

LED Panel Controller

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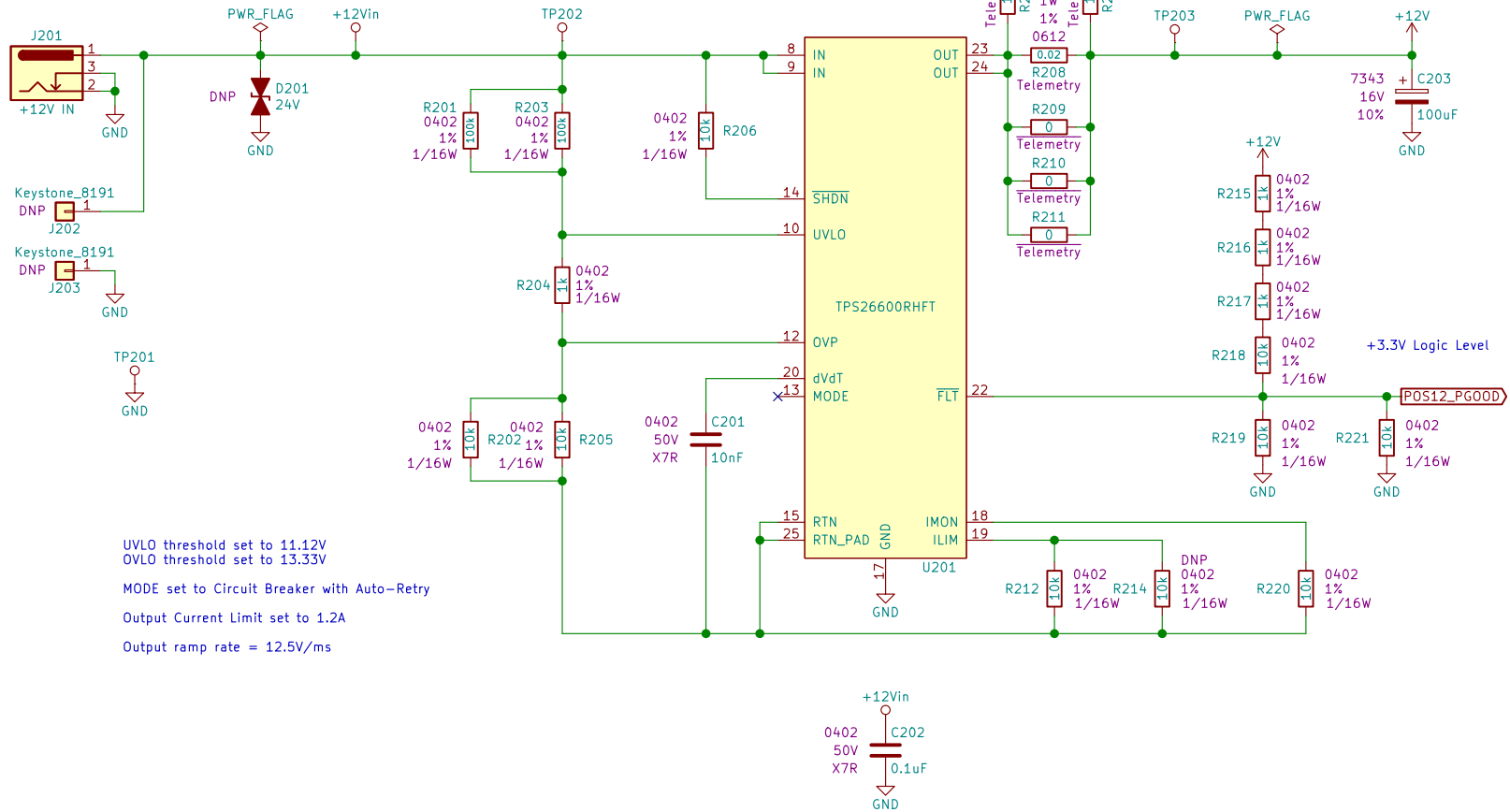
Drew Maatman

Sheet: /
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Title: LED Panel Controller

Size: A Date: 2021-03-31
KiCad E.D.A. kicad (5.1.8)-1

Rev: A
Id: 1/34



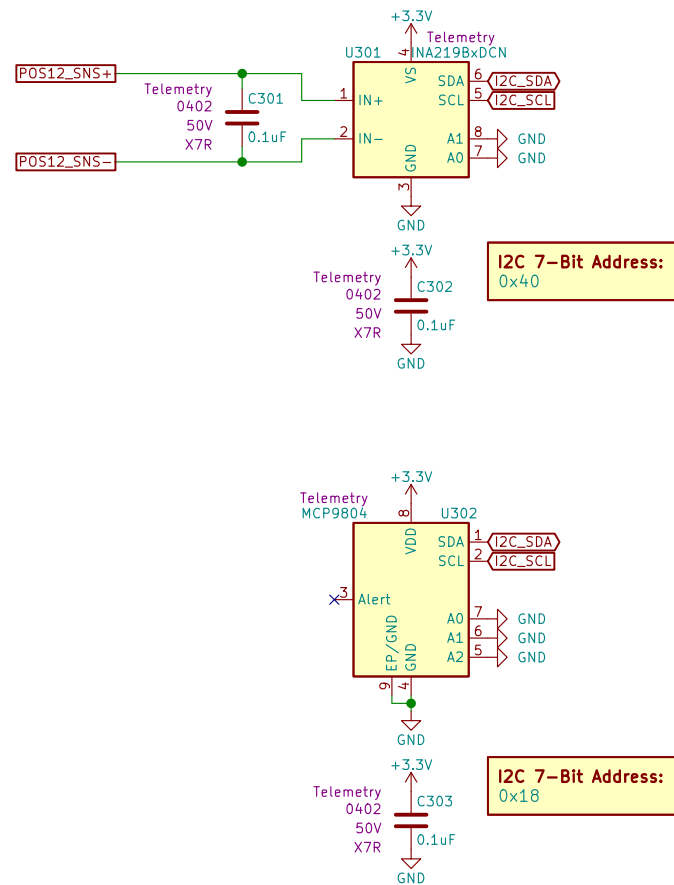
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Size: A Date: 2021-03-31
 KiCad E.D.A. kicad (5.1.8)-1

Rev: A
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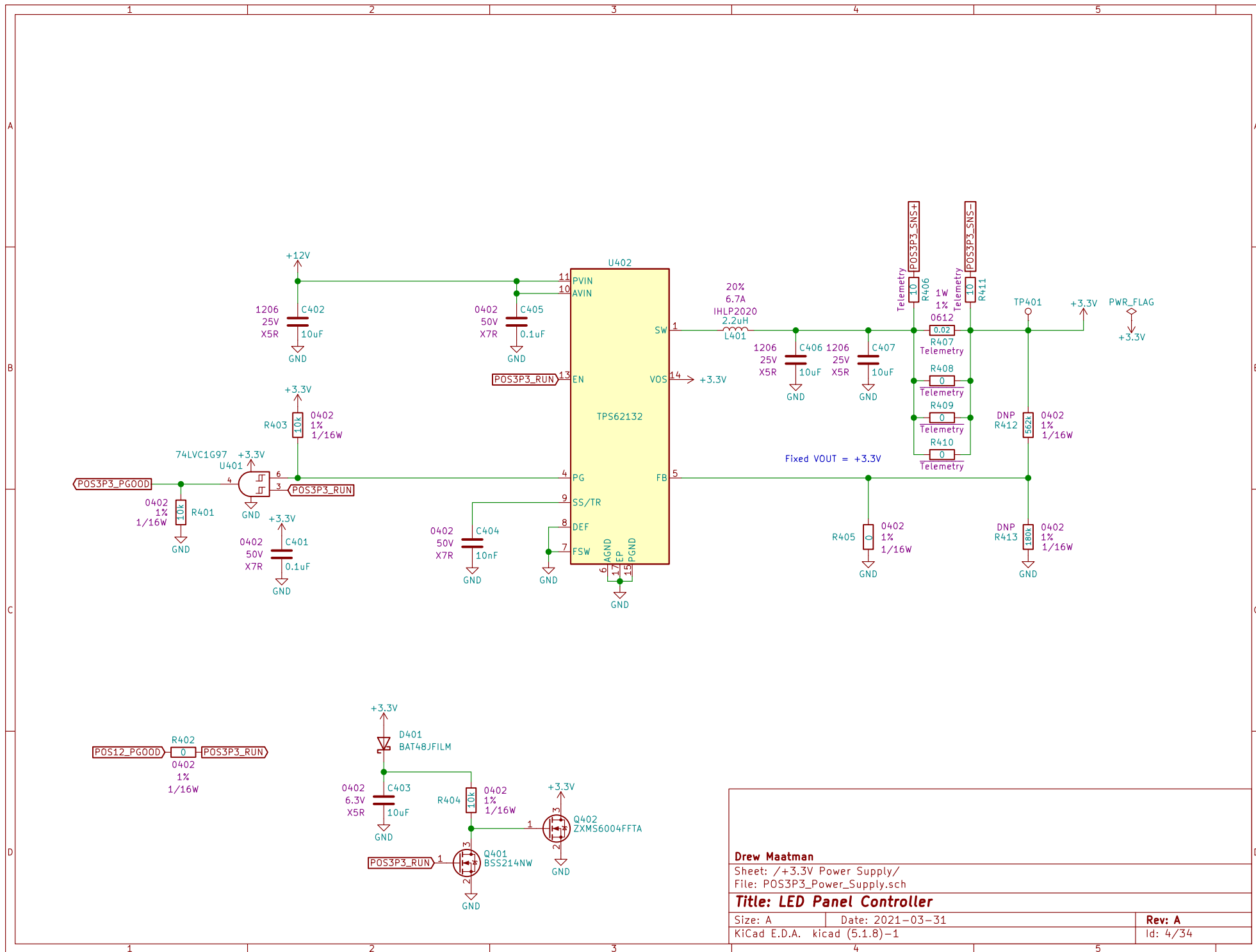
Drew Maatman

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File: POS12_Telemetry.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
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Id: 3/34



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Sheet: /+3.3V Power Supply/
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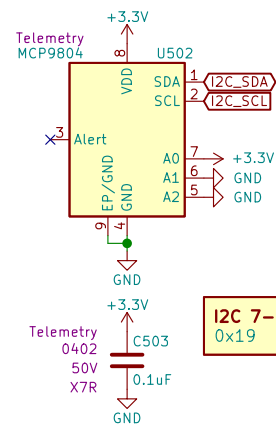
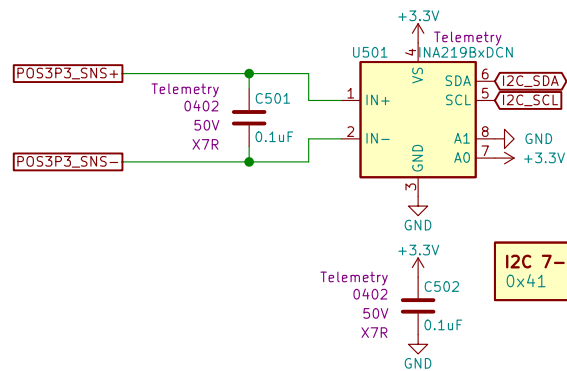
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KiCad E.D.A. kicad (5.1.8)-1

Rev: A

Id: 4/34



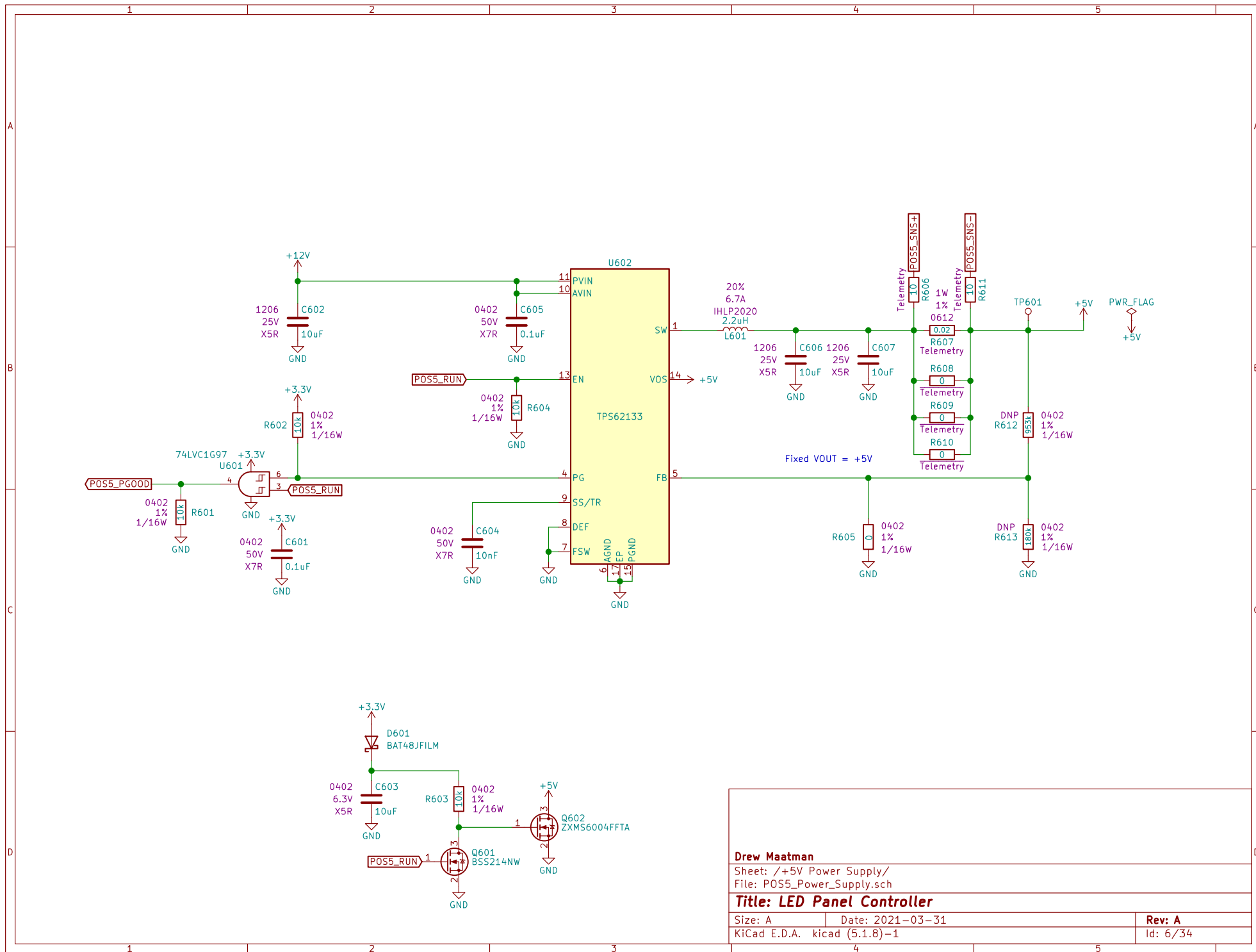
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Title: LED Panel Controller

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Sheet: /+5V Power Supply/
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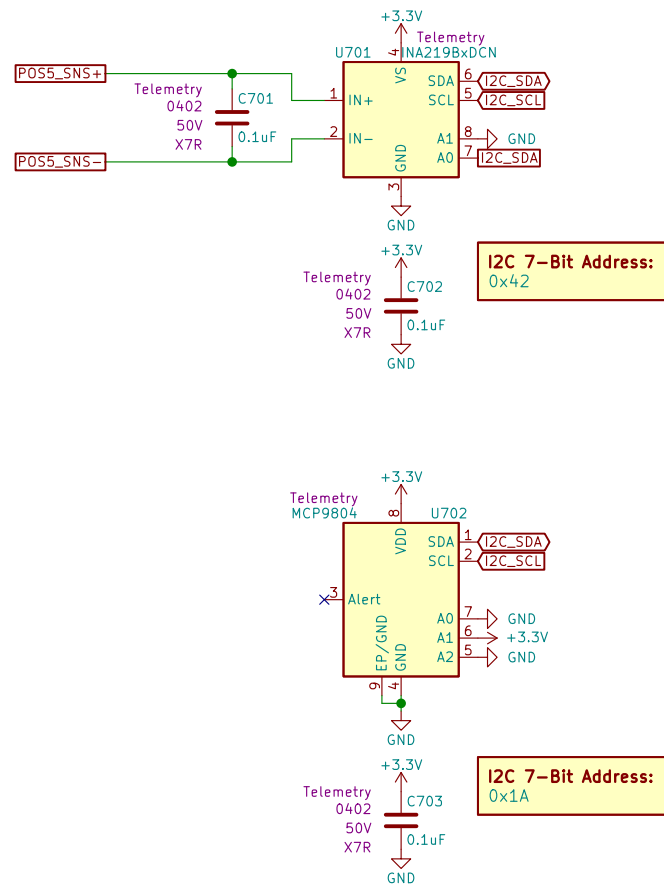
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Sheet: /+5V Telemetry/

File: POS5_Telemetry.sch

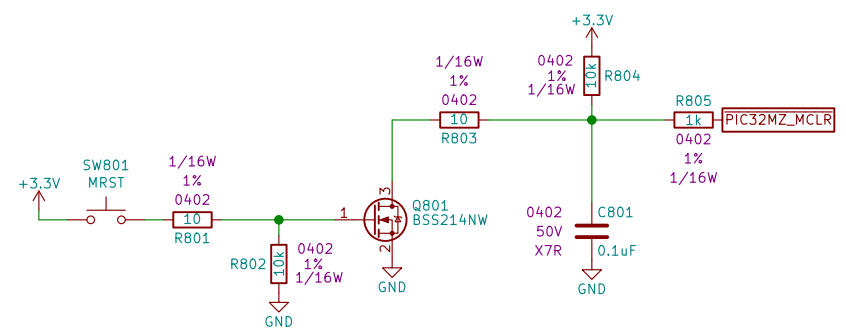
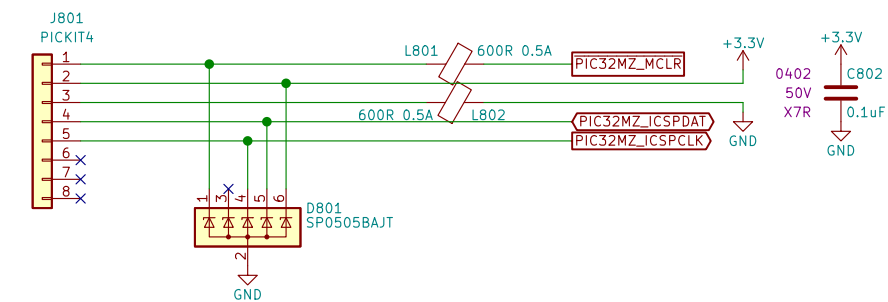
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Size: A Date: 2021-03-31

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Id: 7/34



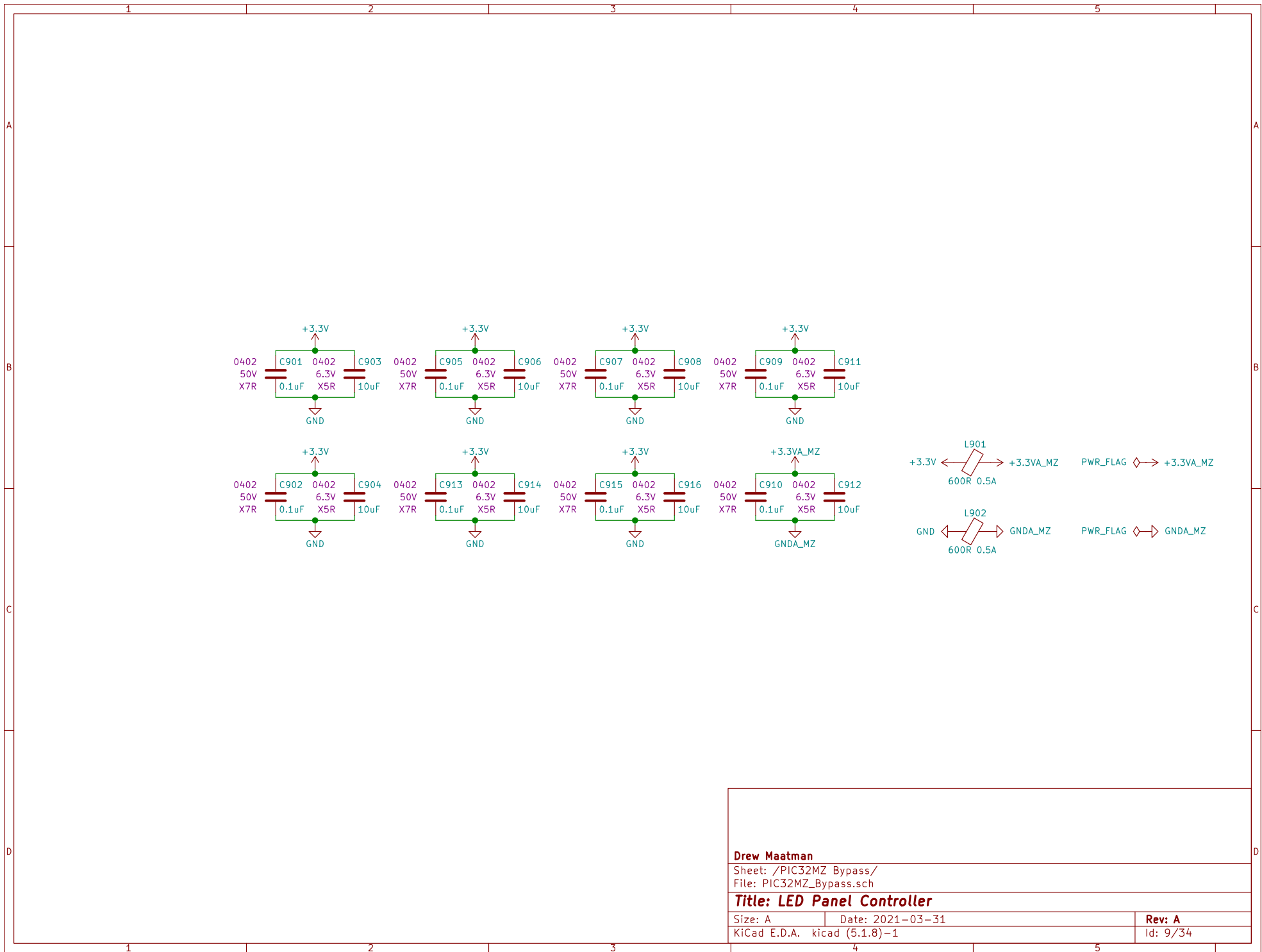
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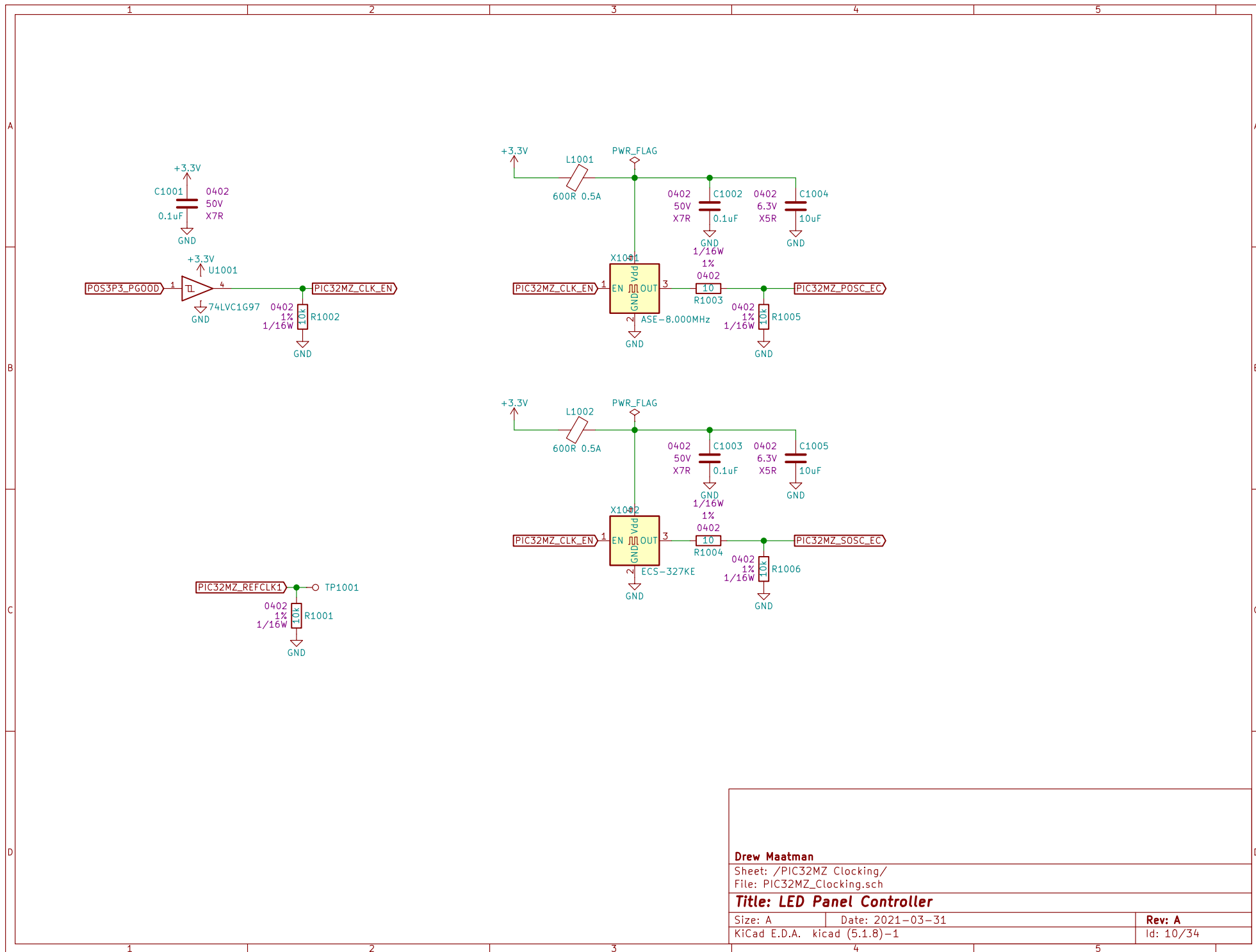
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File: PIC32MZ_Programming.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
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Rev: A
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Sheet: /PIC32MZ Clocking/
File: PIC32MZ_Clocking.sch

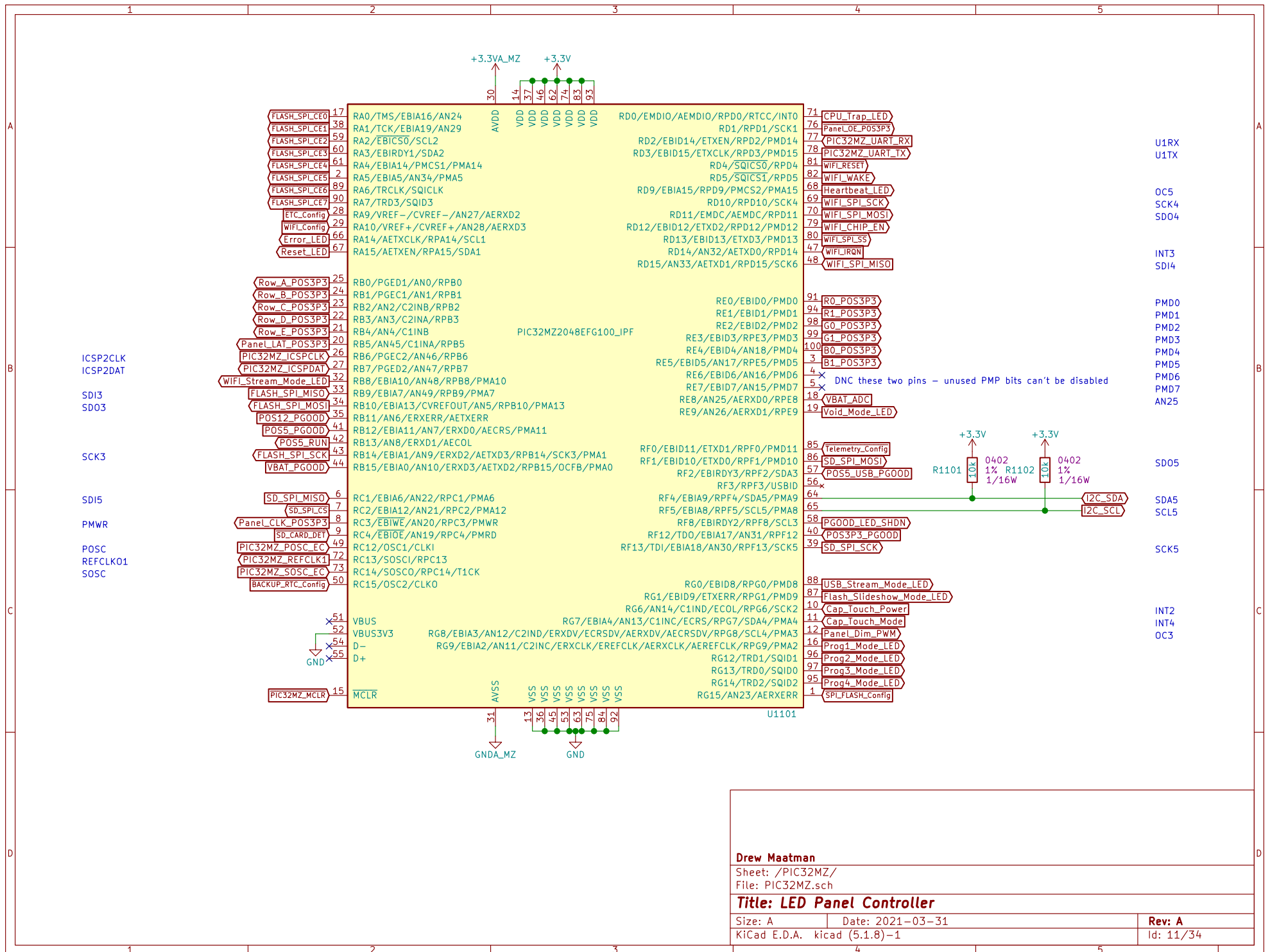
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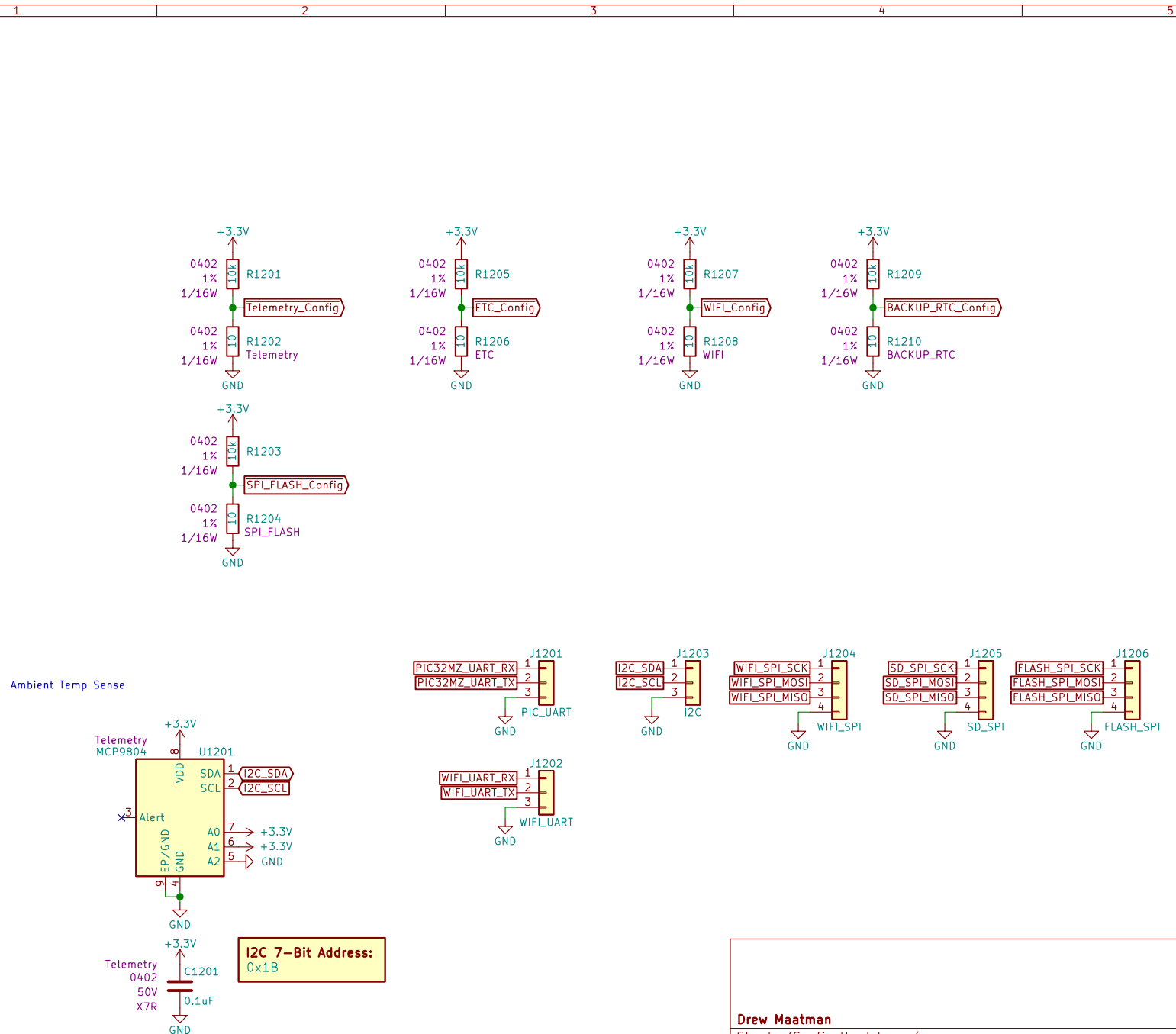
Drew Maatman

Sheet: /PIC32MZ/
File: PIC32MZ.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
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Rev: A
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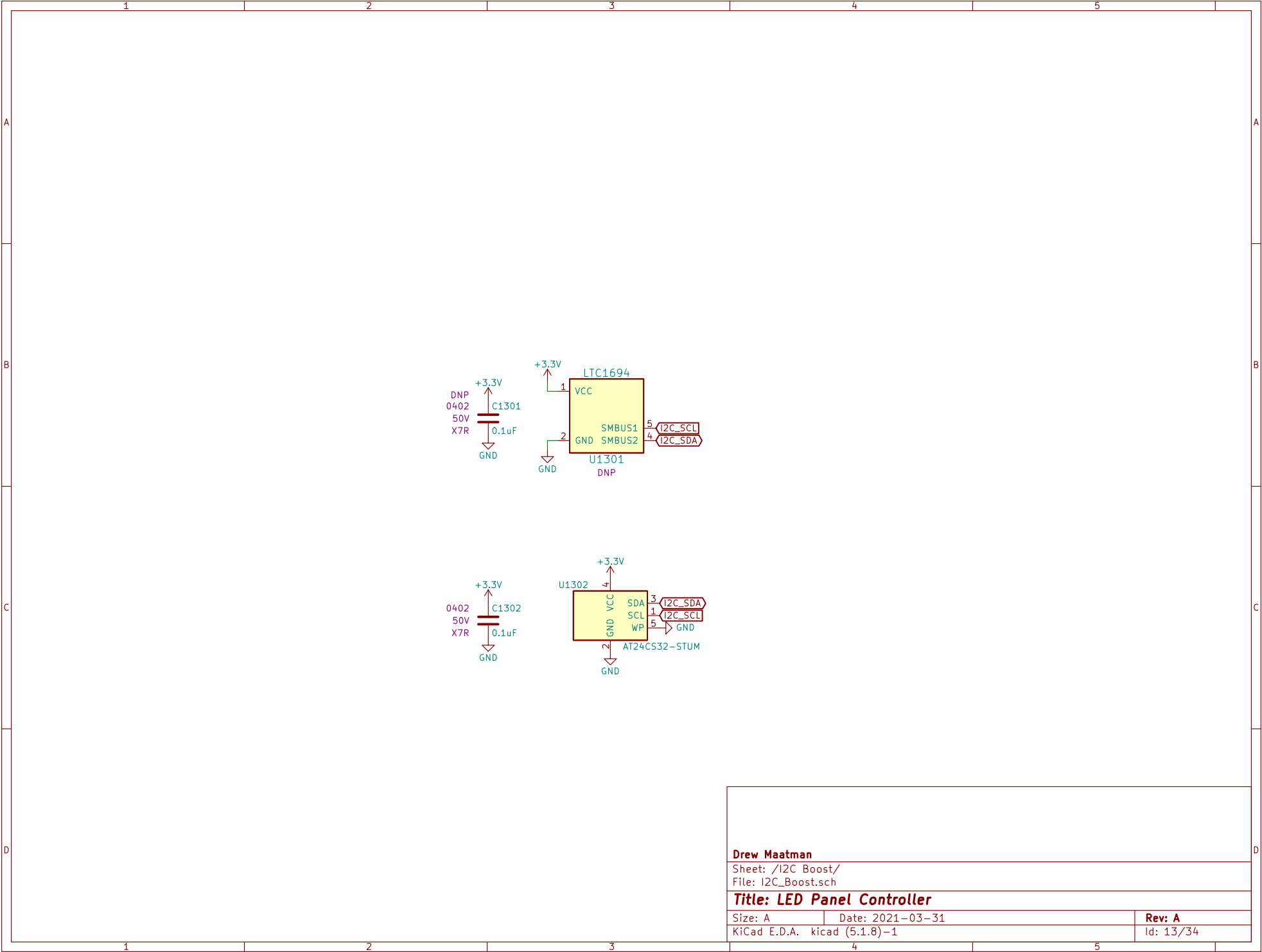
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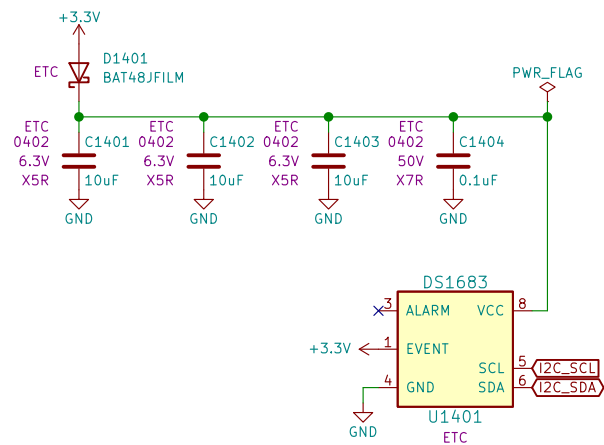
Sheet: /Config Hardstraps/
File: config_hardstraps.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
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I2C 7-Bit Address:
0x6B

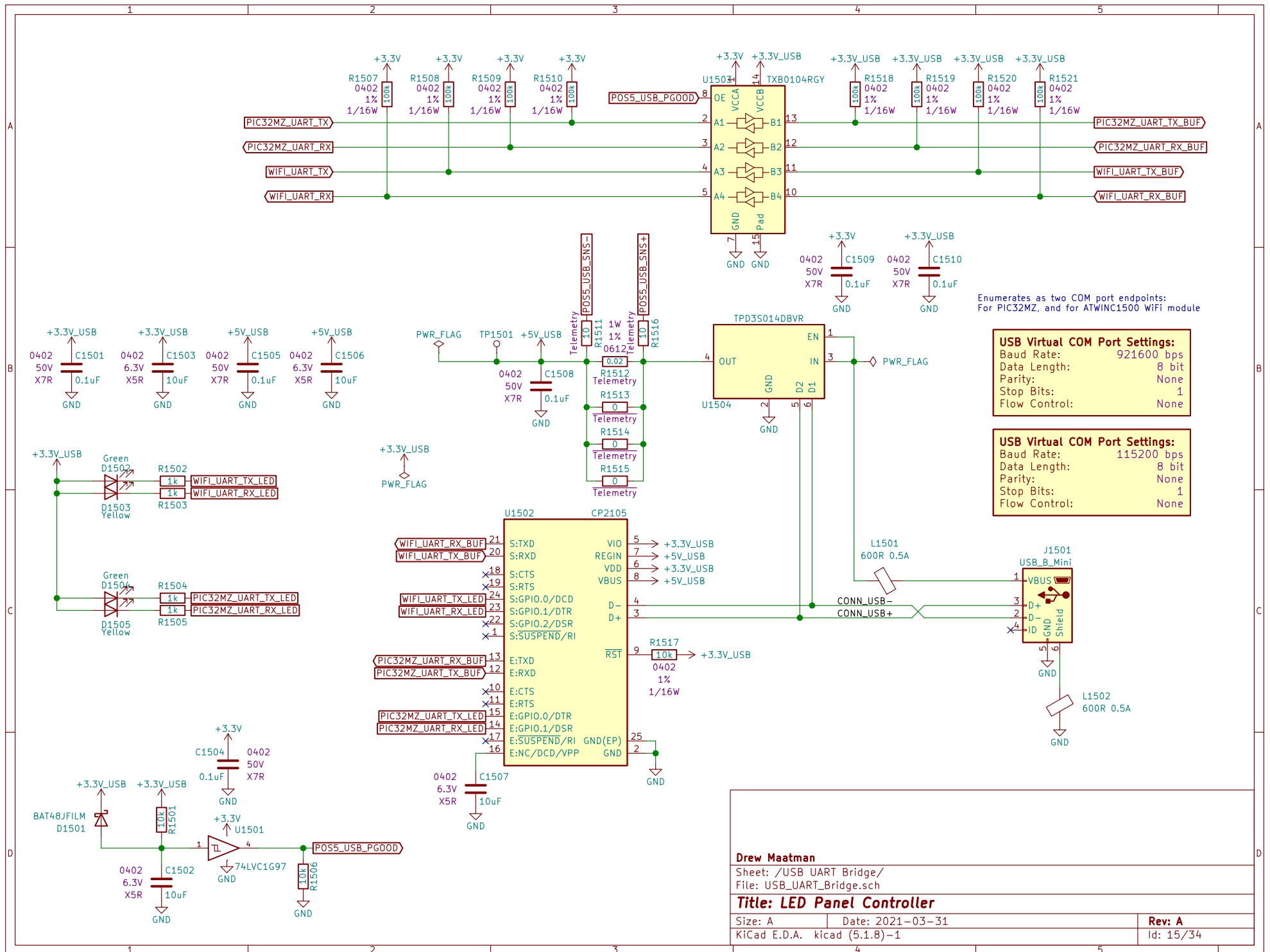
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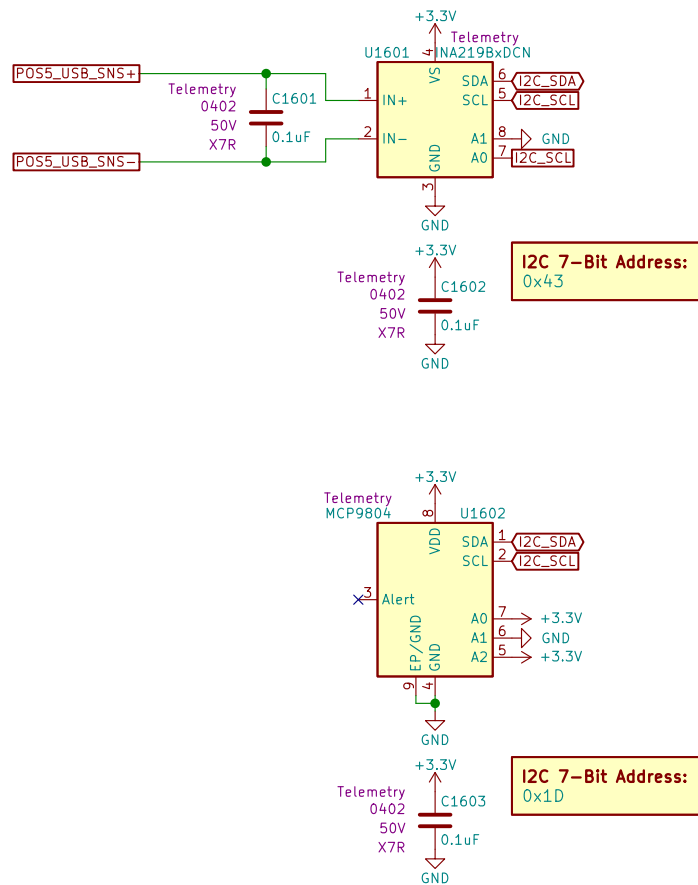
Sheet: /Platform ETC/
File: Platform_ETC.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
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Rev: A
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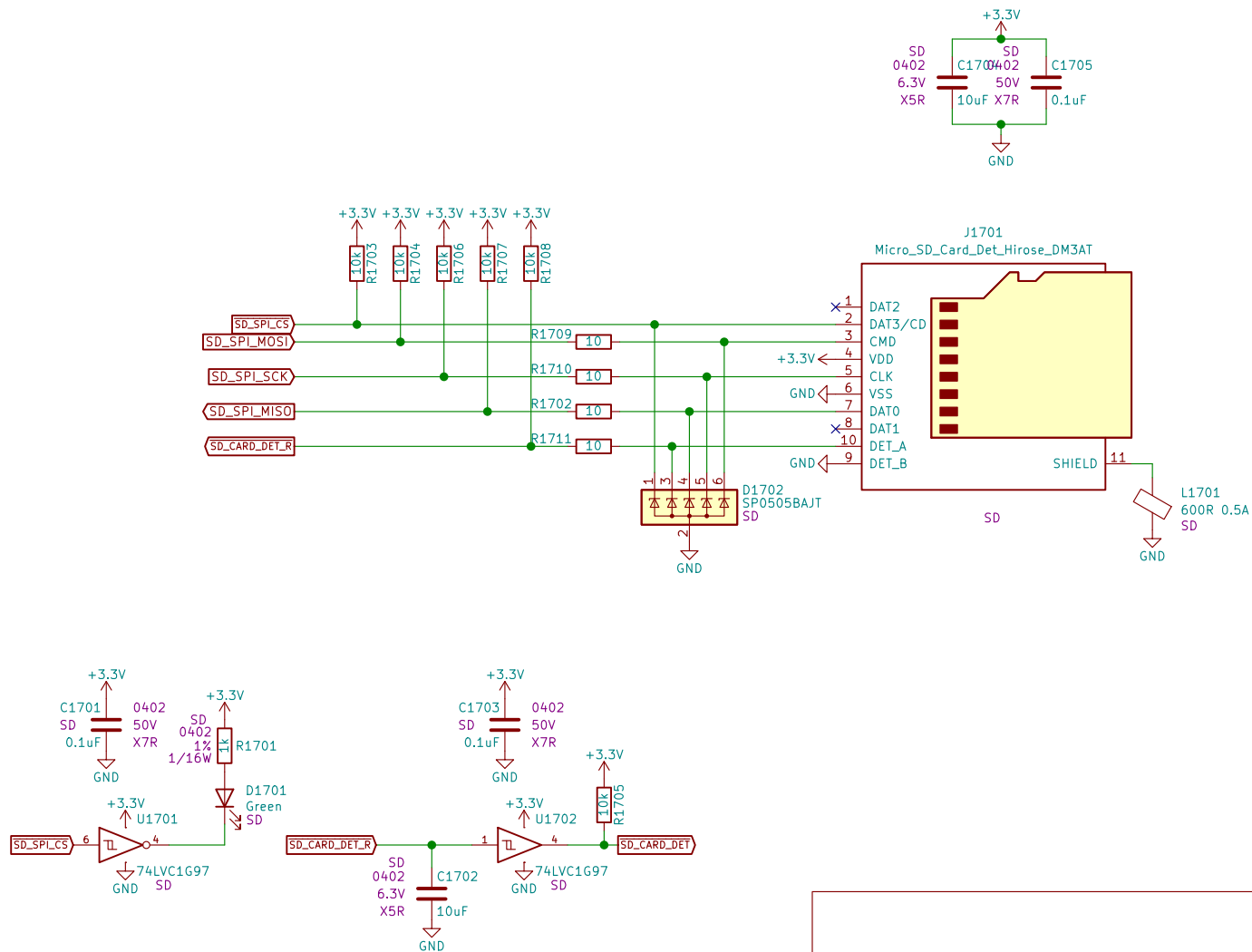
Drew Maatman

Sheet: /USB Telemetry/
 File: USB_Telemetry.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
 KiCad E.D.A. kicad (5.1.8)-1

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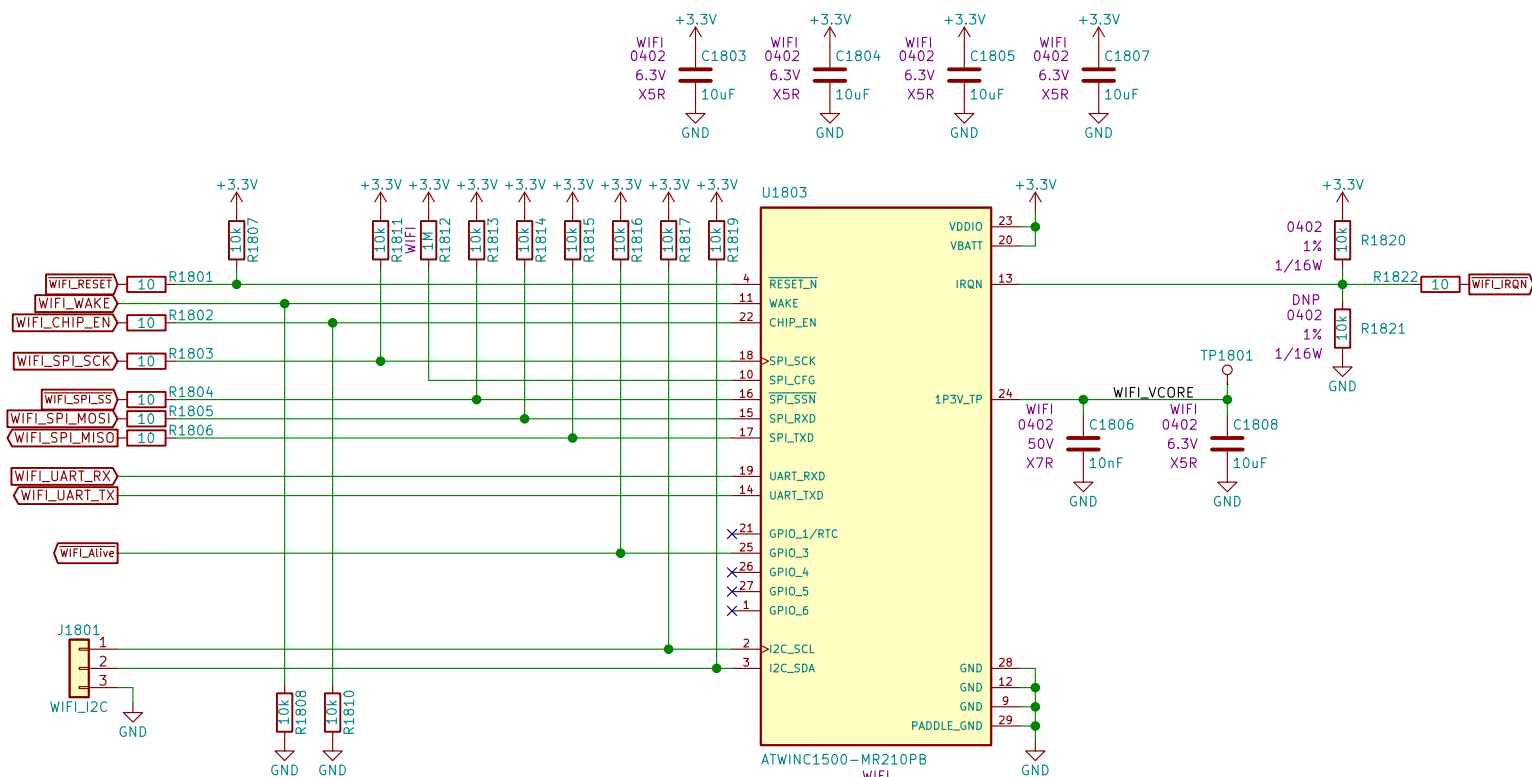
Drew Maatman

Sheet: /SD Card Slot/
File: SD_Card_Slot.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
KiCad E.D.A. kicad (5.1.8)-1

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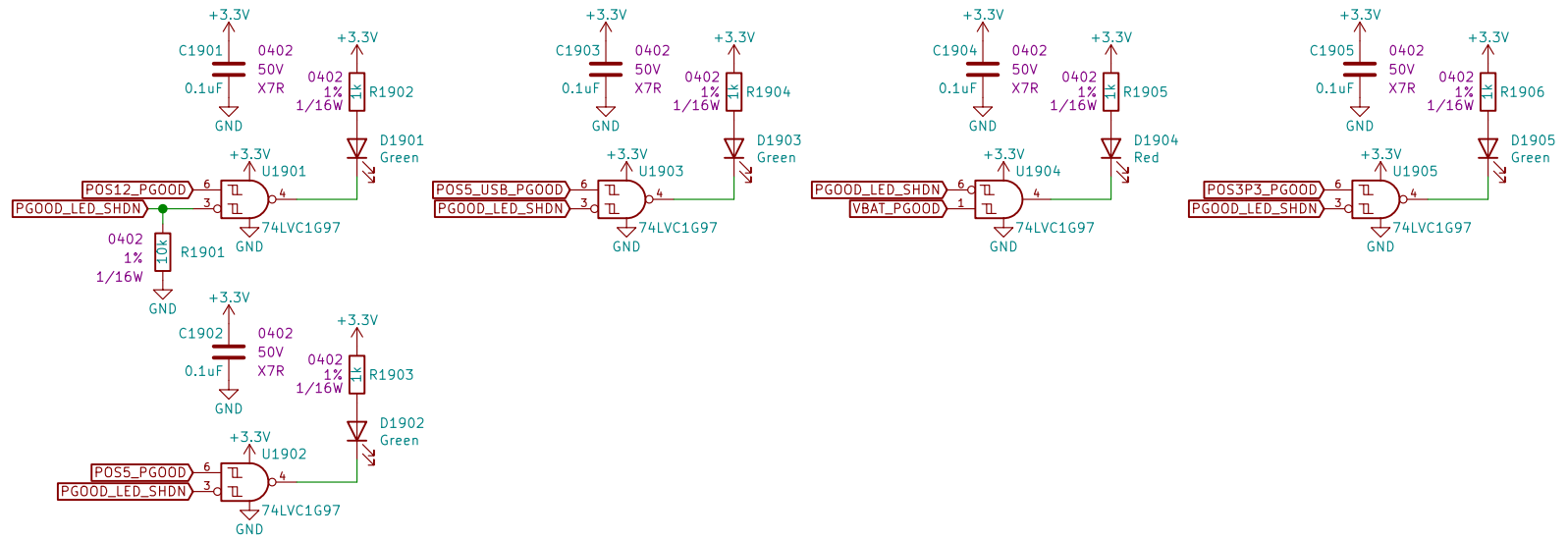
Drew Maatman

Sheet: /WiFi Module/
File: WiFi_Module.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
KiCad E.D.A. kicad (5.1.8)-1

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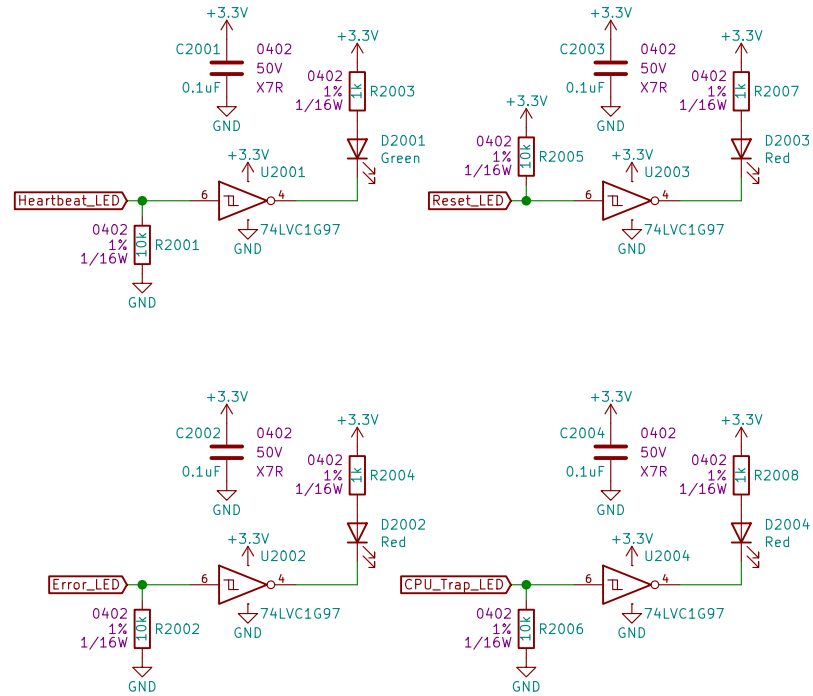
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Sheet: /PGOOD LEDs/
File: PGOOD_LEDS.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
KiCad E.D.A. kicad (5.1.8)-1

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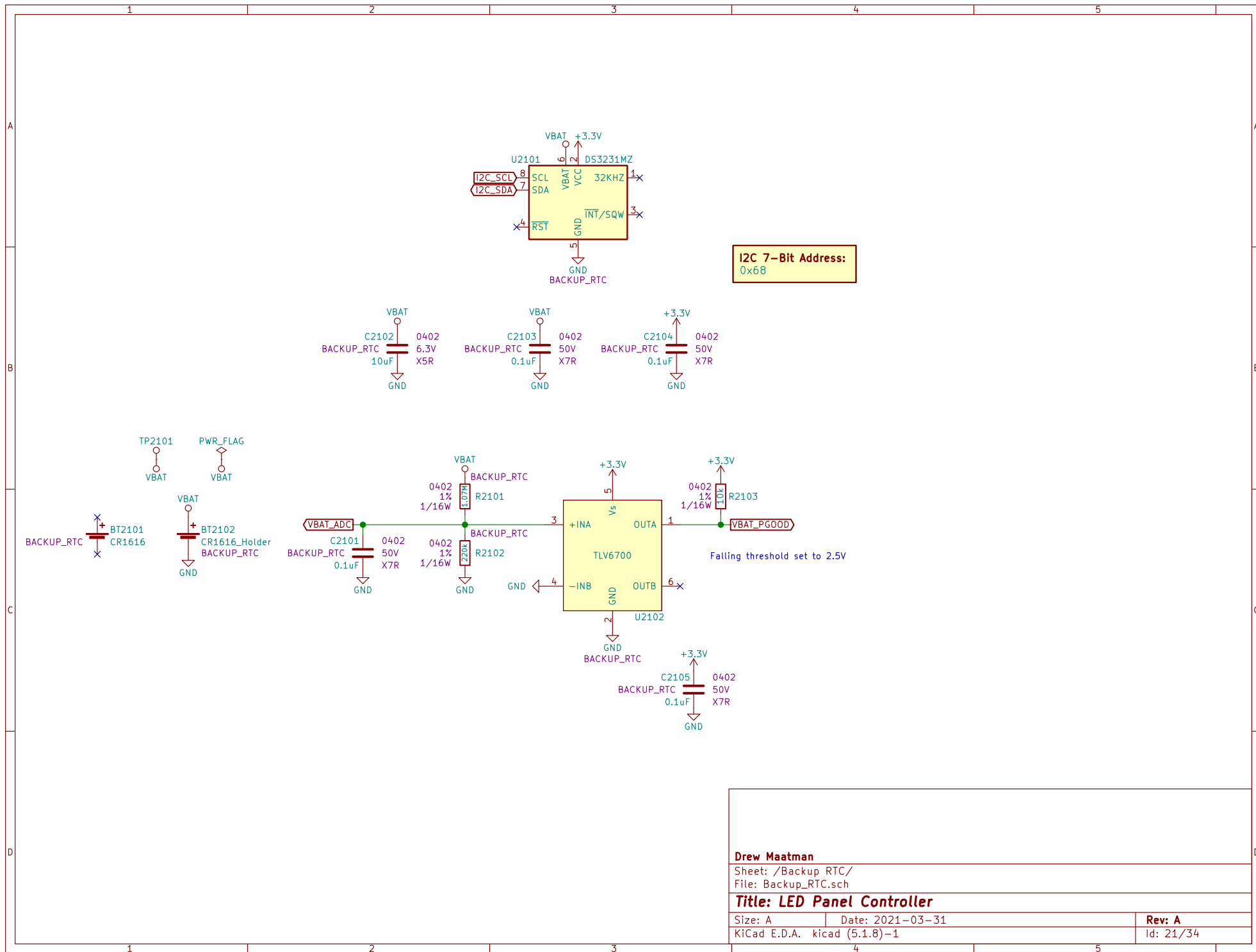
Drew Maatman

Sheet: /Status_LEDs/
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Title: LED Panel Controller

Size: A Date: 2021-03-31
KiCad E.D.A. kicad (5.1.8)-1

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Id: 20/34



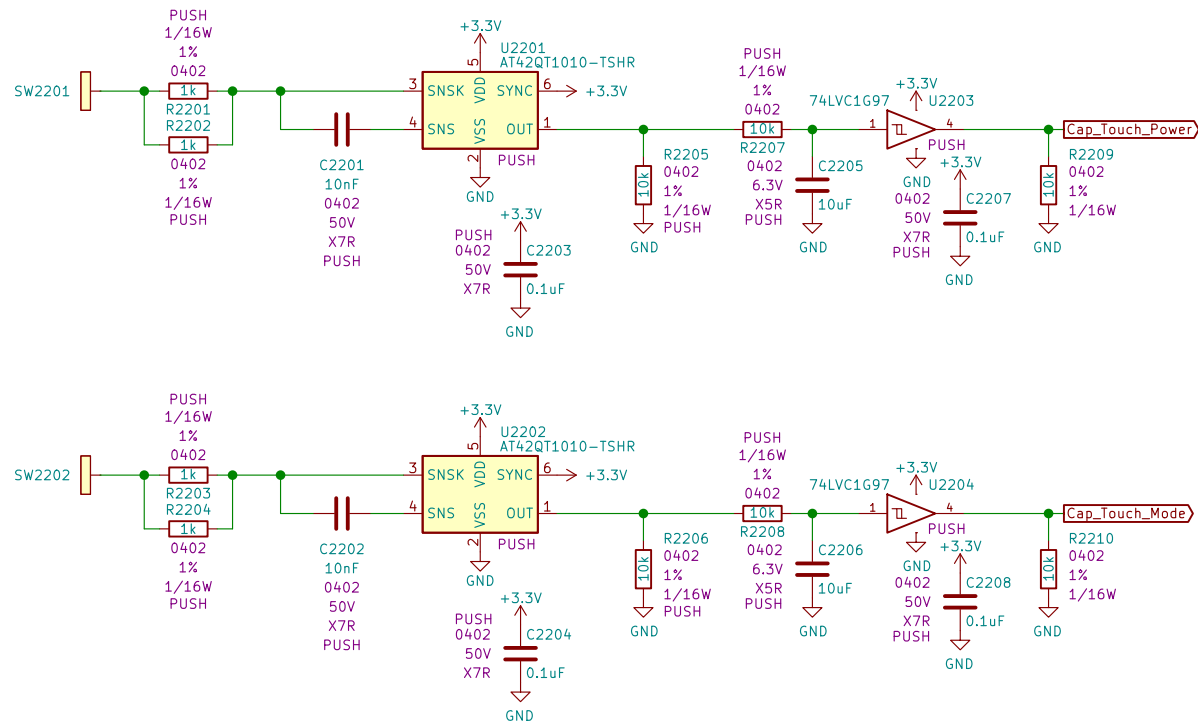
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Sheet: /Backup RTC/
File: Backup_RTC.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
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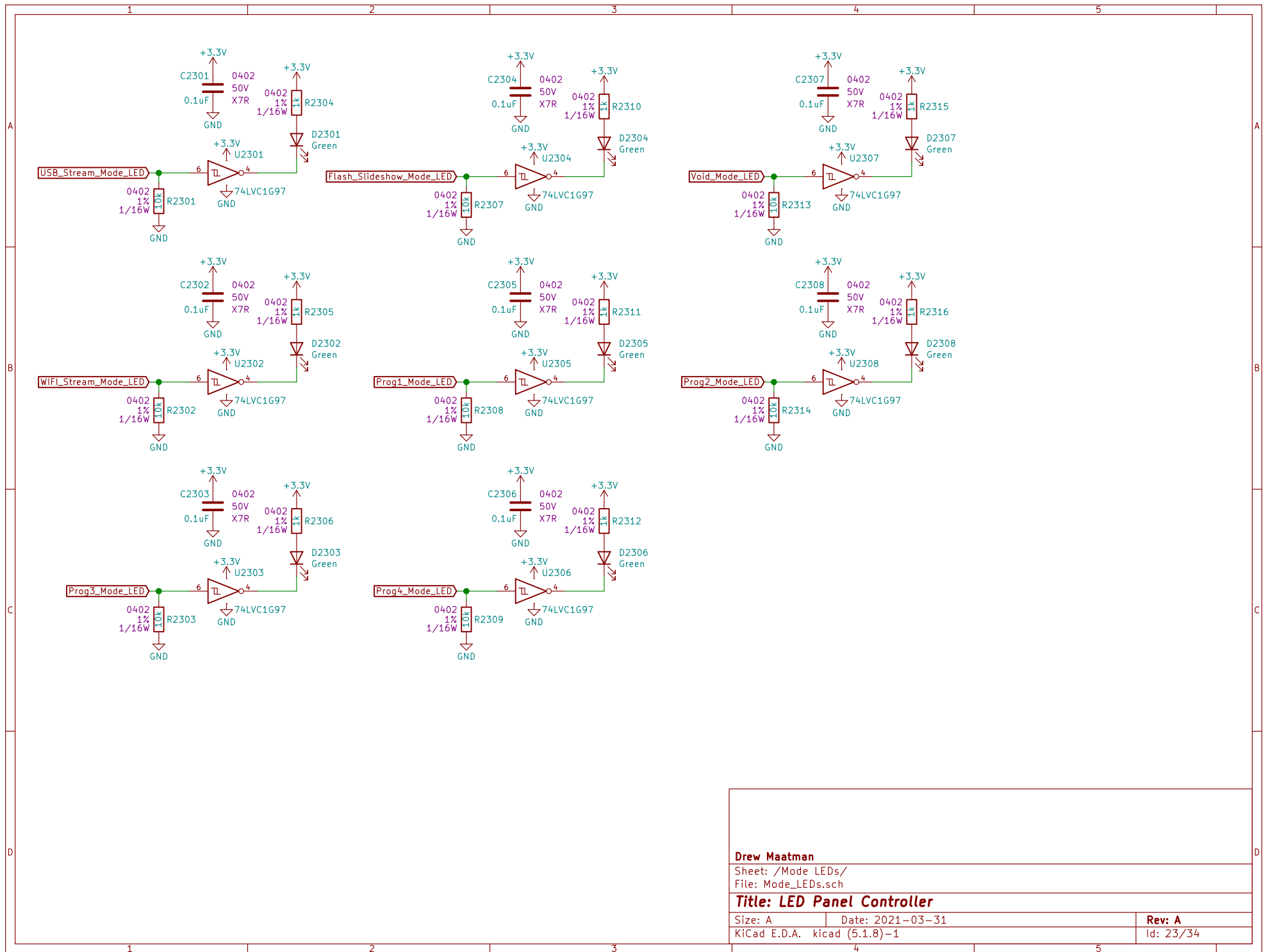
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Sheet: /Pushbuttons/
File: Pushbuttons.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
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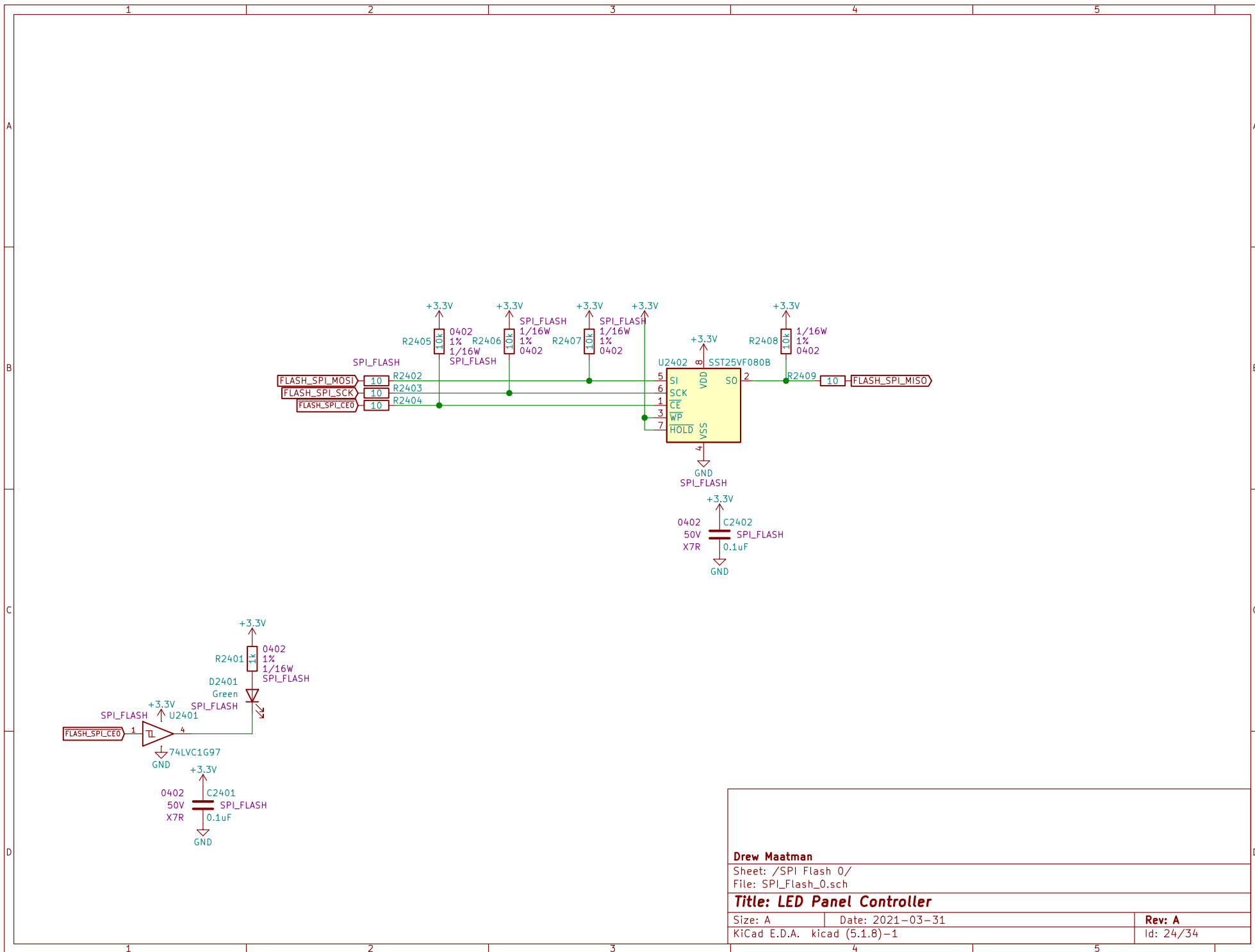
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Sheet: /Mode LEDs/
File: Mode_LEDs.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
KiCad E.D.A. kicad (5.1.8)-1

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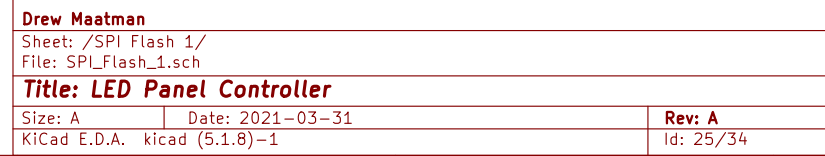
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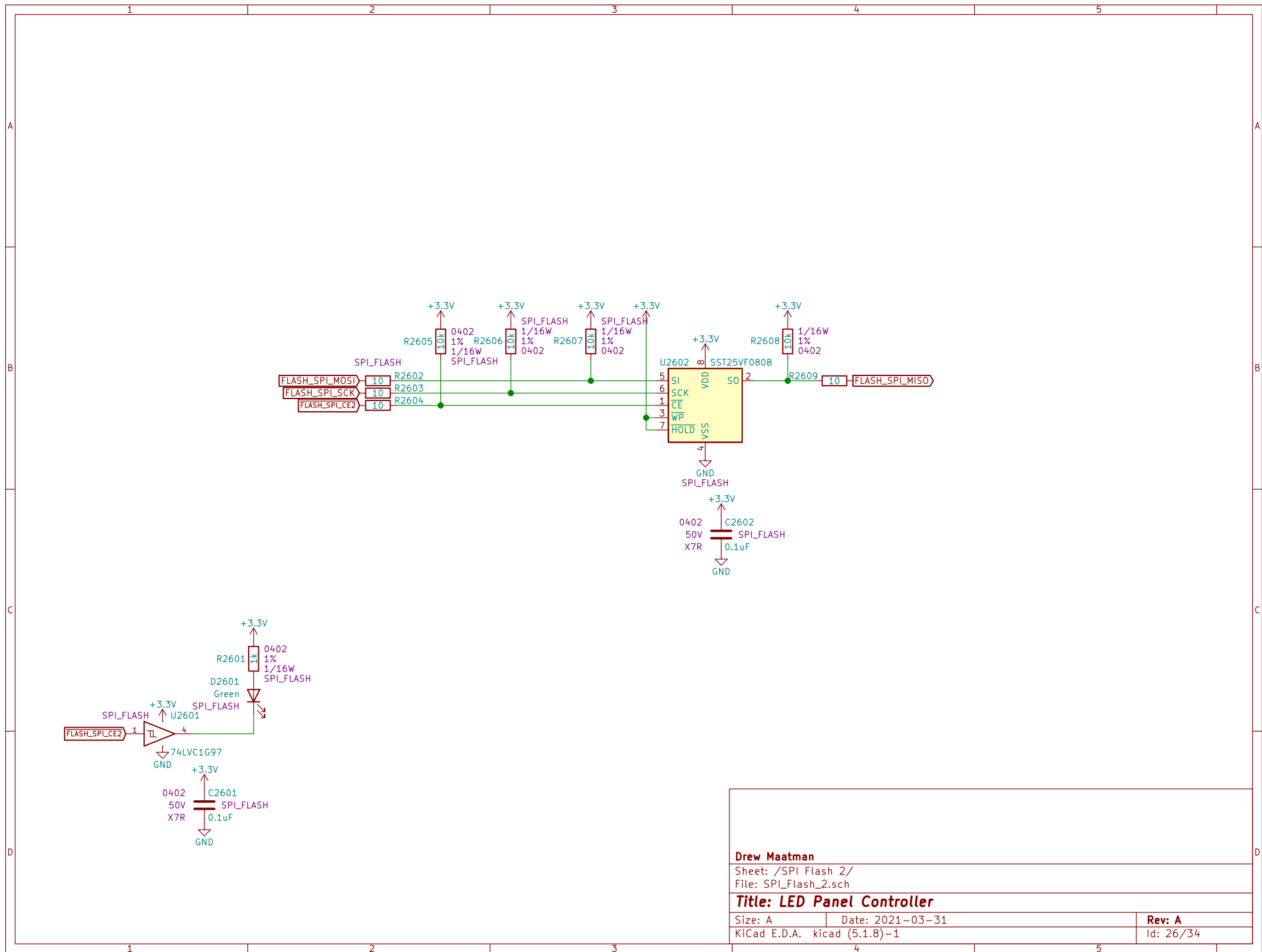
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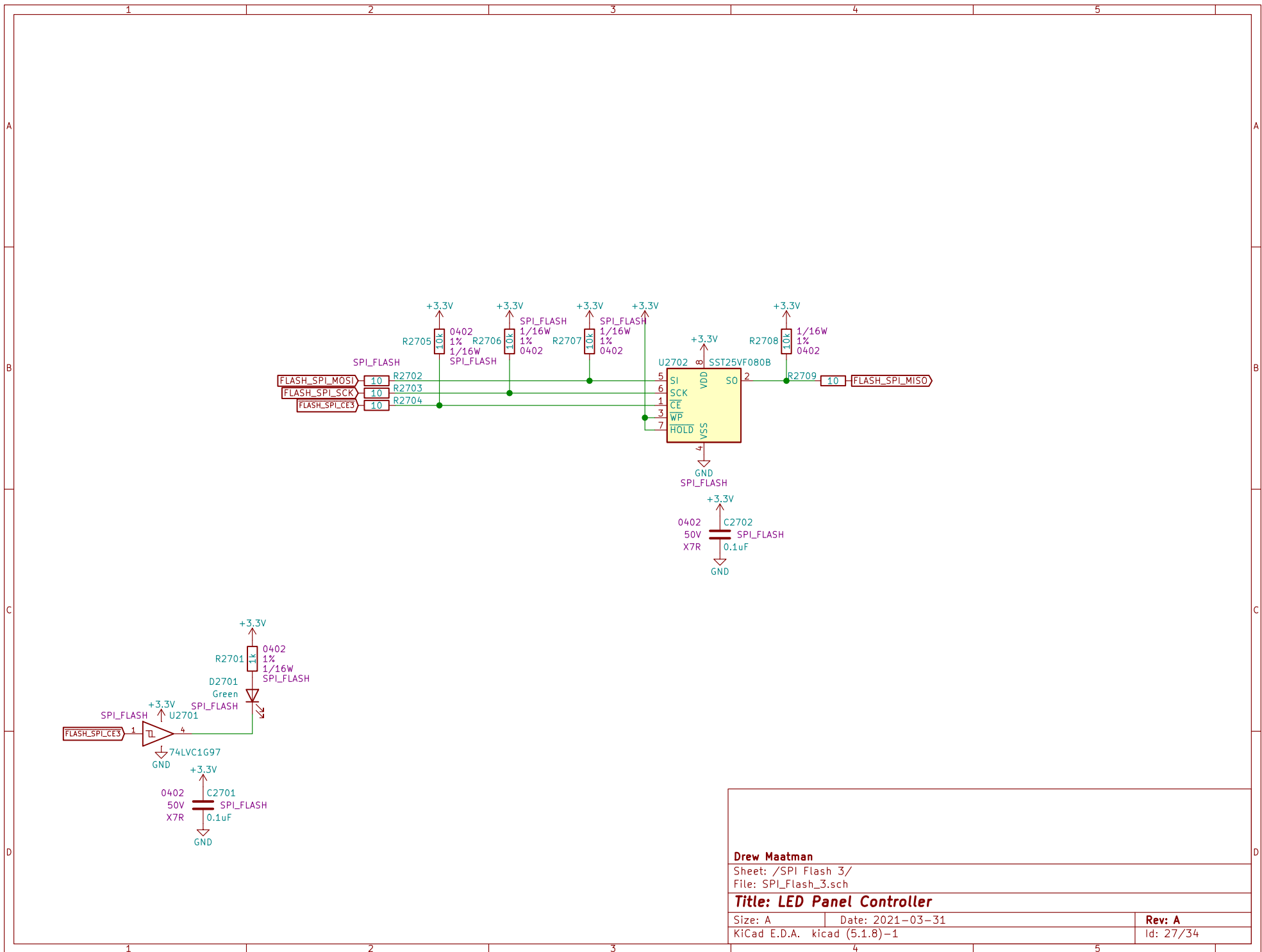
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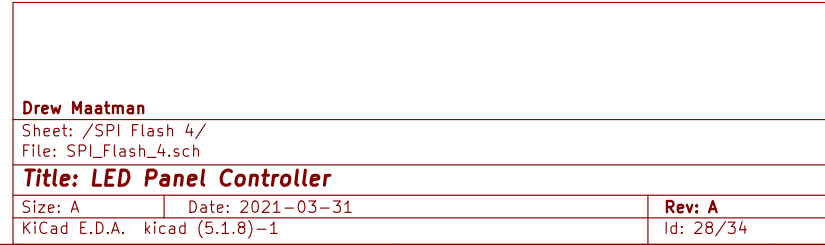
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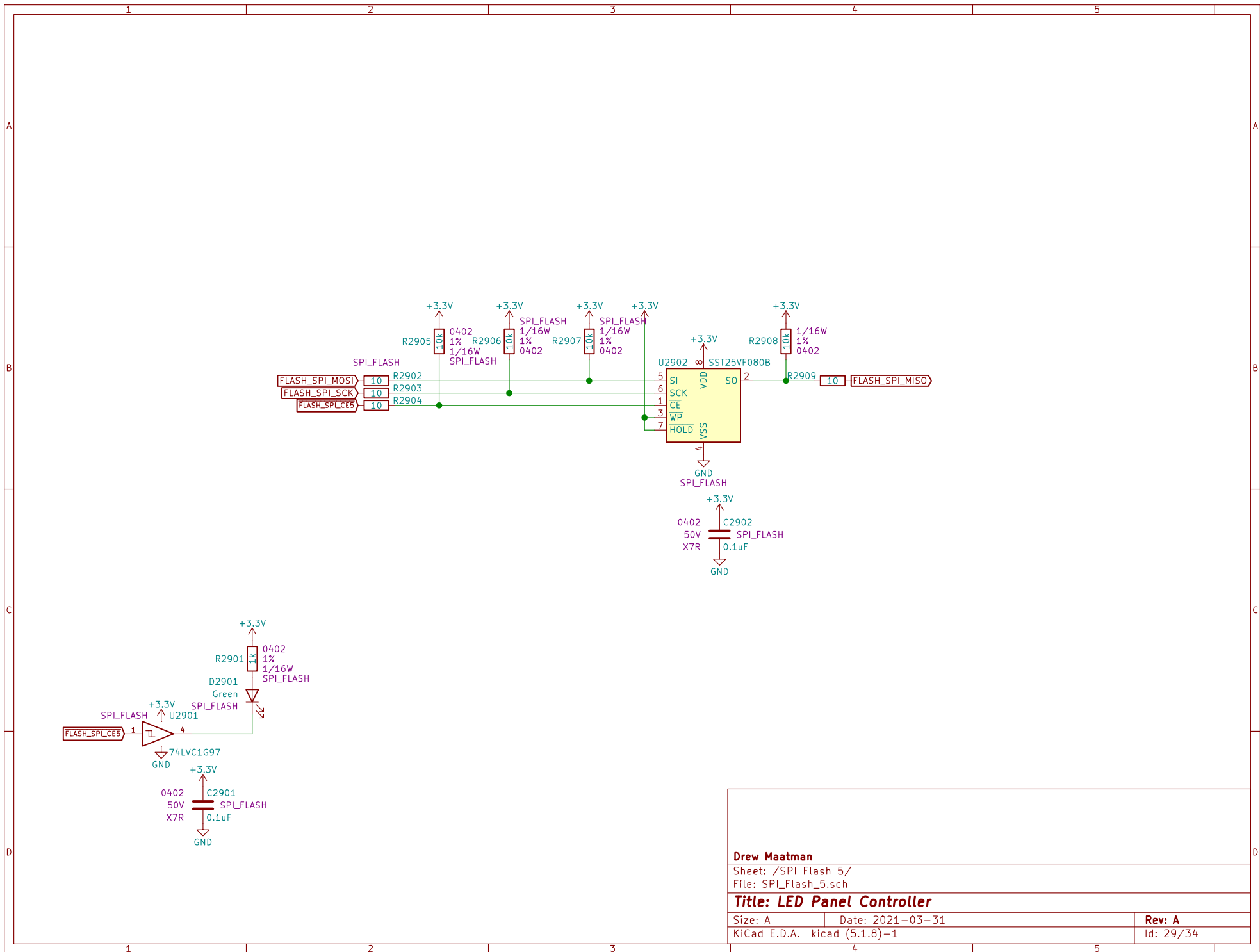
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Id: 24/34

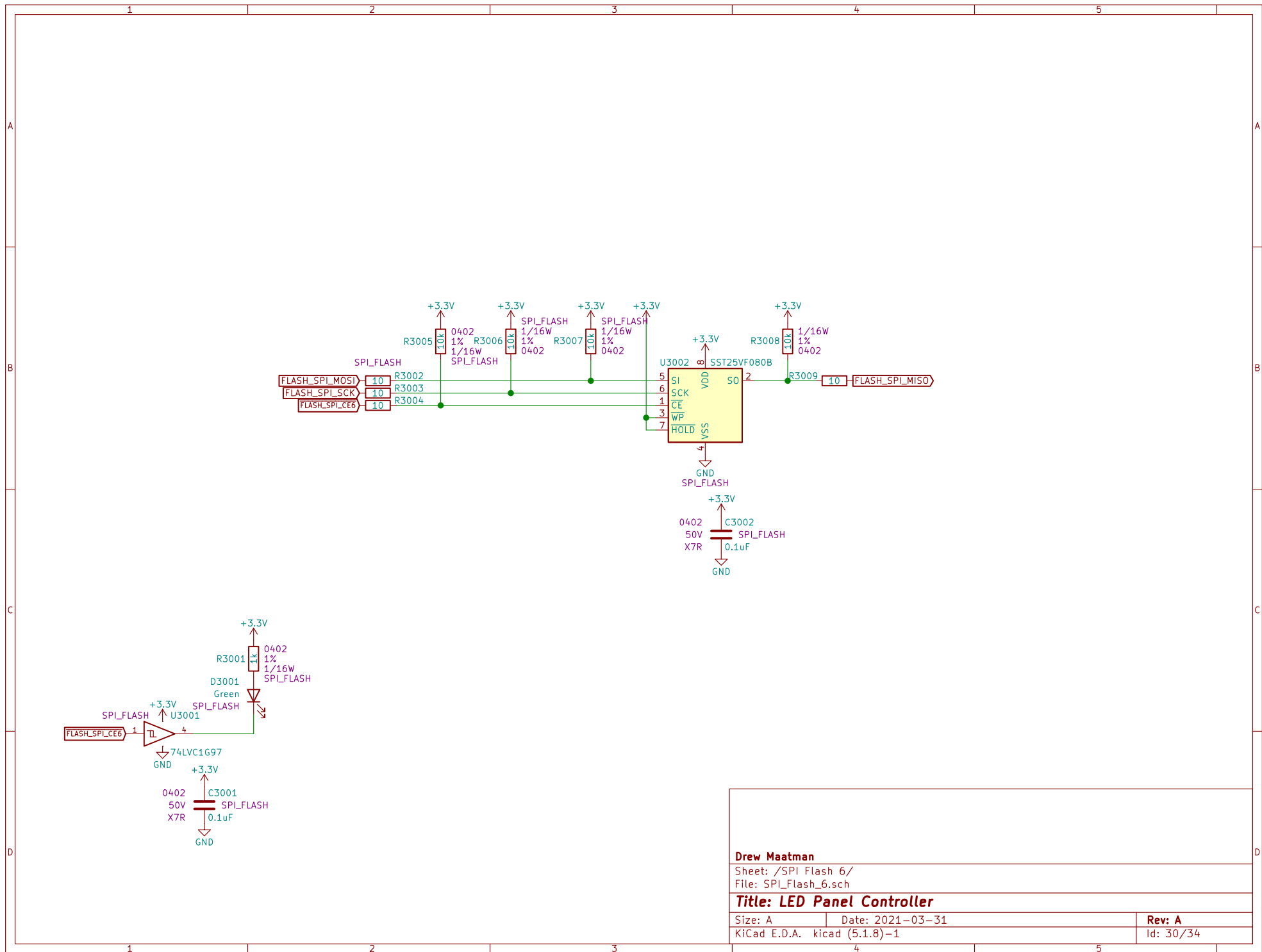












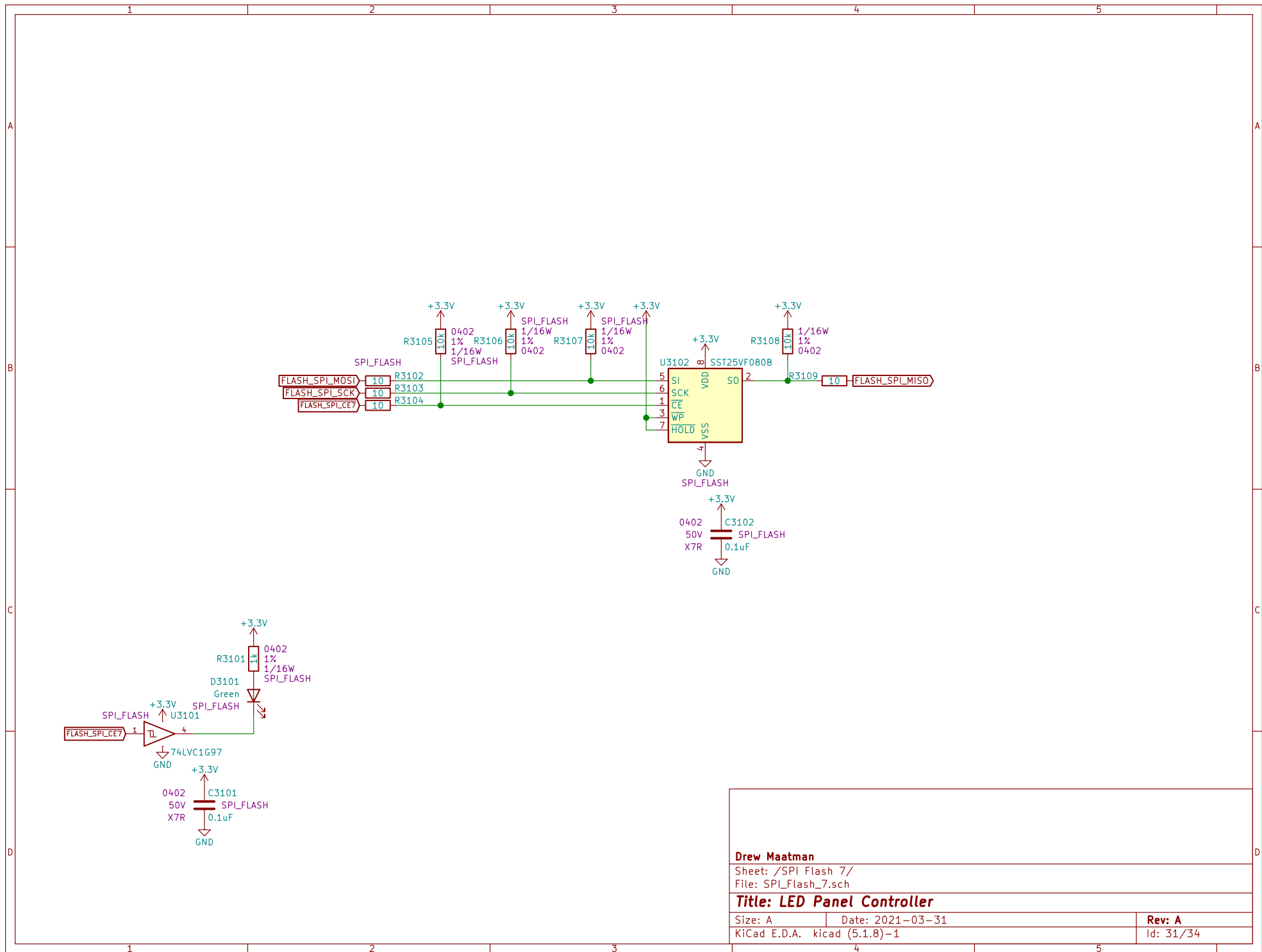
Drew Maatman

Sheet: /SPI Flash 6/
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Title: LED Panel Controller

Size: A Date: 2021-03-31
KiCad E.D.A. kicad (5.1.8)-1

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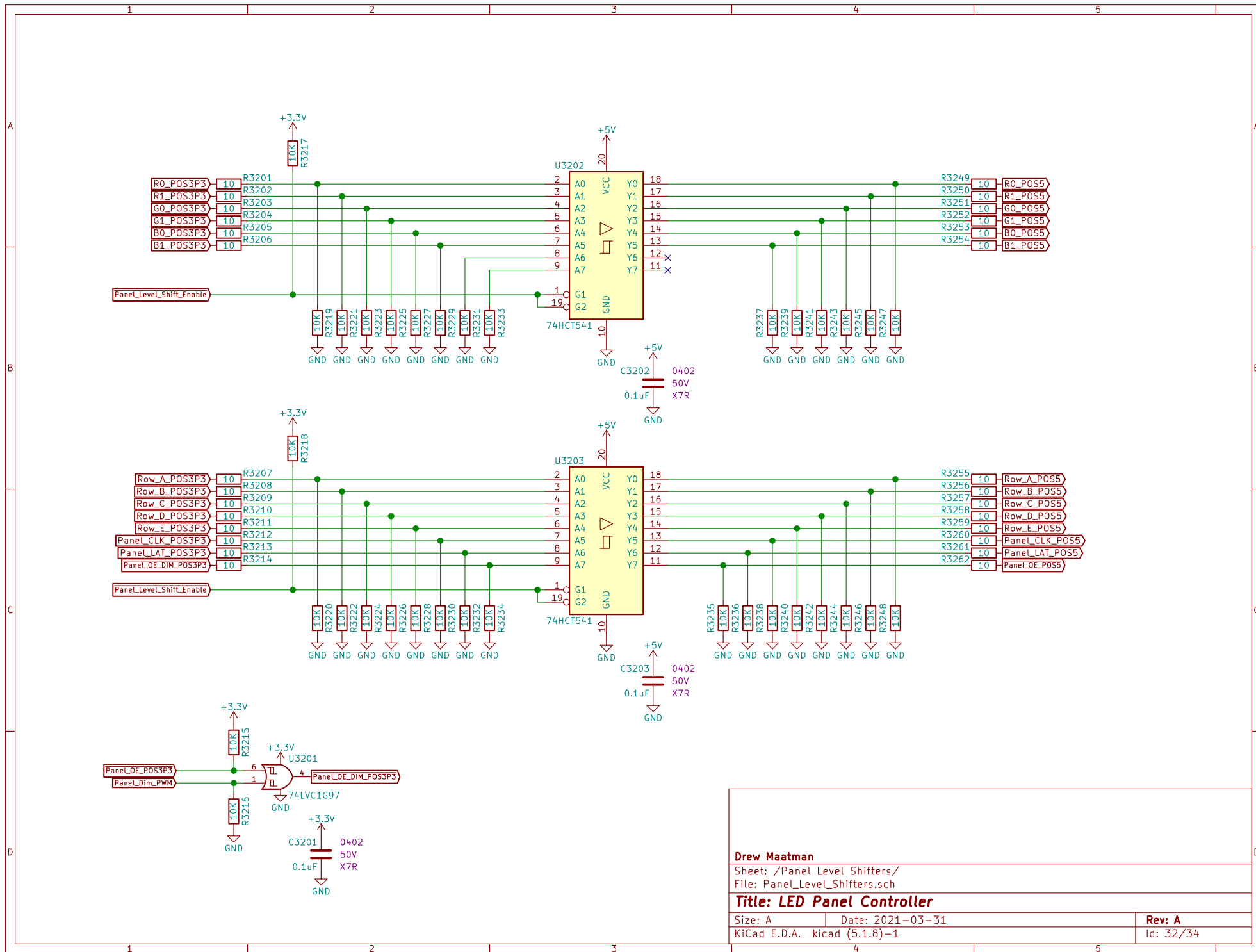
Drew Maatman

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Title: LED Panel Controller

Size: A Date: 2021-03-31
KiCad E.D.A. kicad (5.1.8)-1

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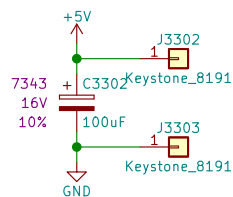
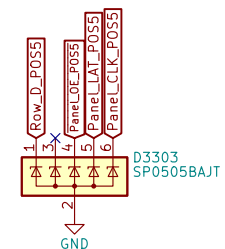
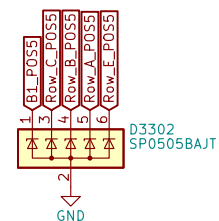
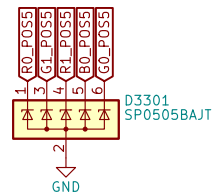
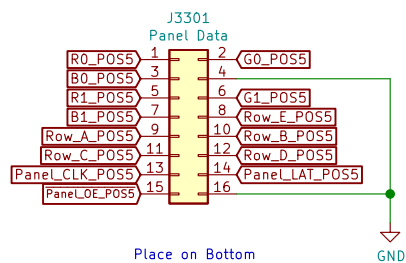
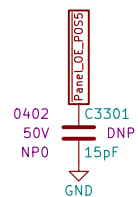
Drew Maatman

Sheet: /Panel Level Shifters/
File: PanelLevelShifters.sch

Title: LED Panel Controller

Size: A Date: 2021-03-31
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Add cut in PCB to allow for power harness to pass through to panel

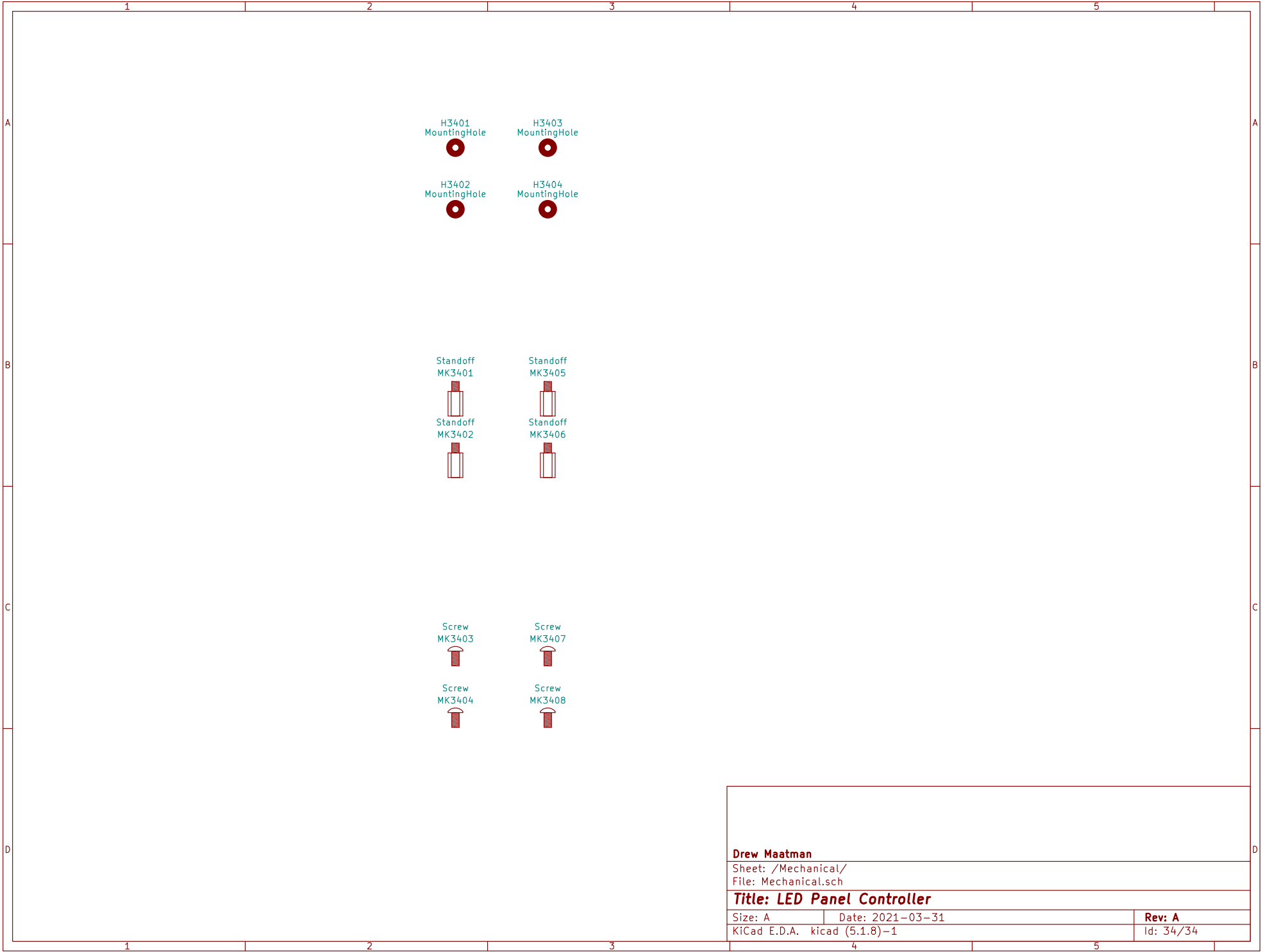
Drew Maatman

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Title: LED Panel Controller

Size: A Date: 2021-03-31
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Sheet: /Mechanical/
File: Mechanical.sch

Title: LED Panel Controller

Size: A	Date: 2021-03-31	Rev: A
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