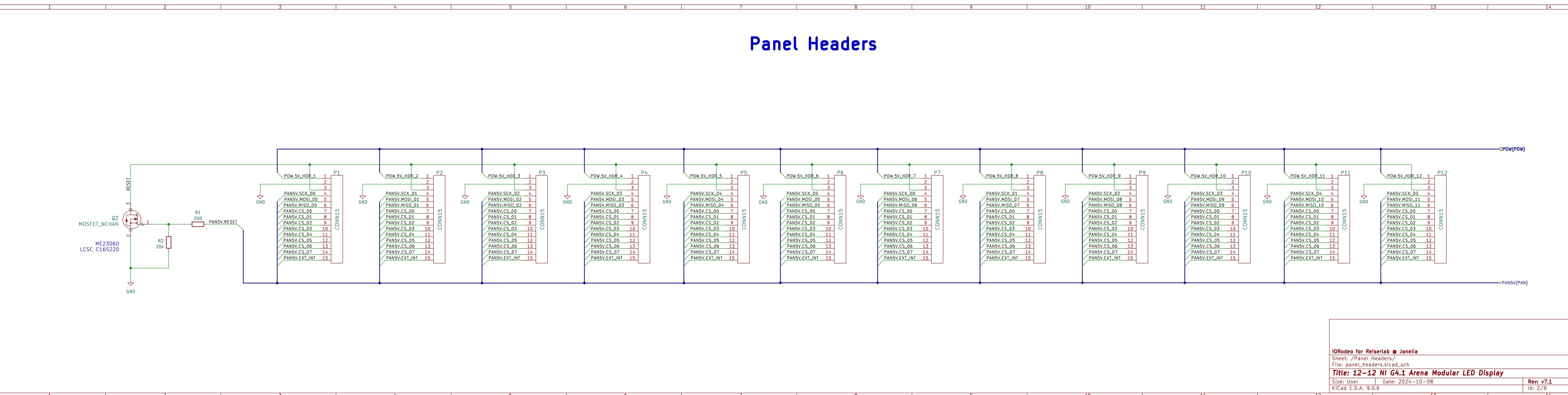
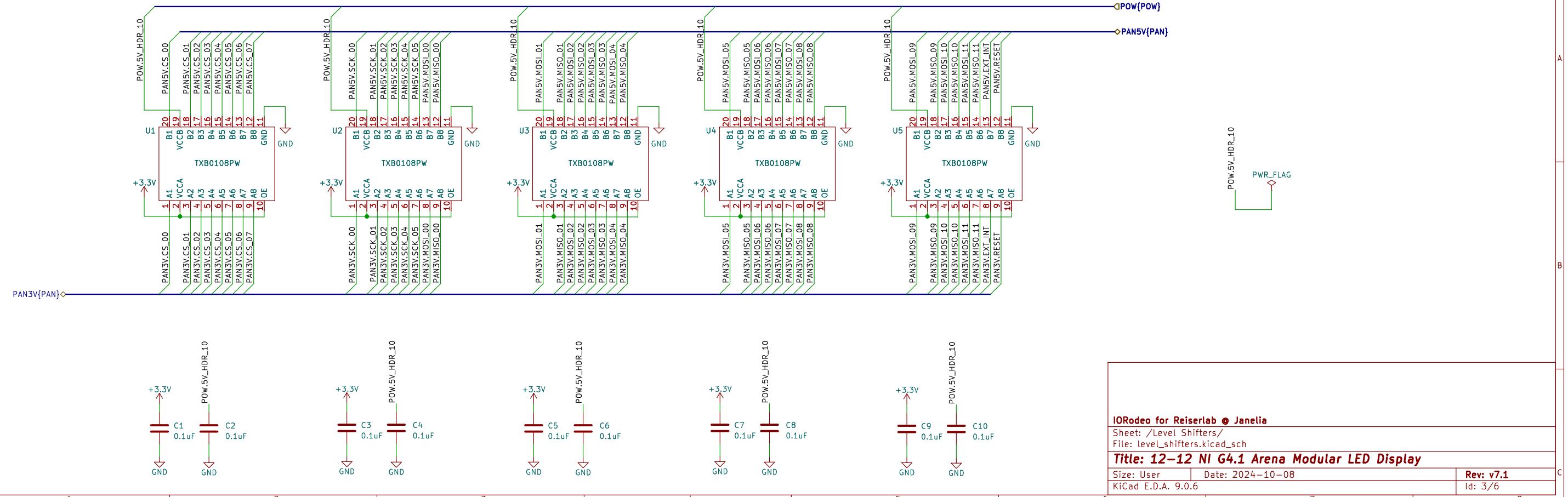


# Panel Headers



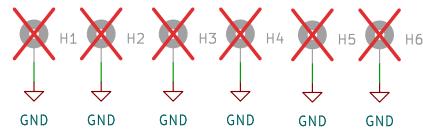
## Level Shifters



1 2 3 4 5

A

A



B

B

C

C

D

D

**IORodeo for Reiserlab @ Janelia**

Sheet: /Ground Holes/

File: holes.kicad\_sch

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

Size: USLetter | Date: 2024-10-08

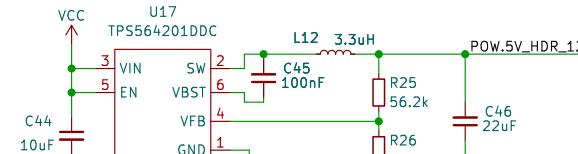
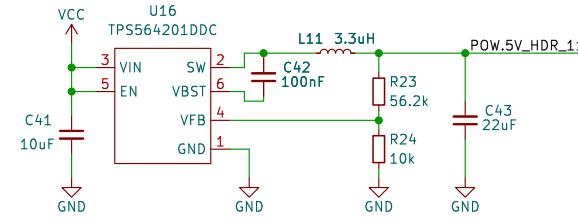
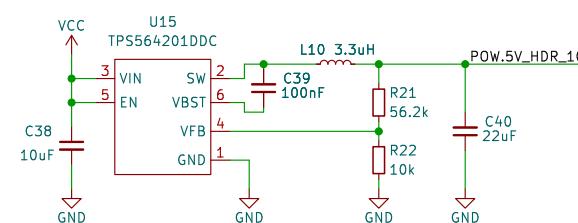
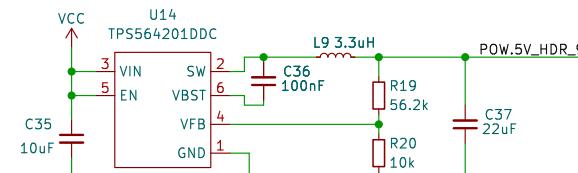
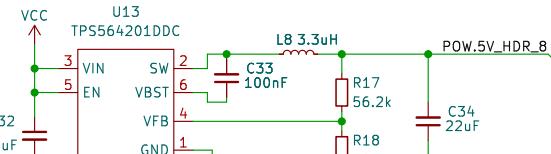
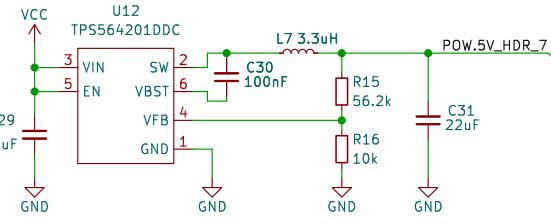
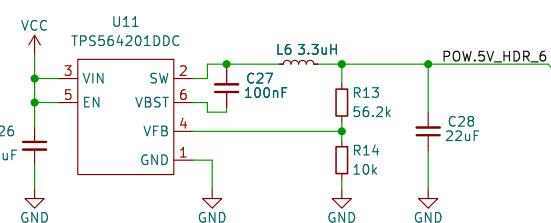
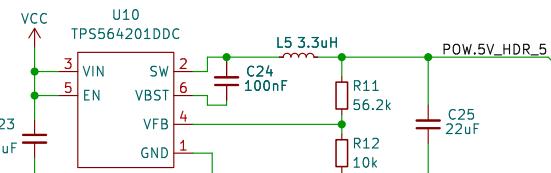
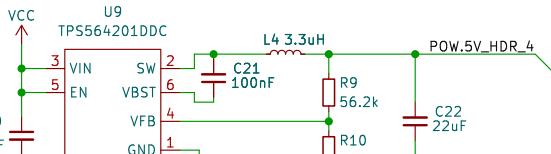
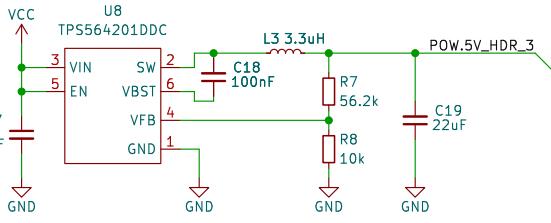
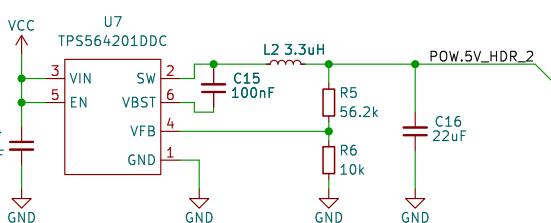
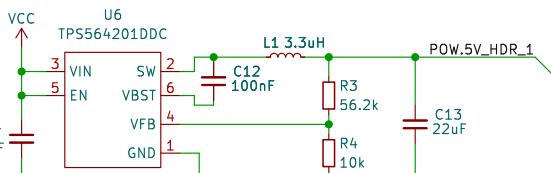
KiCad E.D.A. 9.0.6

**Rev: v7.1**

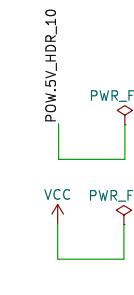
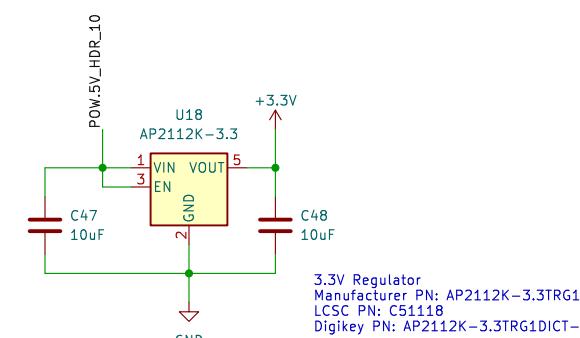
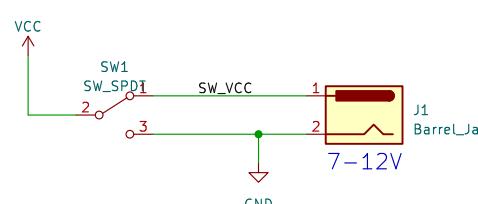
Id: 6/6

1 2 3 4 5

## Power & Voltage Regulation



3.3uH Inductors, 6.5A LCSC PN C5189747  
Step-Down Voltage Regulator, C464812



**IORodeo for Reiserlab @ Janelia**  
Sheet: /Power & Voltage Regulators/  
File: power.kicad\_sch  
**Title: 12-12 NI G4.1 Arena Modular LED Display**  
Size: User Date: 2024-10-08  
KiCad E.D.A. 9.0.6 Rev: v7.1  
Id: 6/6

