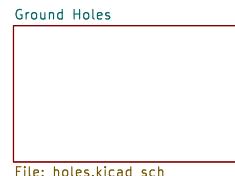
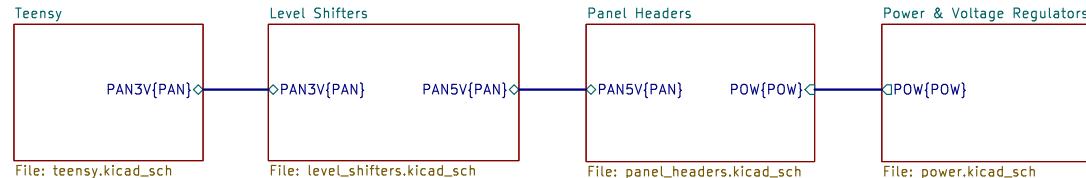


## 12-12 Teensy Arena



IORodeo for Reiserlab @ Janelia

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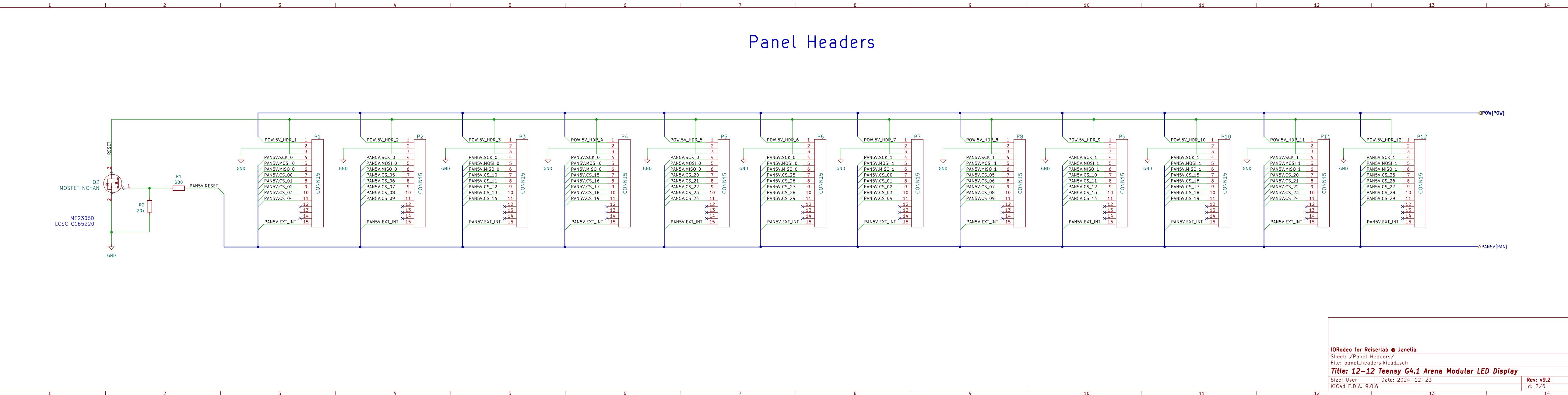
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KiCad E.D.A. 9.0.6

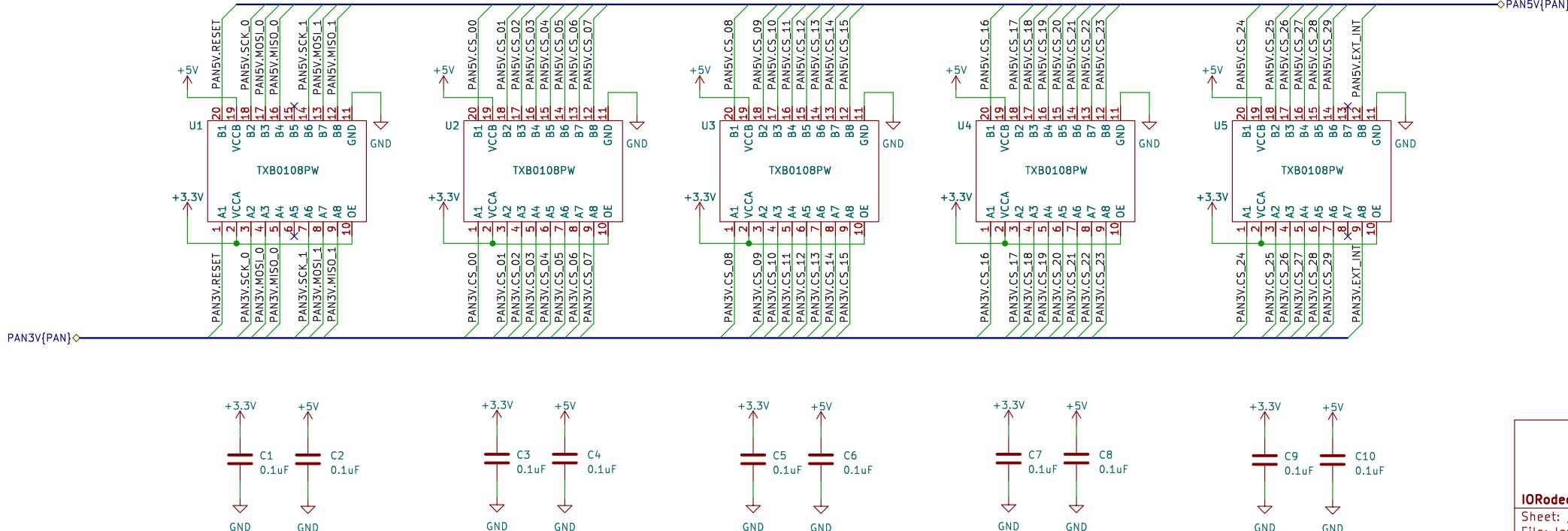
Rev: v9.2

Id: 1/6

# Panel Headers



# Level Shifters



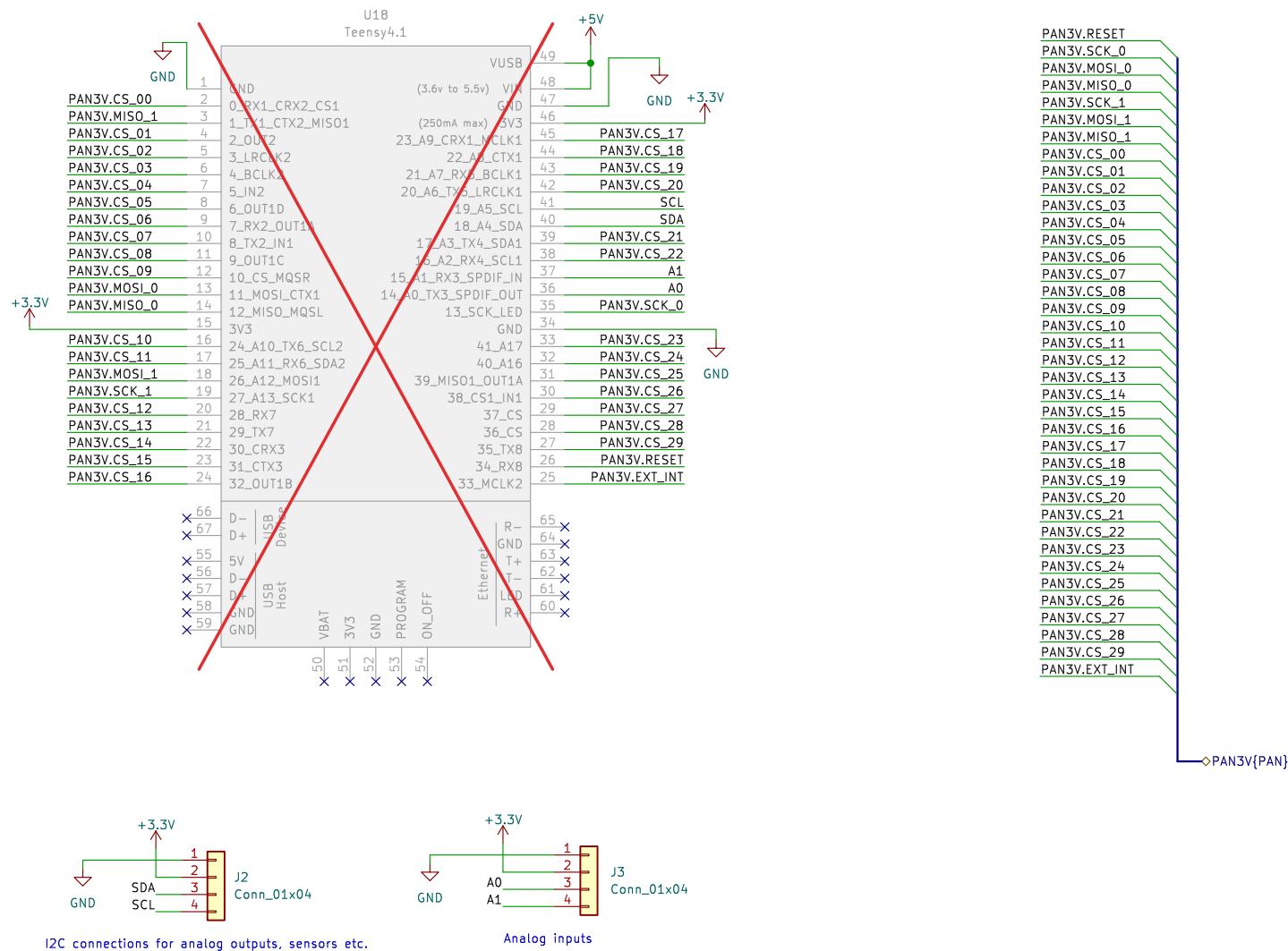
IORodeo for Reiserlab @ Janelia

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Size: User	Date: 2024-12-23
KiCad E.D.A. 9.0.6	

Rev: v9.2
Id: 3/6



IORodeo for Reiserlab @ Janelia

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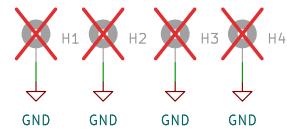
Size: USLetter Date: 2024-12-23

Rev: v9.2

| Id: 5/6

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 Teensy G4.1 Arena Modular LED Display**

Size: USLetter | Date: 2024-12-23

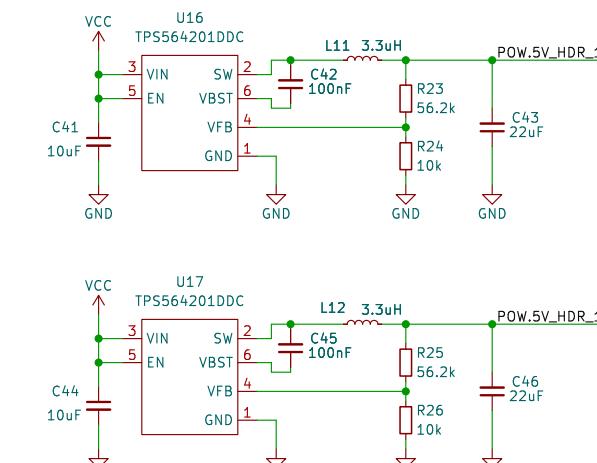
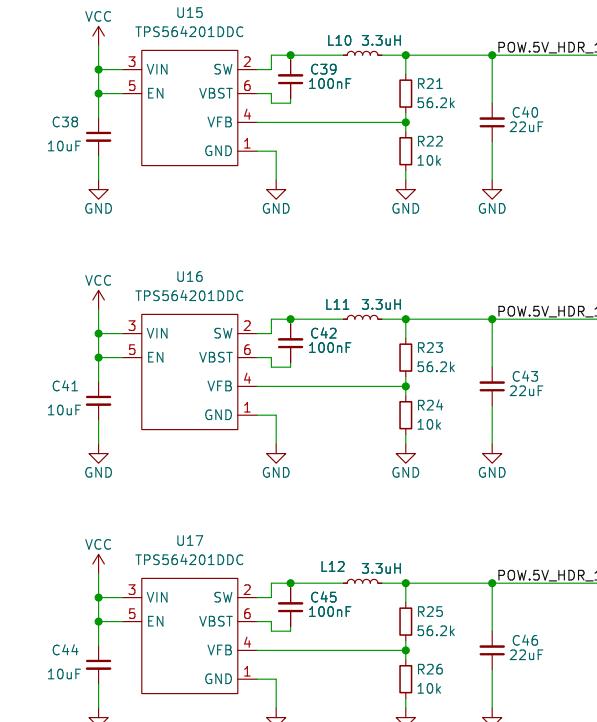
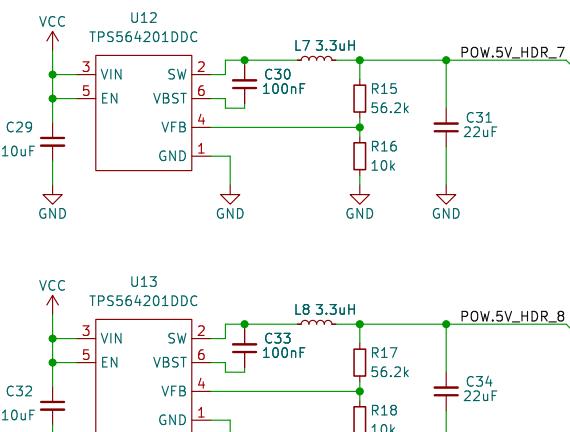
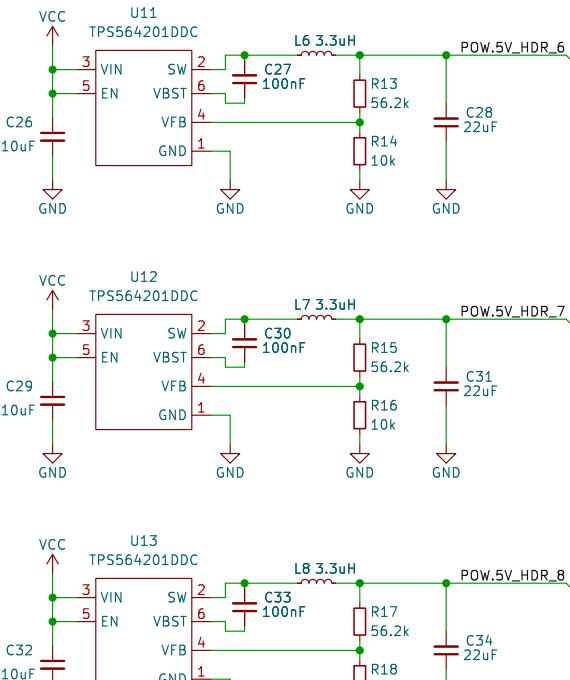
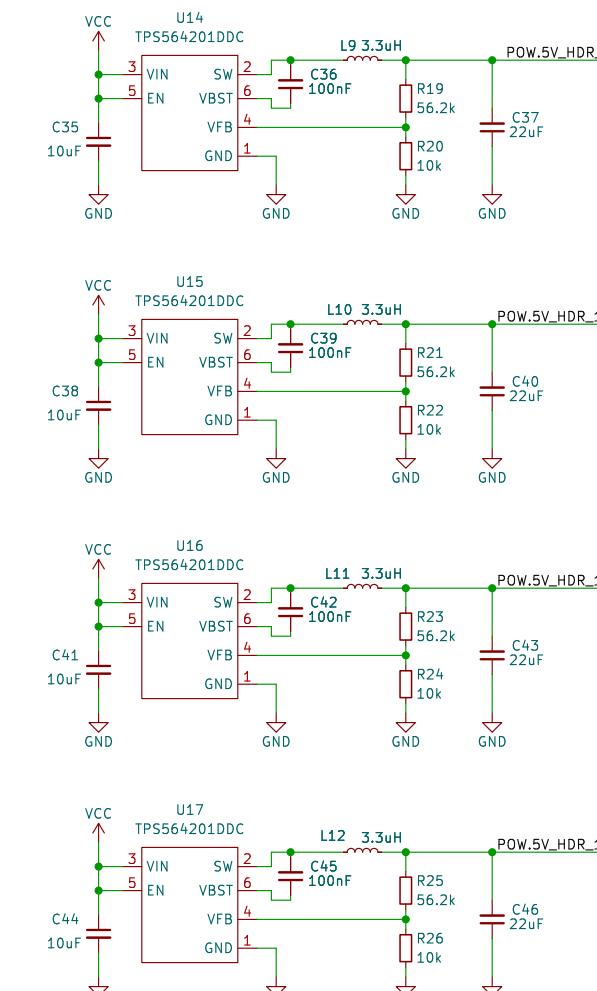
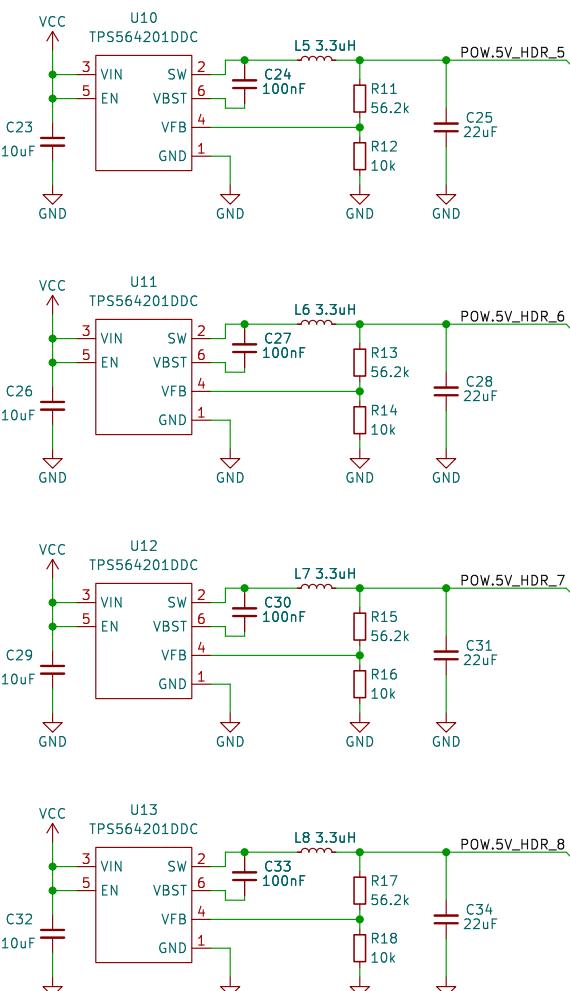
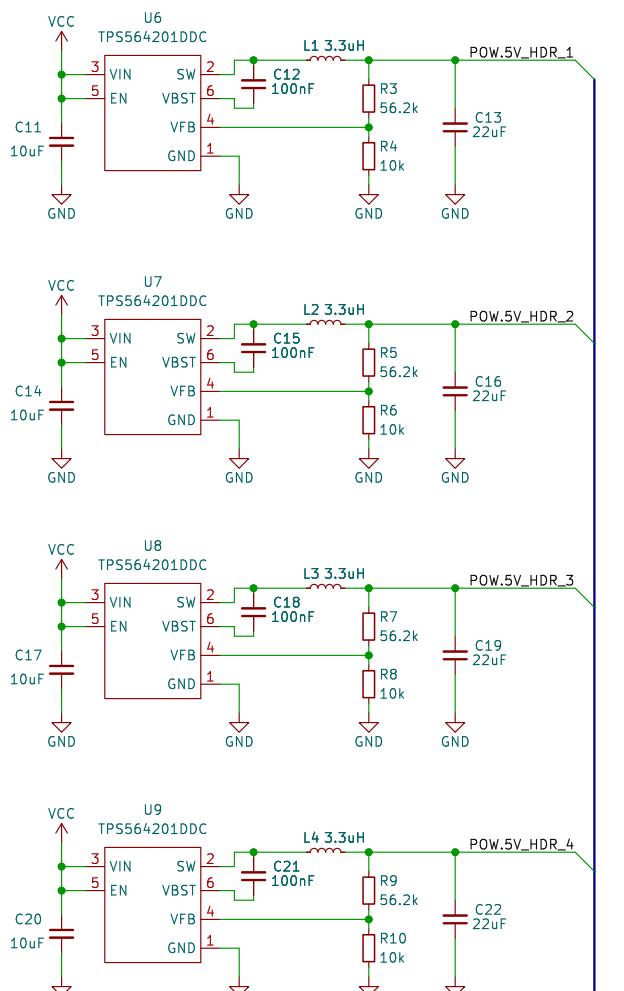
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**Rev: v9.2**

Id: 6/6

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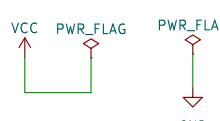
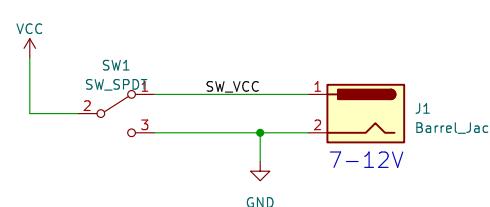
## Power & Voltage Regulation



POW{POW}

8.5A 3.3uH ±20% 19.9mΩ SMD, 7.2x6.6mm Inductors, LCSC PN C5189753

Step-Down Voltage Regulator,  
6.5A LCSC PN C5189747  
8.0A LCSC PN C464812



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Sheet: /Power & Voltage Regulators/

File: power.kicad\_sch

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

Size: User Date: 2024-12-23

KiCad E.D.A. 9.0.6

Rev: v9.2

Id: 6/6