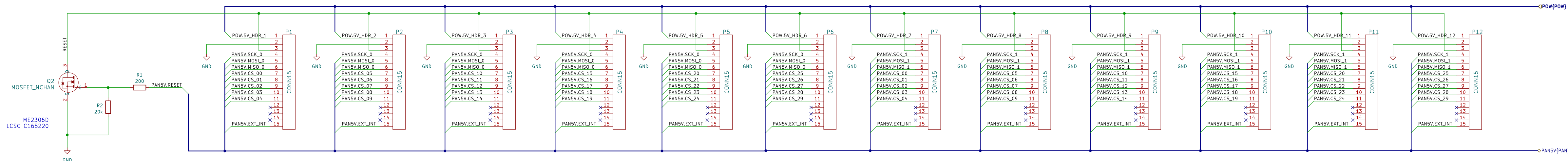
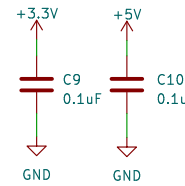
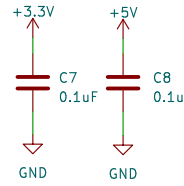
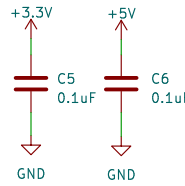
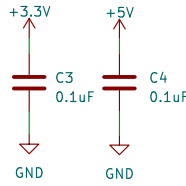
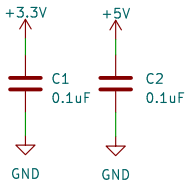
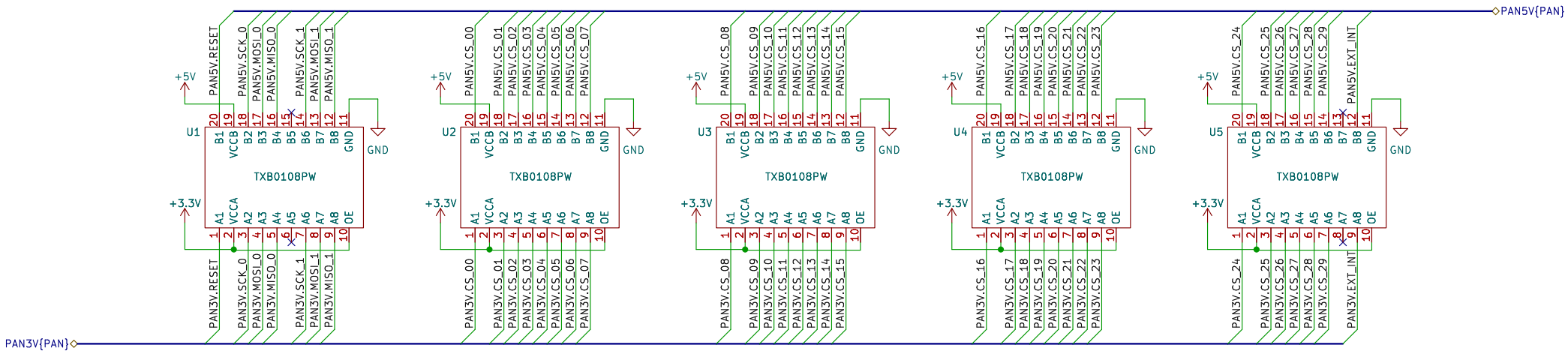


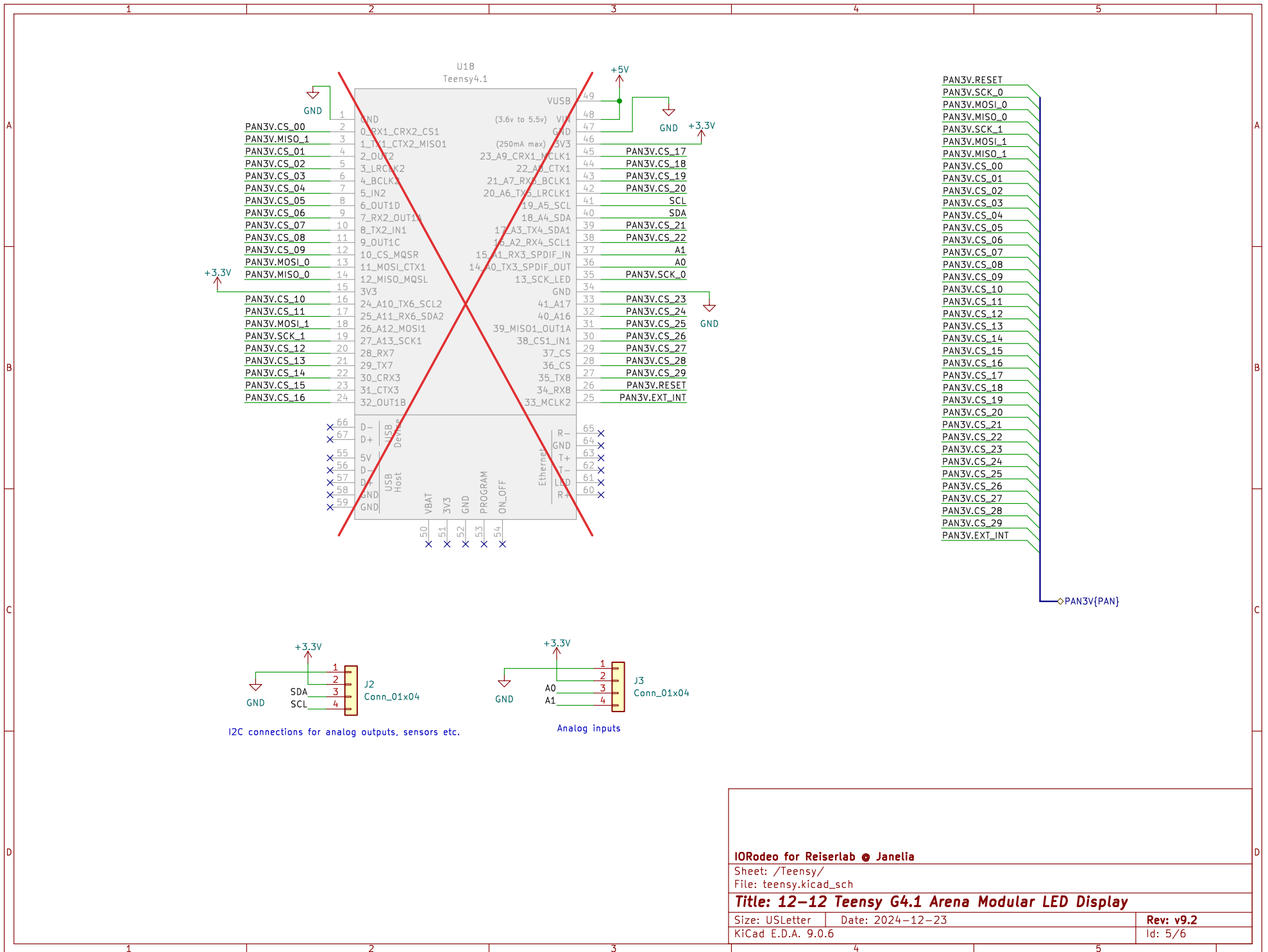
Panel Headers



Level Shifters



IORodeo for Reiserlab ● Janelia		
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Title: 12-12 Teensy G4.1 Arena Modular LED Display		
Size: User	Date: 2024-12-23	Rev: v9.2
KiCad E.D.A. 9.0.6		Id: 3/6



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Sheet: /Teensy/

File: teensy.kicad_sch

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

Size: USLetter Date: 2024-12-23

KiCad E.D.A. 9.0.6

Rev: v9.2

Id: 5/6



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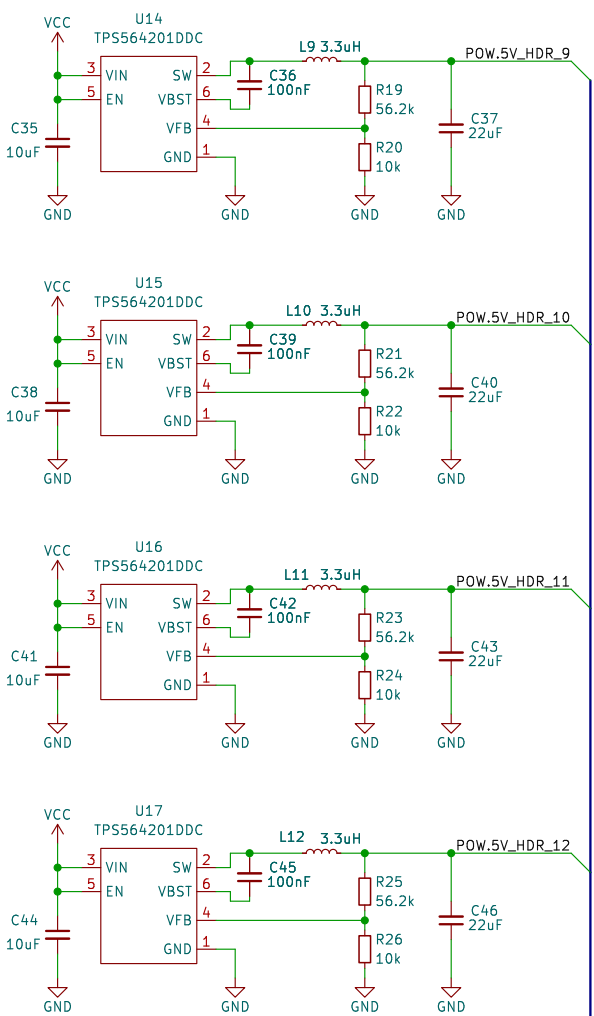
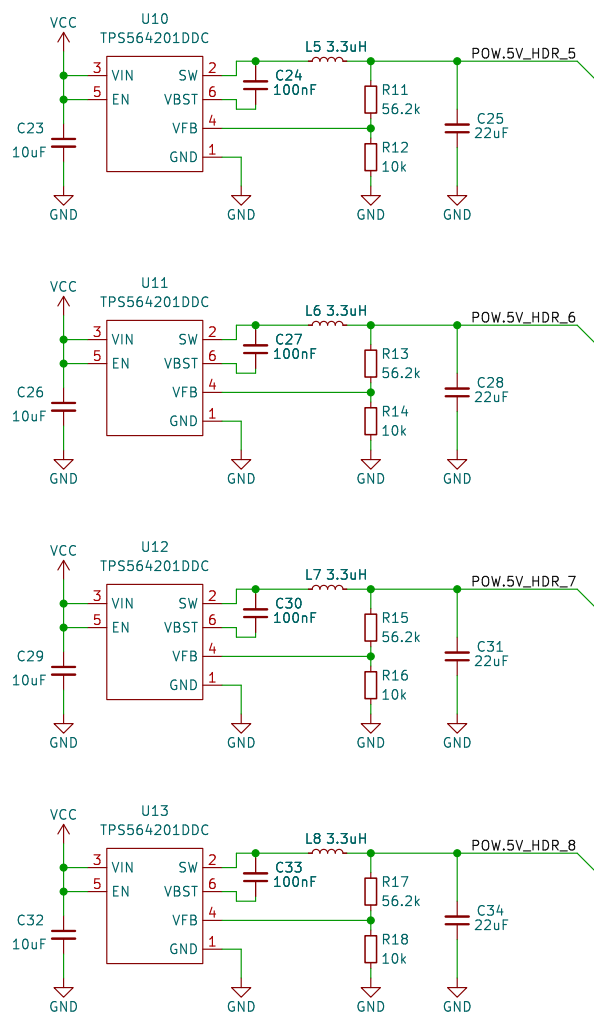
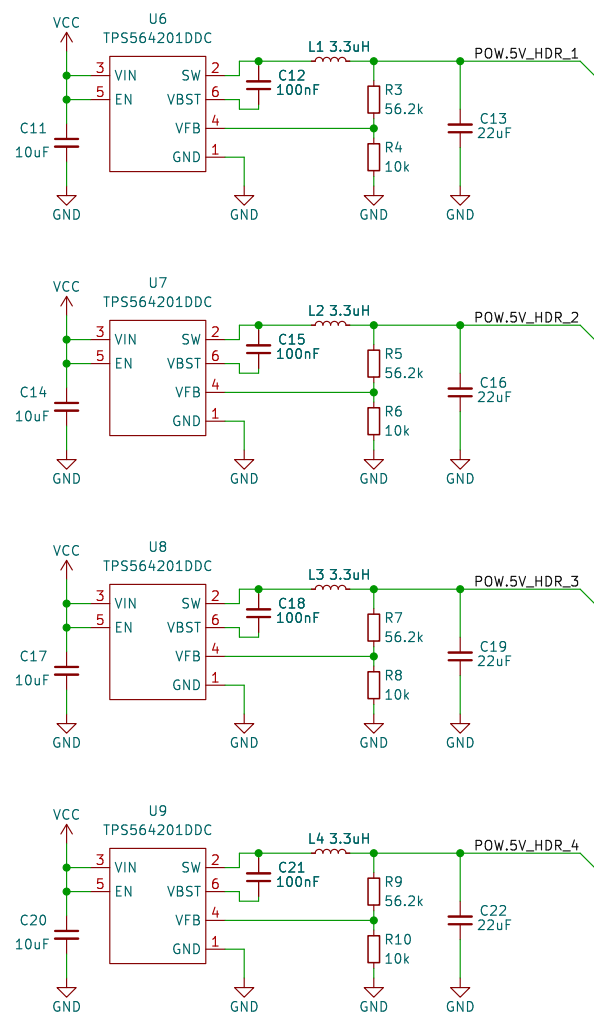
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Title: 12-12 Teensy G4.1 Arena Modular LED Display

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

Rev: v9.2
Id: 6/6

Power & Voltage Regulation



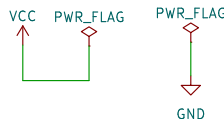
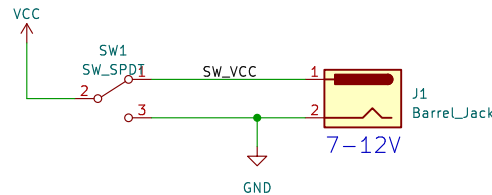
POW{POW}

8.5A 3.3uH $\pm 20\%$ 19.9m Ω 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