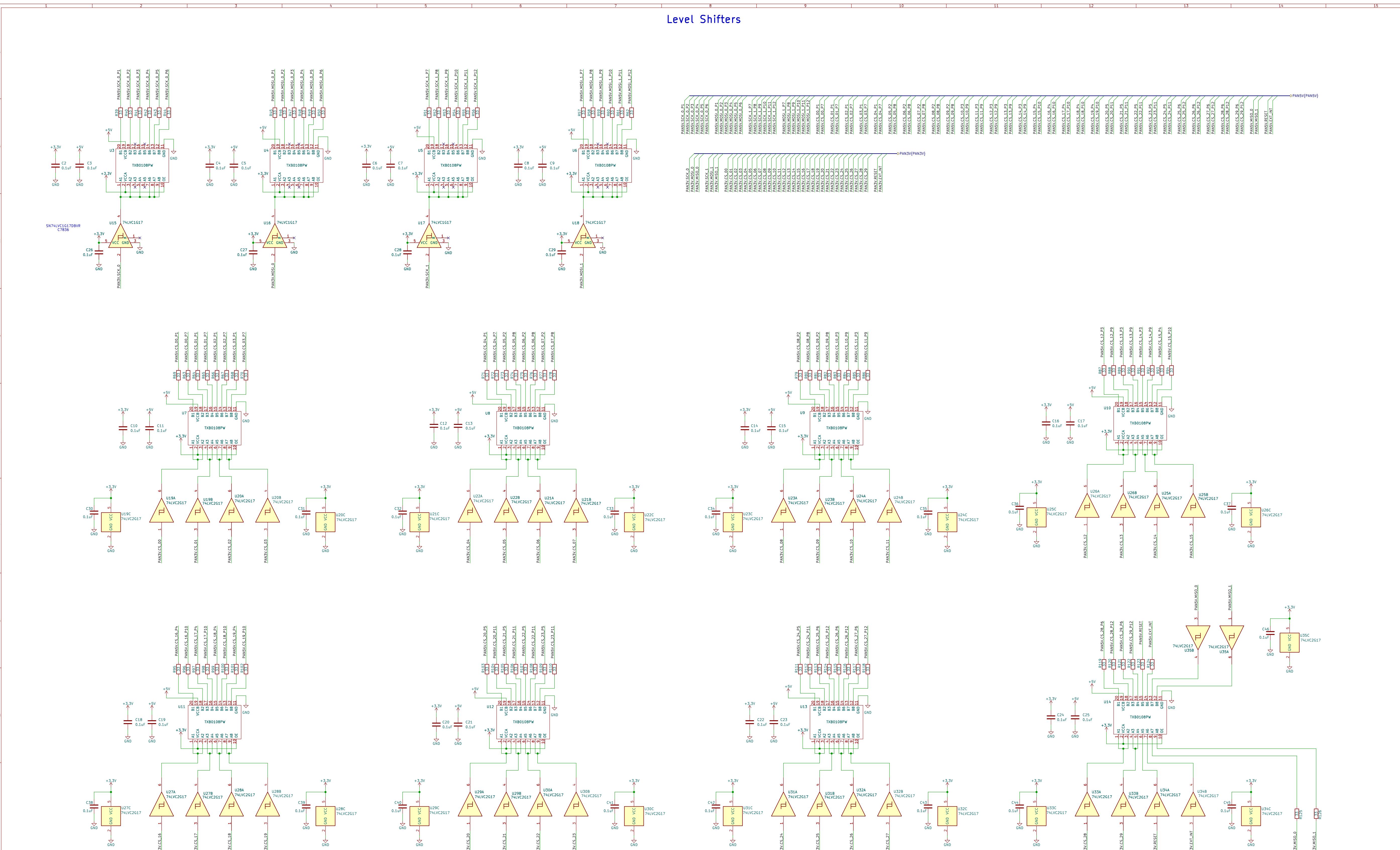
Panel Headers

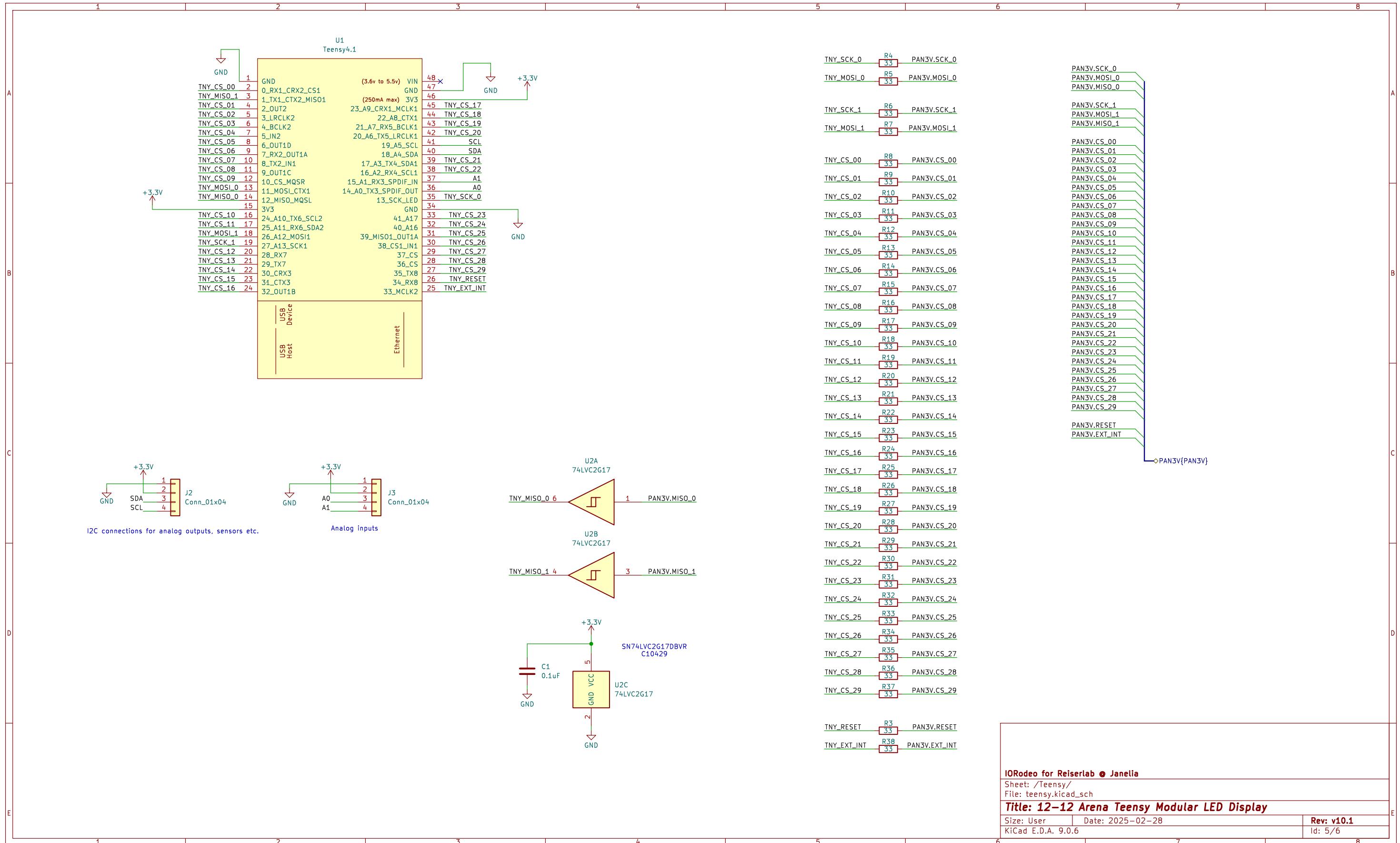
Swap A and B units for better routing?

Panel base capacitor: C7432790 16V 100uF



Level Shifters





1 2 3 4 5 6

A

A

B

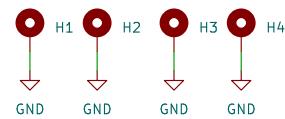
B

C

C

D

D



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Sheet: /Ground Holes/

File: holes.kicad_sch

Title: 12-12 Arena Teensy Modular LED Display

Size: A4 Date: 2025-02-28

KiCad E.D.A. 9.0.6

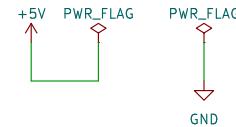
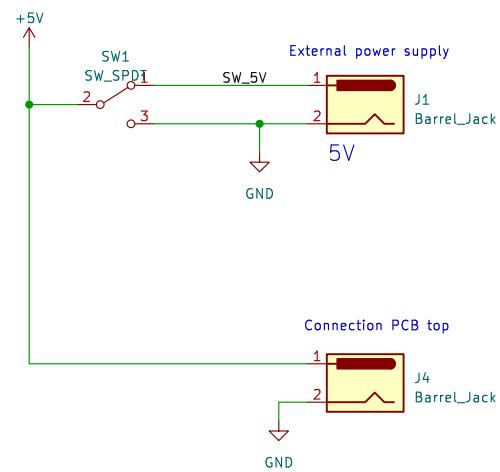
Rev: v10.1

Id: 6/6

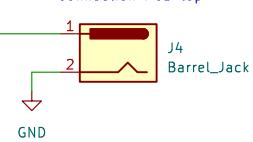
1 2 3 4 5 6

1 2 3 4 5

Power



Connection PCB top



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Sheet: /Power/
File: power.kicad_sch

Title: 12-12 Arena Teensy Modular LED Display

Size: USLetter Date: 2025-02-28
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1 2 3 4 5