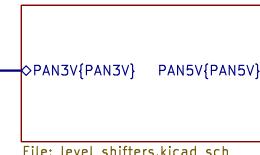


12-12 NI Arena

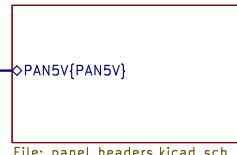
NI Connector



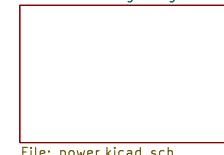
Level Shifters



Panel Headers



Power & Voltage Regulators



Ground Holes



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IORodeo for Reiserlab @ Janelia


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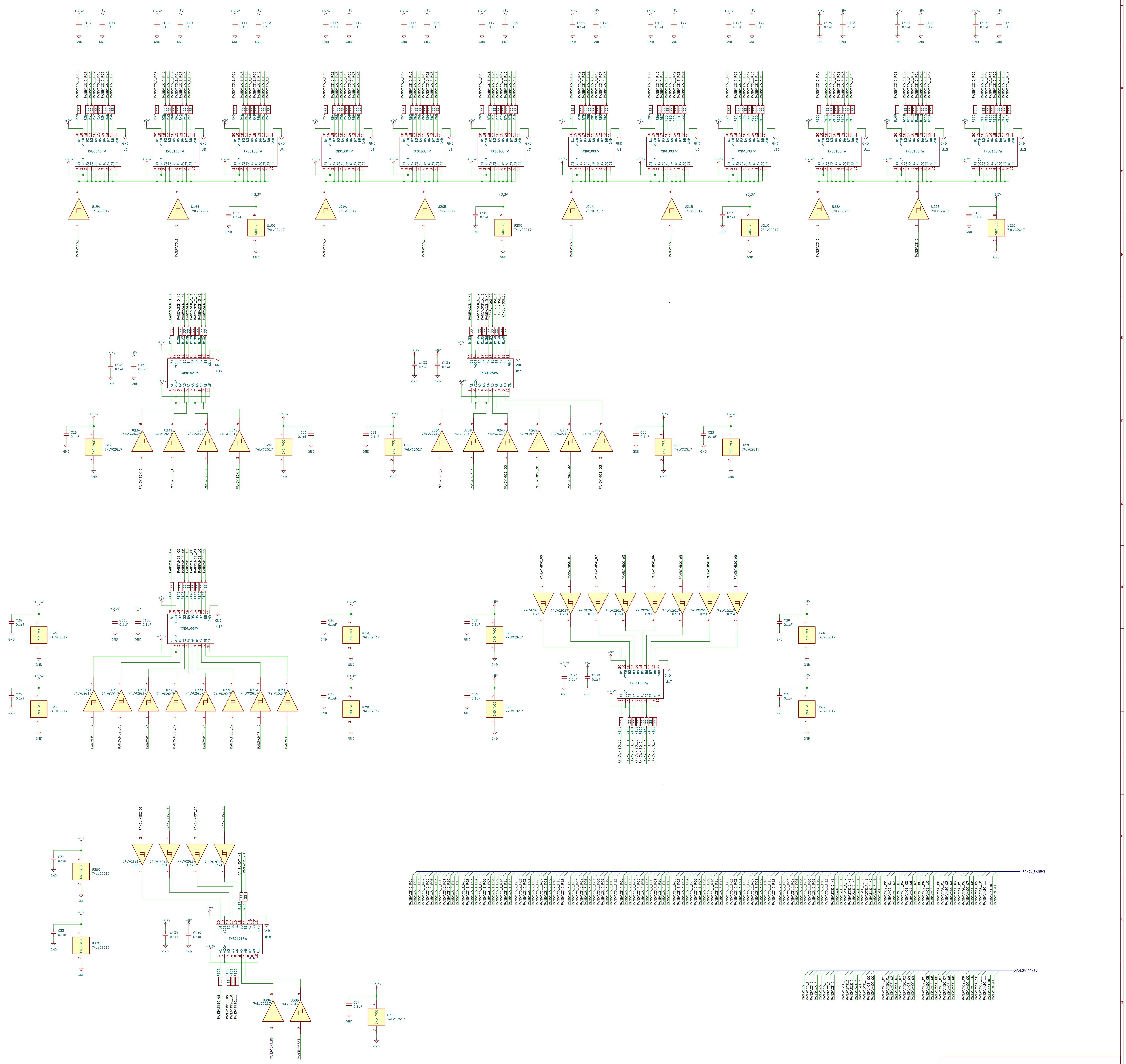
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Rev: v0.3.4
Id: 1/6

Panel Headers



Level Shifters



1 2 3 4 5 6

A

A

B

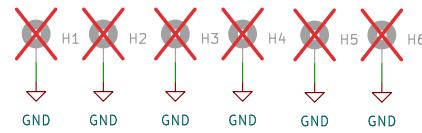
B

C

C

D

D



IORodeo for Reiserlab @ Janelia

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File: holes.kicad_sch

Title: 12-12 NI G4.1 Arena Modular LED Display

Size: A4 Date: 2025-04-21

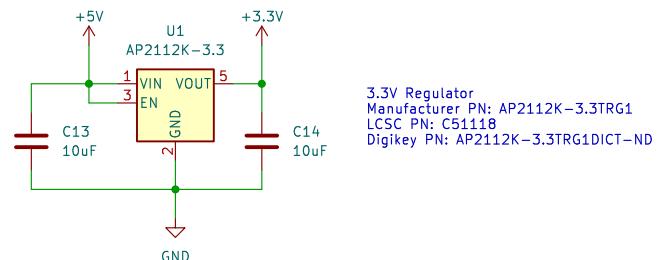
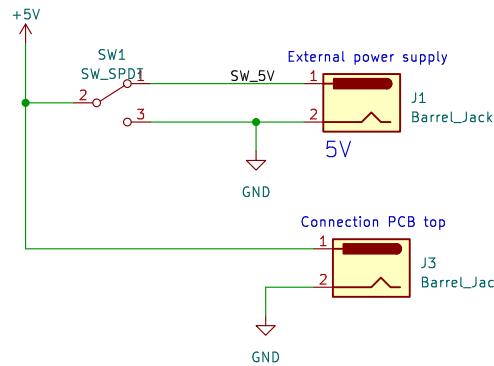
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Rev: v0.3.4

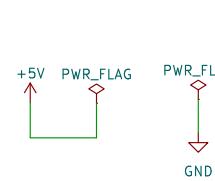
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1 2 3 4 5 6

Power & Voltage Regulation



3.3V Regulator
Manufacturer PN: AP2112K-3.3TRG1
LCSC PN: C51118
Digikey PN: AP2112K-3.3TRG1DICT-ND



IORodeo for Reiserlab @ Janelia
Sheet: /Power & Voltage Regulators/
File: power.kicad_sch

Title: 12-12 NI G4.1 Arena Modular LED Display

Size: A4 Date: 2025-04-21
KiCad E.D.A. 9.0.1

Rev: v0.3.4
Id: 6/6

