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File: Power.kicad_sch

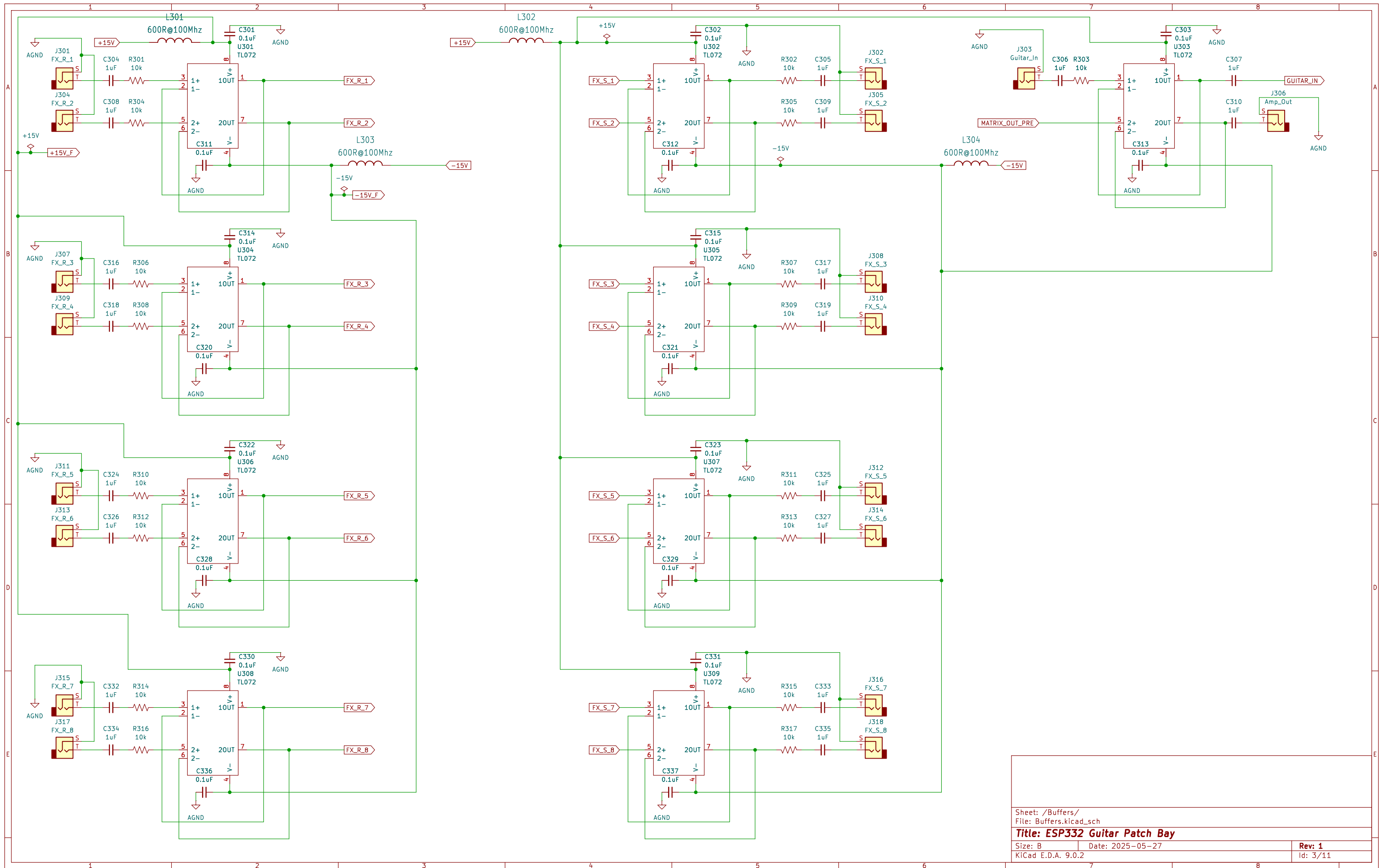
Title: ESP332 Guitar Patch Bay

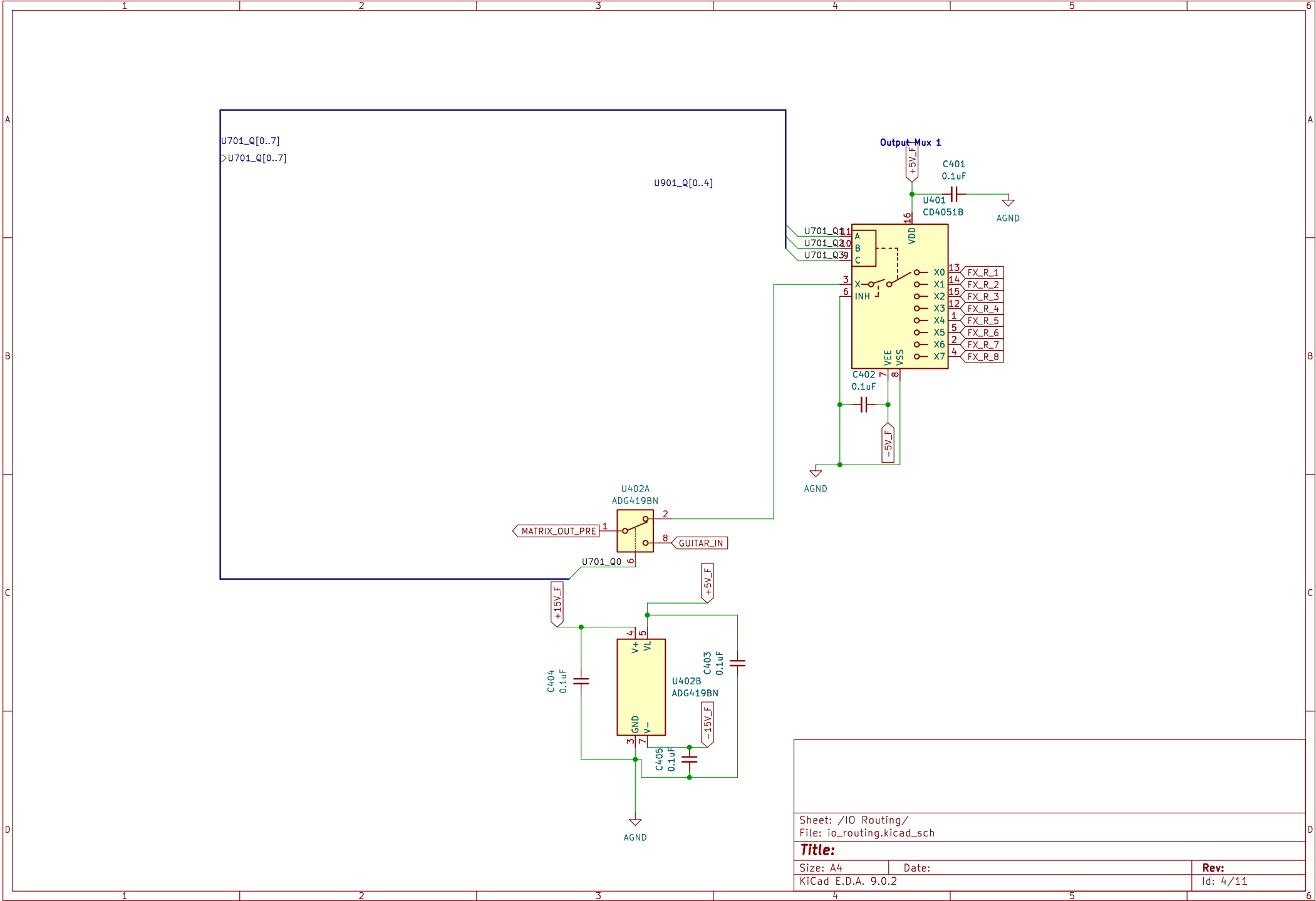
Size: USLetter Date: 2025-05-27

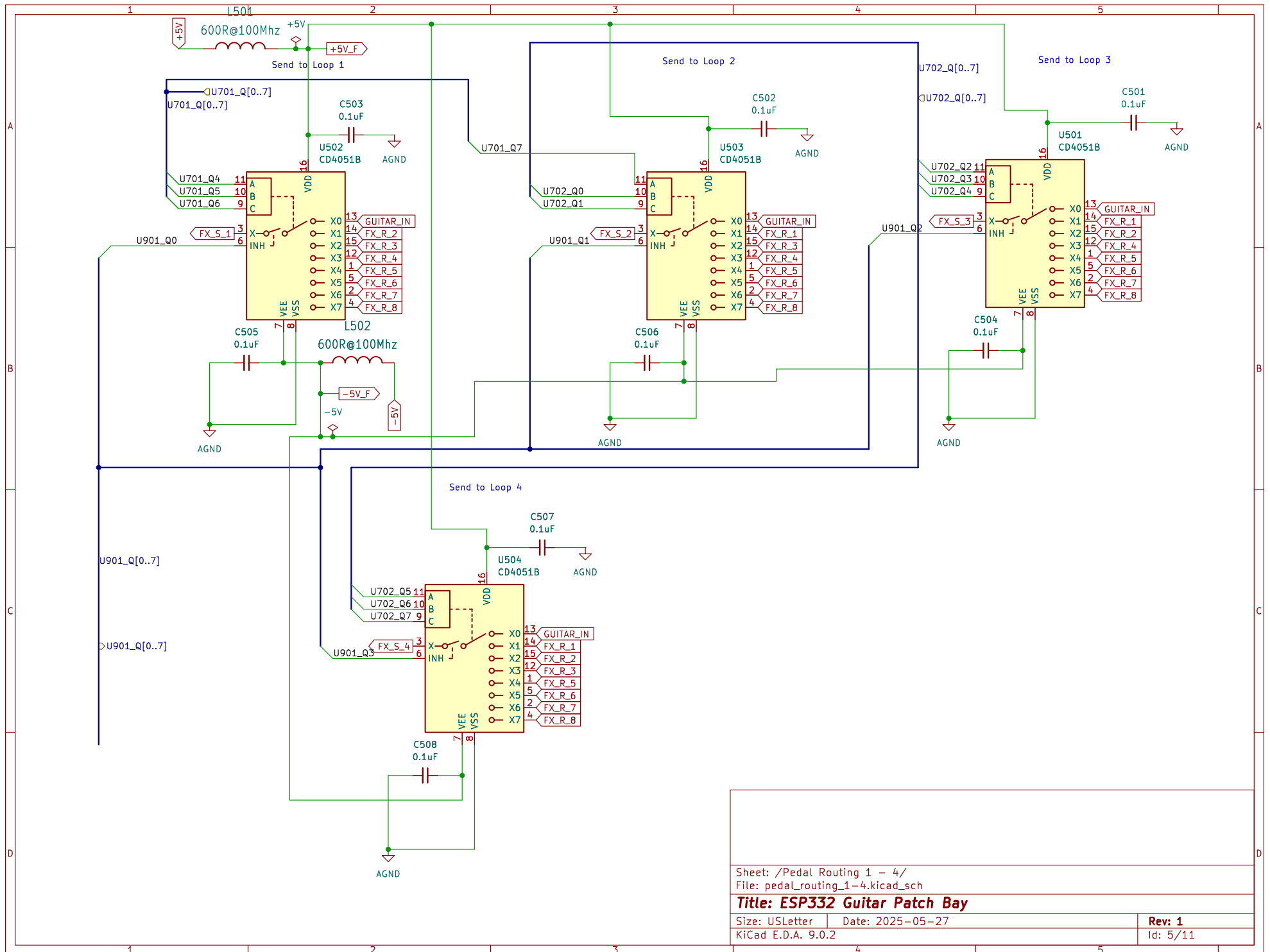
KiCad E.D.A. 9.0.2

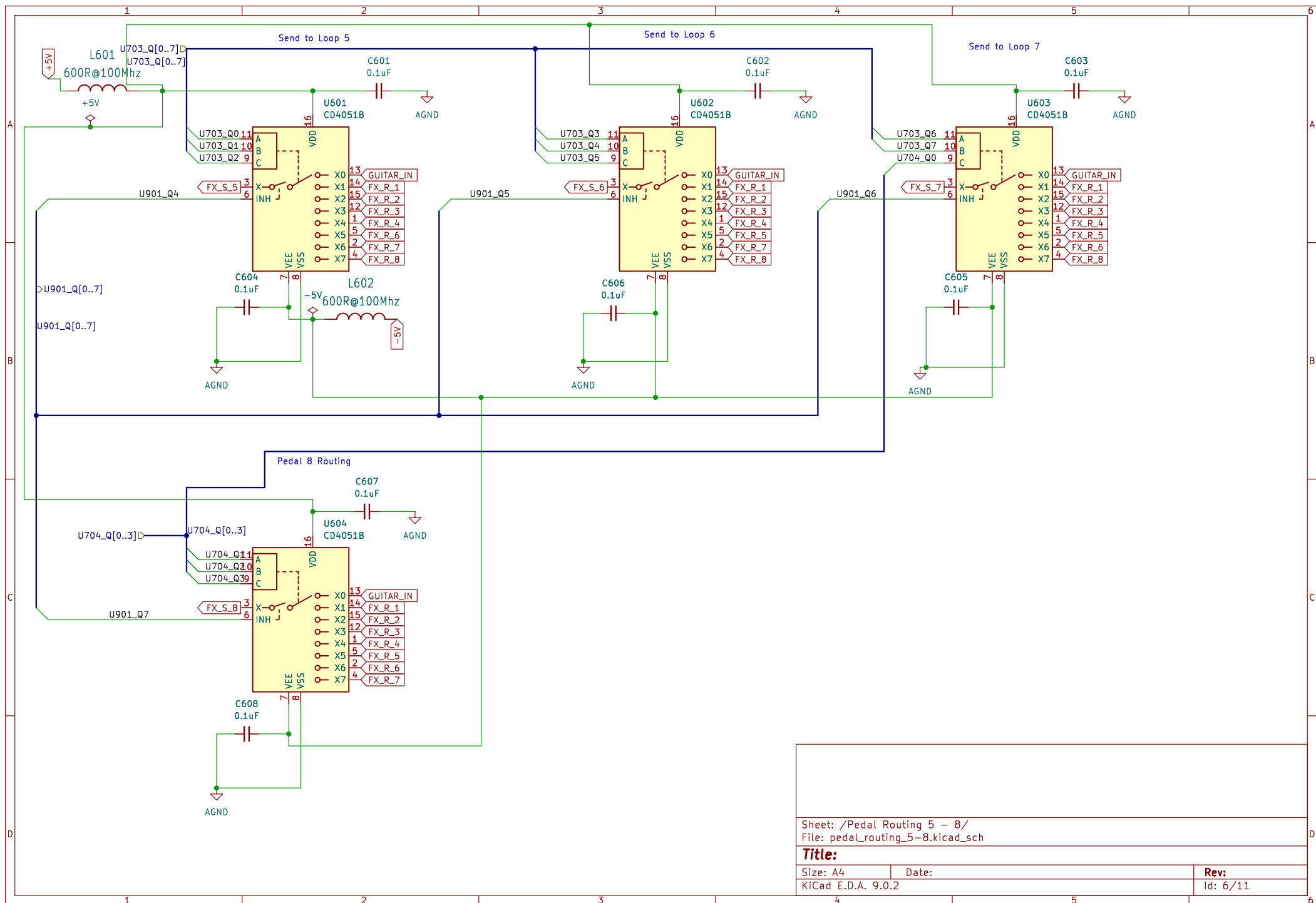
Rev: 1

Id: 2/11









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File: pedal_routing_5-8.kicad_sch

Title:

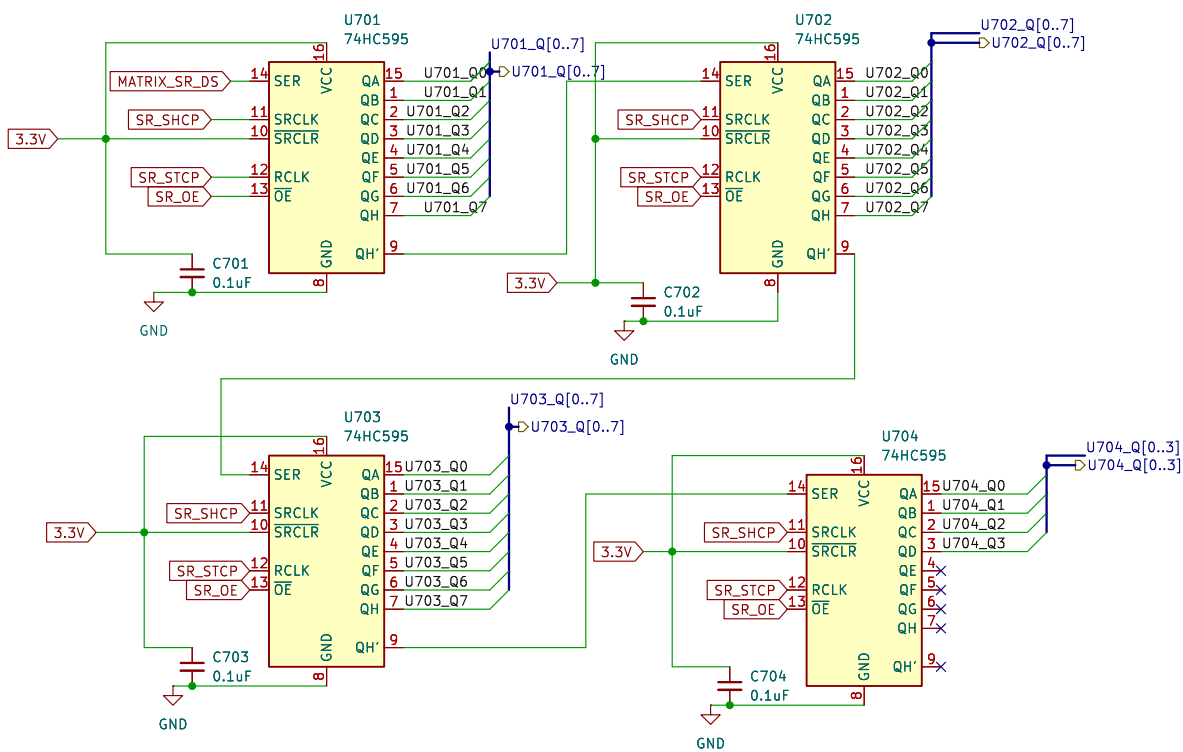
Size: A4

Date:

KiCad E.D.A. 9.0.2

Rev:

Id: 6/11

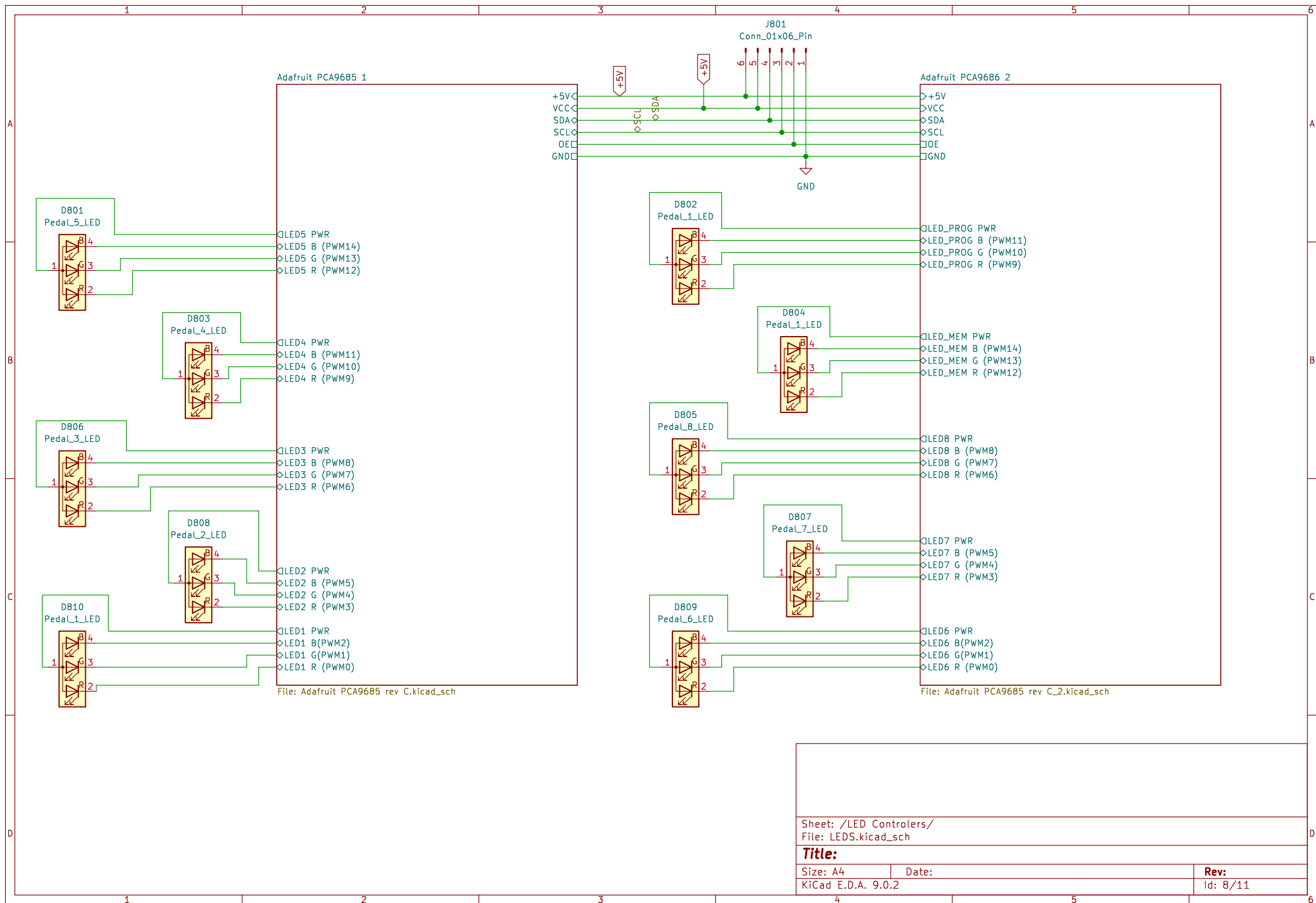


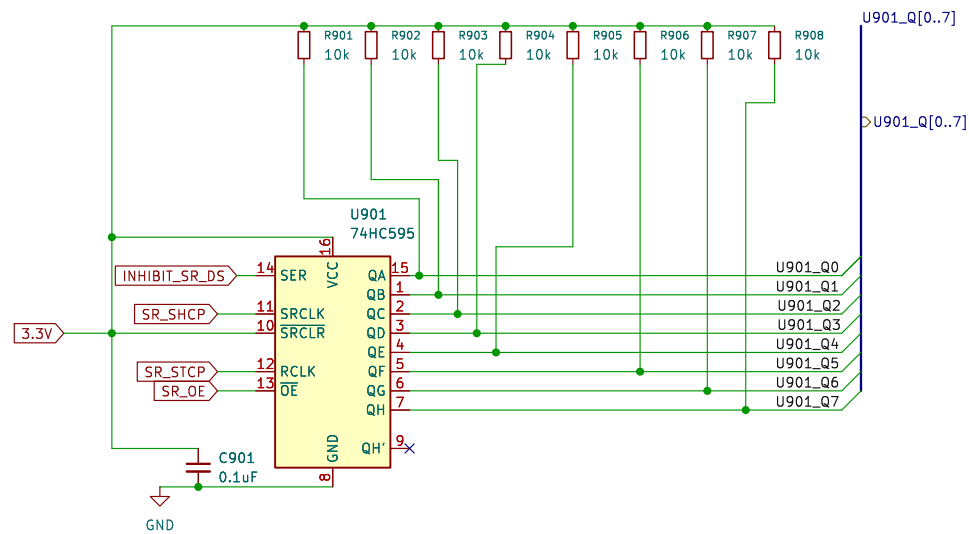
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File: shift_registers.kicad_sch

Title: ESP332 Guitar Patch Bay

Size: USLetter Date: 2025-05-27
KiCad E.D.A. 9.0.2

Rev: 1
Id: 7/11





Sheet: /Inhibit Registers/
File: Inhibit.kicad_sch

Title:

Size: A4

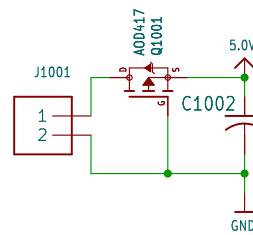
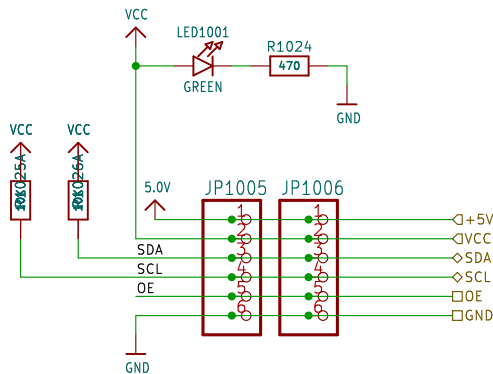
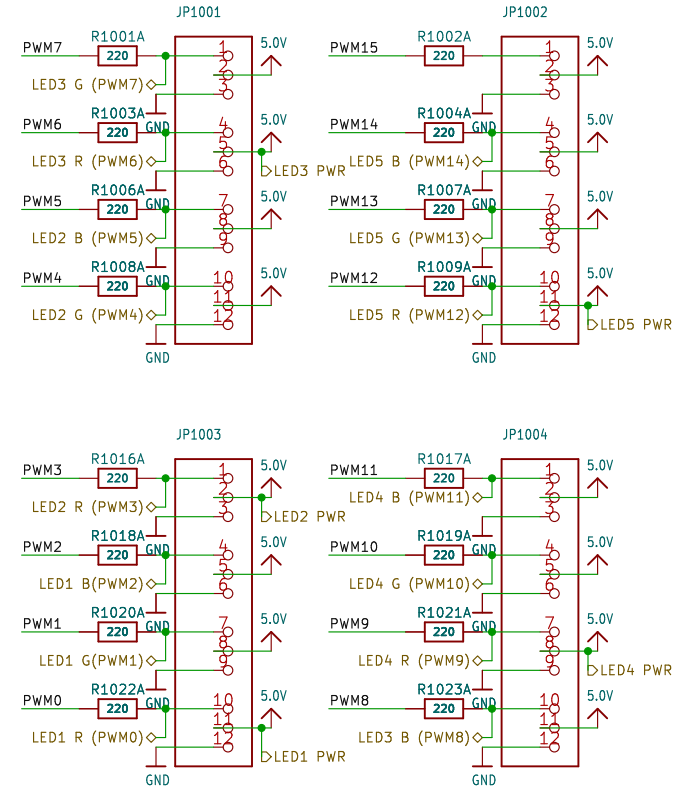
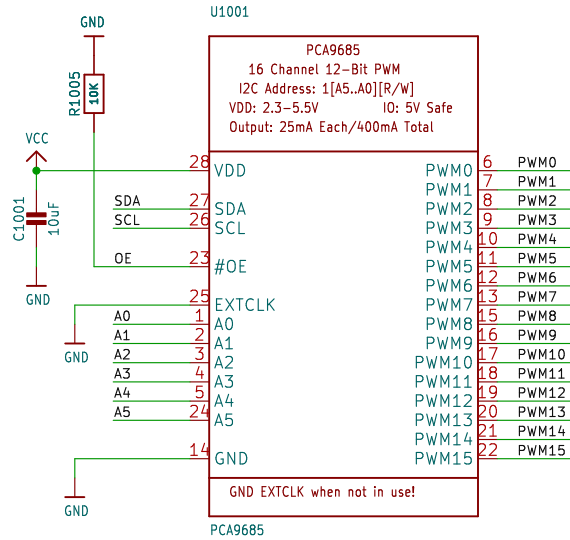
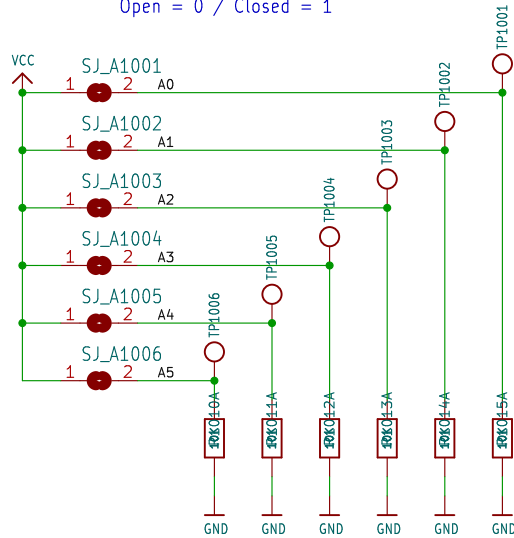
Date:

KiCad E.D.A. 9.0.2

Rev:

Id: 9/11

I2C Address =
 $1 + A5 + A4 + A3 + A2 + A1 + A1 + RW$
 Open = 0 / Closed = 1



Reverse voltage protection



Sheet: /LED Controllers/Adafruit PCA9685 1/
 File: Adafruit PCA9685 rev C.kicad_sch

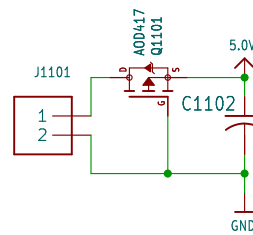
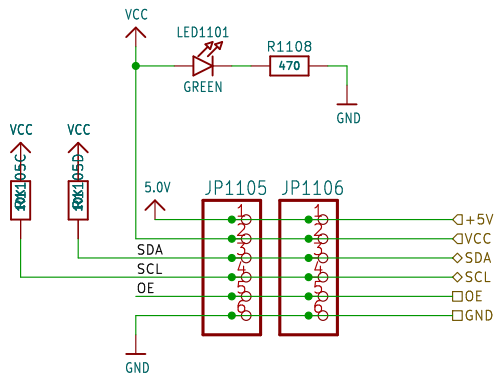
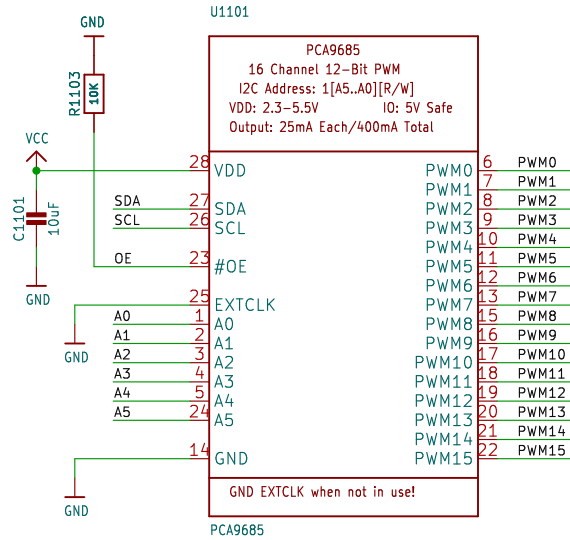
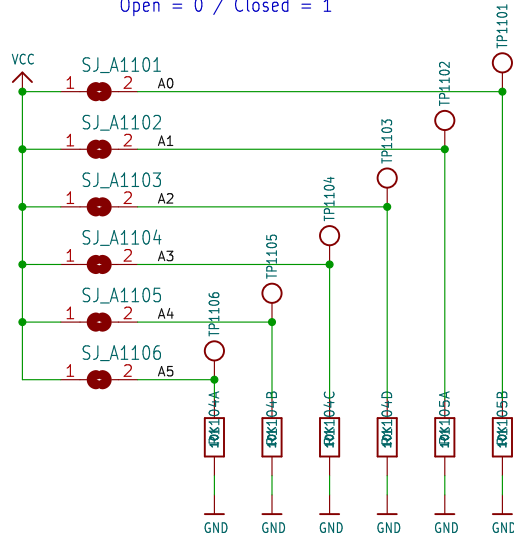
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Size: User Date:

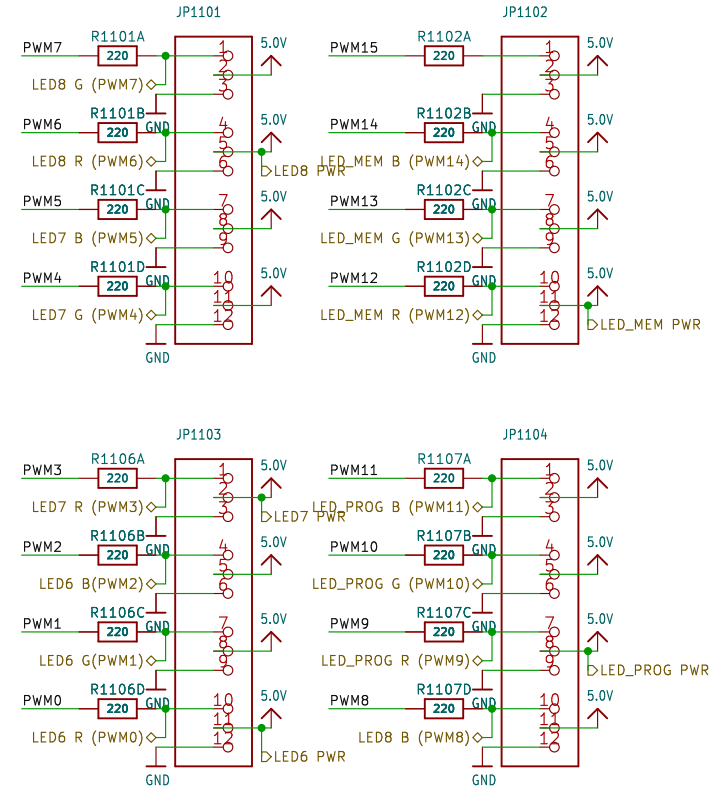
KiCad E.D.A. 9.0.2

Rev:
 Id: 10/11

I2C Address =
 $1 + A5 + A4 + A3 + A2 + A1 + A1 + RW$
 Open = 0 / Closed = 1



Reverse voltage protection



Sheet: /LED Controllers/Adafruit PCA9686 2/
 File: Adafruit PCA9685 rev C_2.kicad_sch

Title:

Size: User Date:
 KiCad E.D.A. 9.0.2

Rev:
 Id: 11/11