

# LED Panel Controller

## 01. Table of Contents

## 02. +12V Input

## 03. +12V Telemetry

## 04. +3.3V Power Supply

## 05. +3.3V Telemetry

## 06. +5V Power Supply

## 07. +5V Telemetry

## 08. PIC32MZ Programming

## 09. PIC32MZ Bypass

## 10. PIC32MZ Clocking

## 11. PIC32MZ

## 12. Config Hardstraps

## 13. I2C Boost

## 14. Platform ETC

## 15. USB UART Bridge

## 16. SD Card Slot

## 17. WiFi Module

## 18. PGOOD LEDs

## 19. Status LEDs

## 20. Backup RTC

Sheet: +12V Input

File: POS12\_Input.sch

Sheet: +12V Telemetry

File: POS12\_Telemetry.sch

Sheet: +3.3V Power Supply

File: POS3P3\_Power\_Supply.sch

Sheet: +3.3V Telemetry

File: POS3P3\_Telemetry.sch

Sheet: +5V Power Supply

File: POS5\_Power\_Supply.sch

Sheet: +5V Telemetry

File: POS5\_Telemetry.sch

Sheet: PIC32MZ Programming

File: PIC32MZ\_Programming.sch

Sheet: PIC32MZ Bypass

File: PIC32MZ\_Bypass.sch

Sheet: PIC32MZ Clocking

File: PIC32MZ\_Clocking.sch

Sheet: PIC32MZ

File: PIC32MZ.sch

Sheet: Config Hardstraps

File: config\_hardstraps.sch

Sheet: I2C Boost

File: I2C\_Boost.sch

Sheet: Platform ETC

File: Platform\_ETC.sch

Sheet: USB UART Bridge

File: USB\_UART\_Bridge.sch

Sheet: SD Card Slot

File: SD\_Card\_Slot.sch

Sheet: WiFi Module

File: WiFi\_Module.sch

Sheet: PGOOD LEDs

File: PGOOD\_LEDs.sch

Sheet: Status LEDs

File: Status\_LEDs.sch

Sheet: Backup RTC

File: Backup\_RTC.sch

## 21. Pushbuttons

## 22. Mode LEDs

## 23. SPI Flash 0

## 24. SPI Flash 1

## 25. SPI Flash 2

## 26. SPI Flash 3

## 27. SPI Flash 4

## 28. SPI Flash 5

## 29. SPI Flash 6

## 30. SPI Flash 7

## 31. Panel Level Shifters

## 32. Panel Connectors

## 33. Mechanical

## 34. USB Telemetry

Sheet: Pushbuttons

File: Pushbuttons.sch

Sheet: Mode LEDs

File: Mode\_LEDs.sch

Sheet: SPI Flash 0

File: SPI\_Flash\_0.sch

Sheet: SPI Flash 1

File: SPI\_Flash\_1.sch

Sheet: SPI Flash 2

File: SPI\_Flash\_2.sch

Sheet: SPI Flash 3

File: SPI\_Flash\_3.sch

Sheet: SPI Flash 4

File: SPI\_Flash\_4.sch

Sheet: SPI Flash 5

File: SPI\_Flash\_5.sch

Sheet: SPI Flash 6

File: SPI\_Flash\_6.sch

Sheet: SPI Flash 7

File: SPI\_Flash\_7.sch

Sheet: Panel Level Shifters

File: Panel\_LevelShifters.sch

Sheet: Panel Connectors

File: Panel\_Connectors.sch

Sheet: Mechanical

File: Mechanical.sch

Sheet: USB Telemetry

File: USB\_Telemetry.sch

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Sheet: /

File: LED\_Panel\_Controller.sch

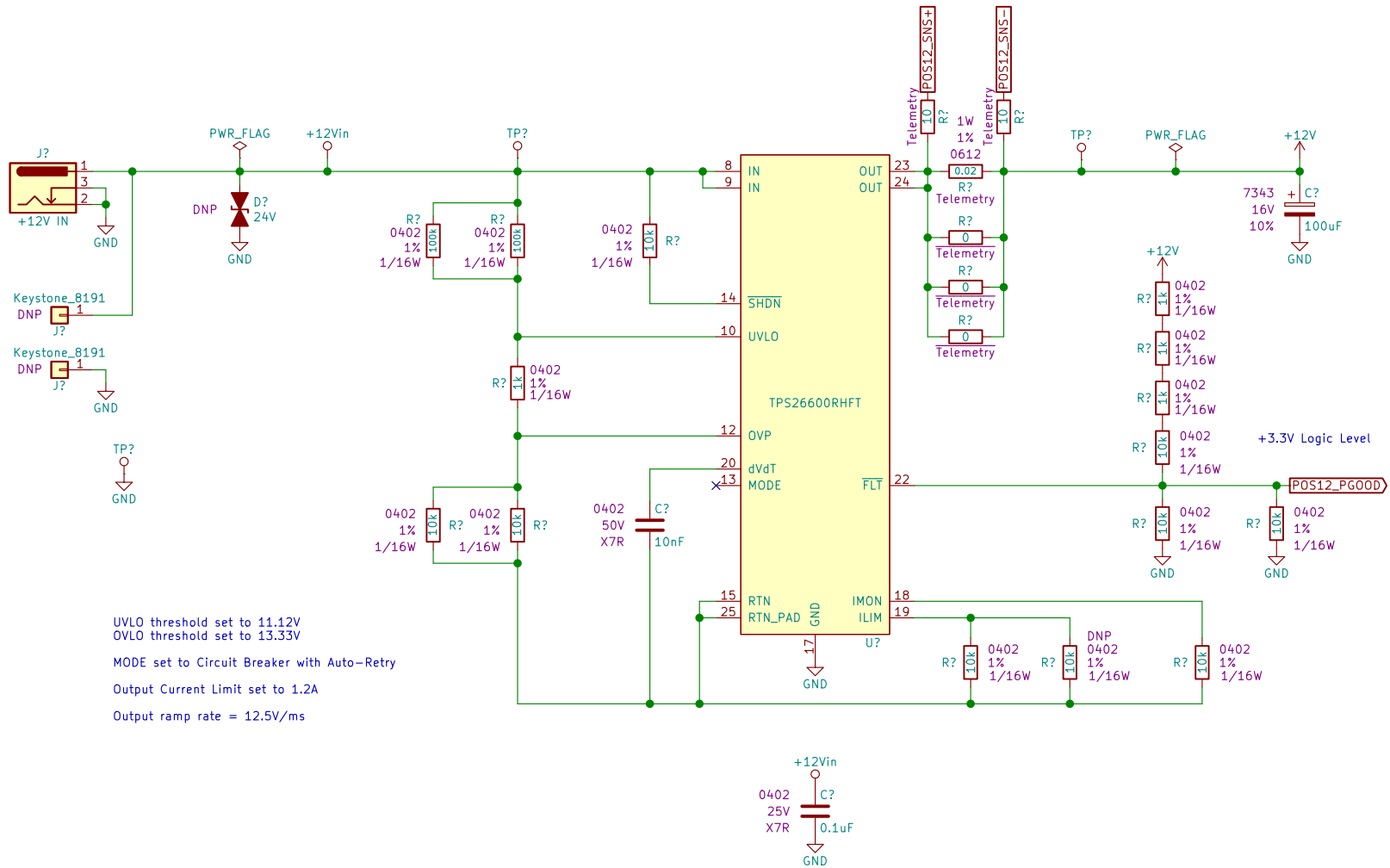
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Size: A Date: 2020-12-23

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Rev: A

Id: 1/34



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Sheet: /+12V Input/

File: POS12\_Input.sch

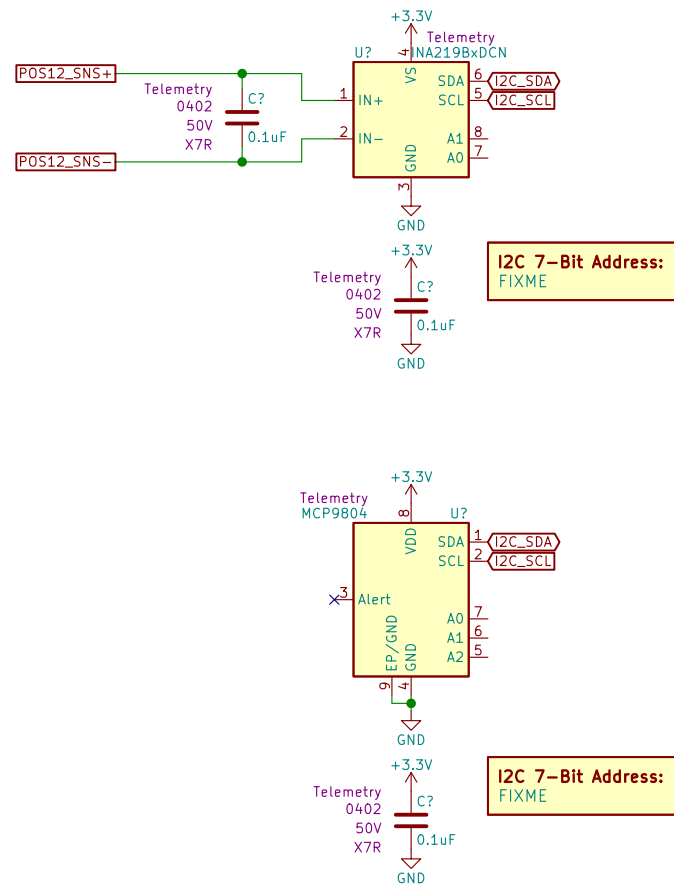
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Rev: B

Id: 2/34



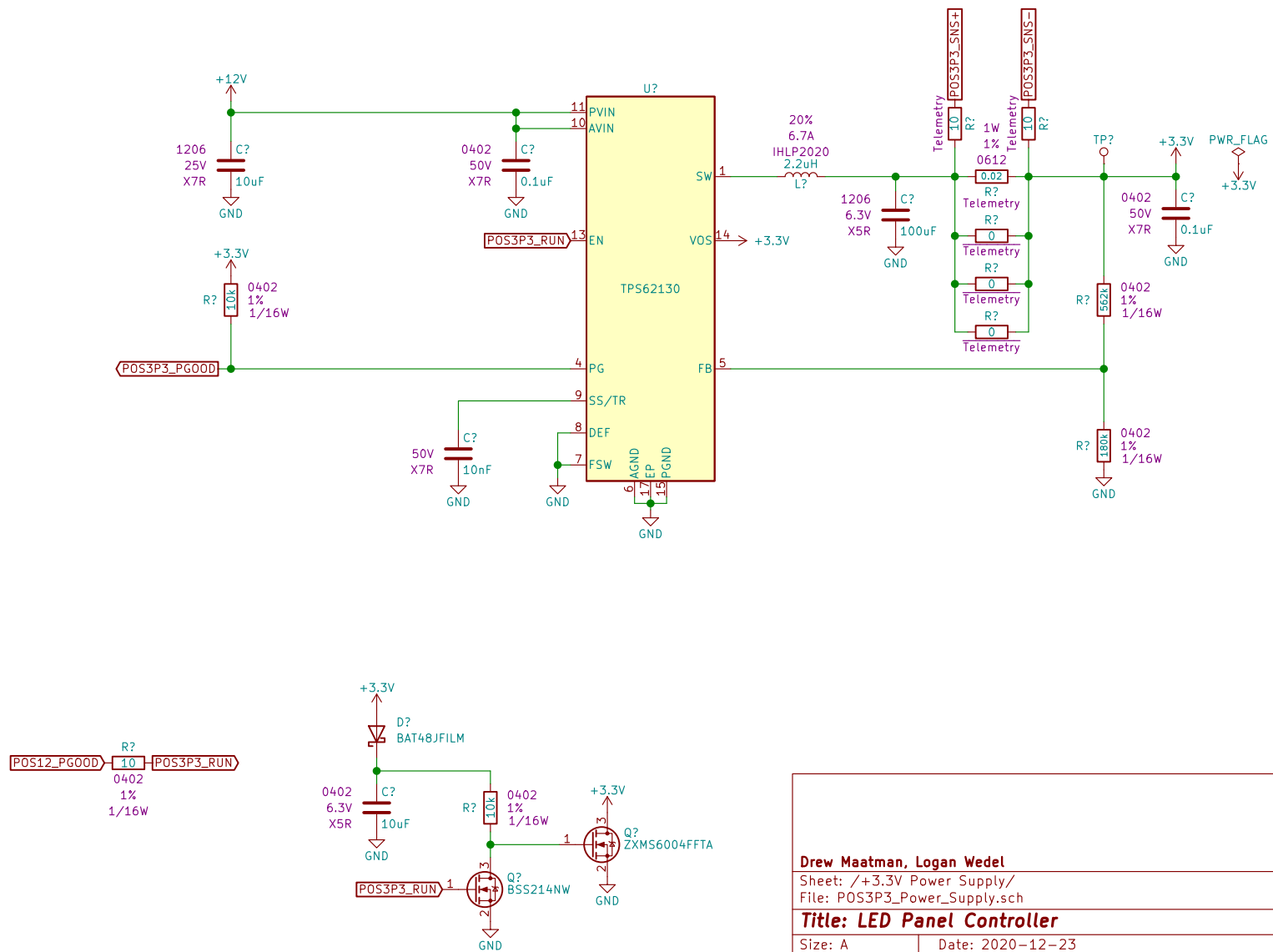
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Rev: A  
Id: 3/34



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Sheet: /+3.3V Power Supply/  
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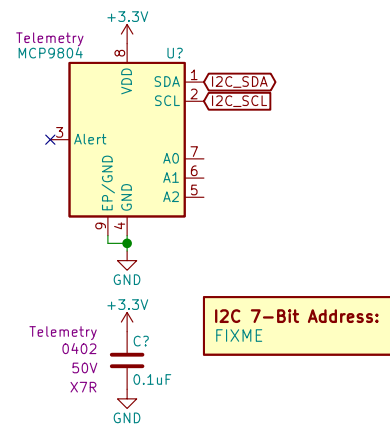
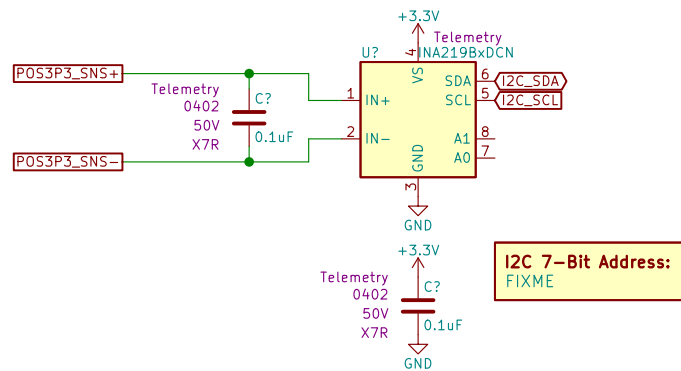
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Rev: A

Id: 4/34



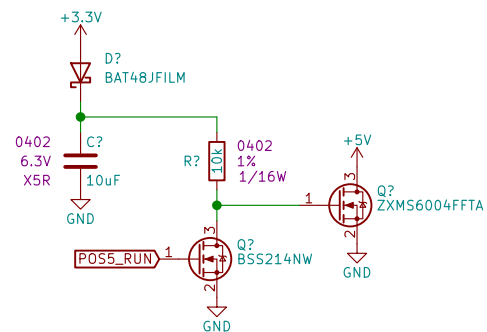
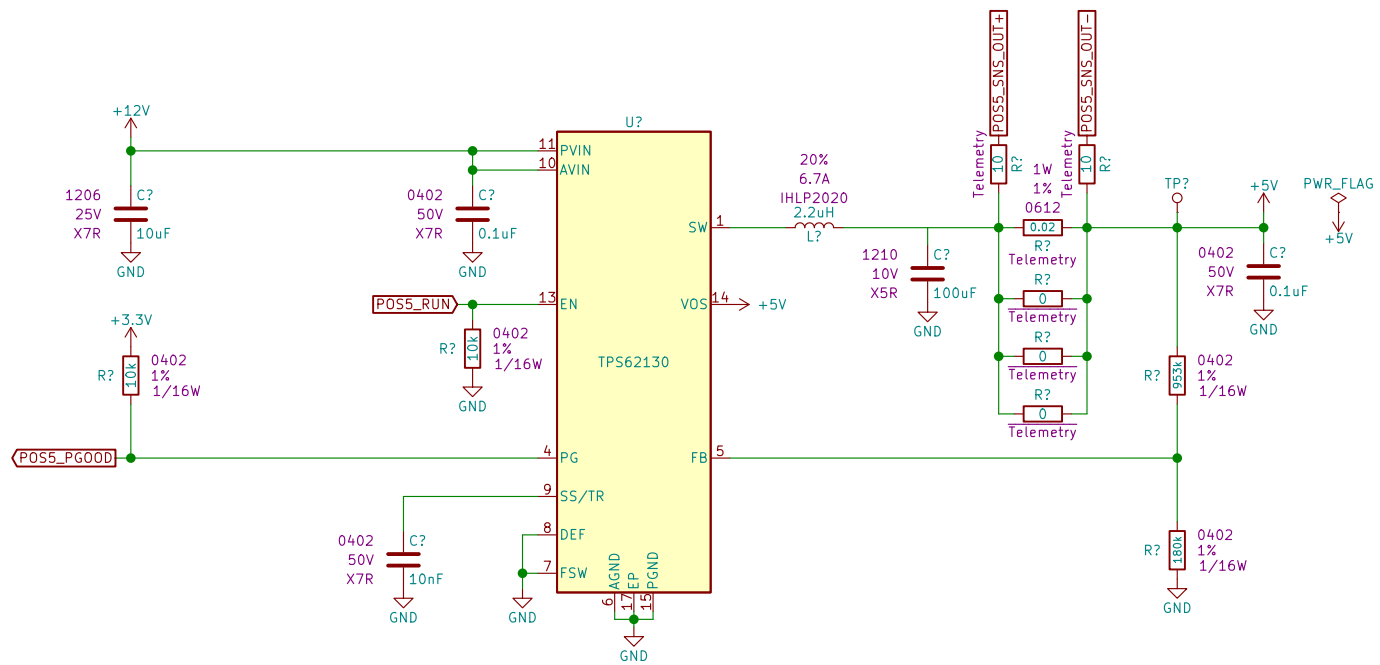
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Sheet: /+3.3V Telemetry/  
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Size: A Date: 2020-12-23  
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Rev: A  
Id: 5/34



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Sheet: /+5V Power Supply/  
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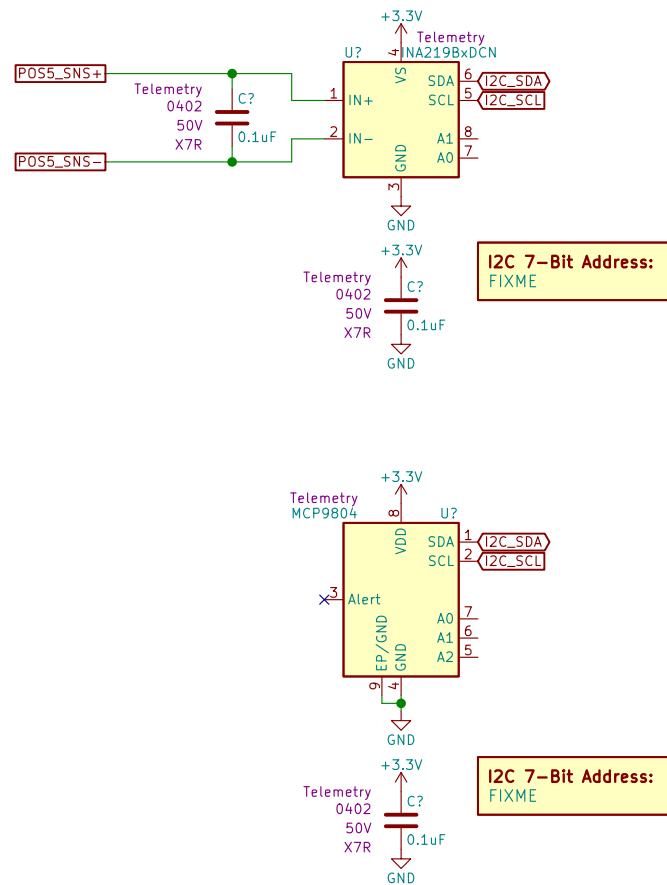
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Rev: A

Id: 6/34



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Sheet: /+5V Telemetry/

File: POS5\_Telemetry.sch

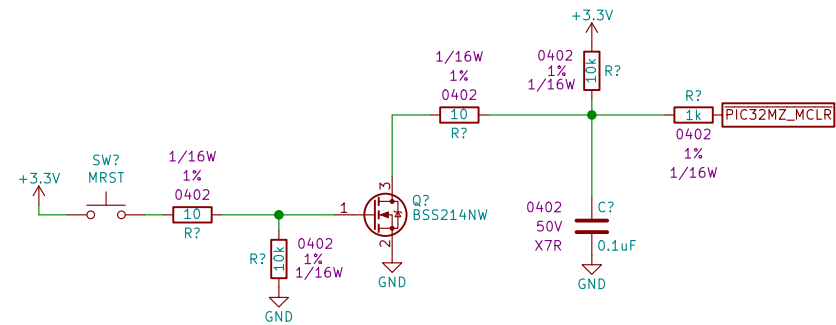
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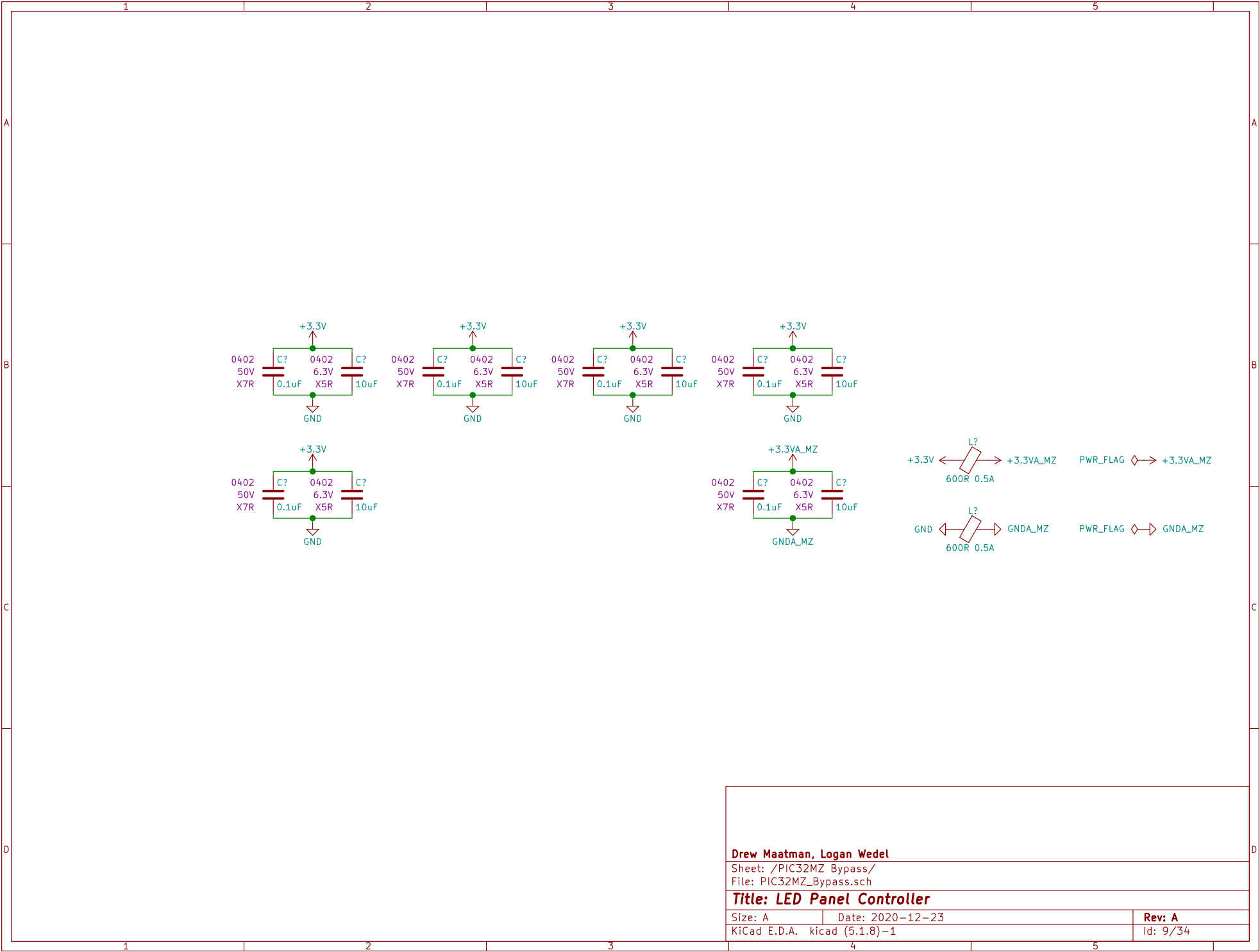
Rev: A

Id: 7/34



Rev: A  
Id: 8/34





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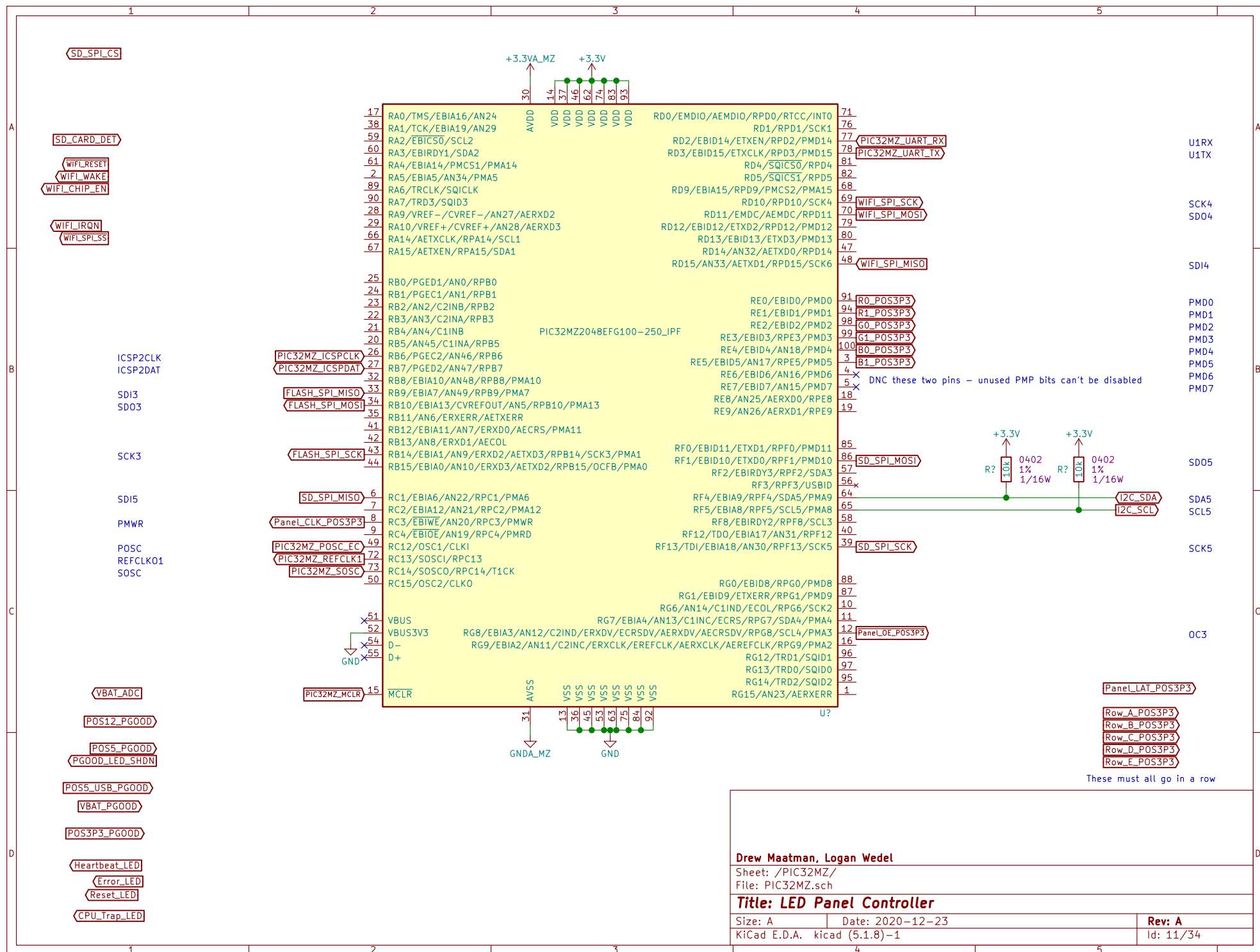
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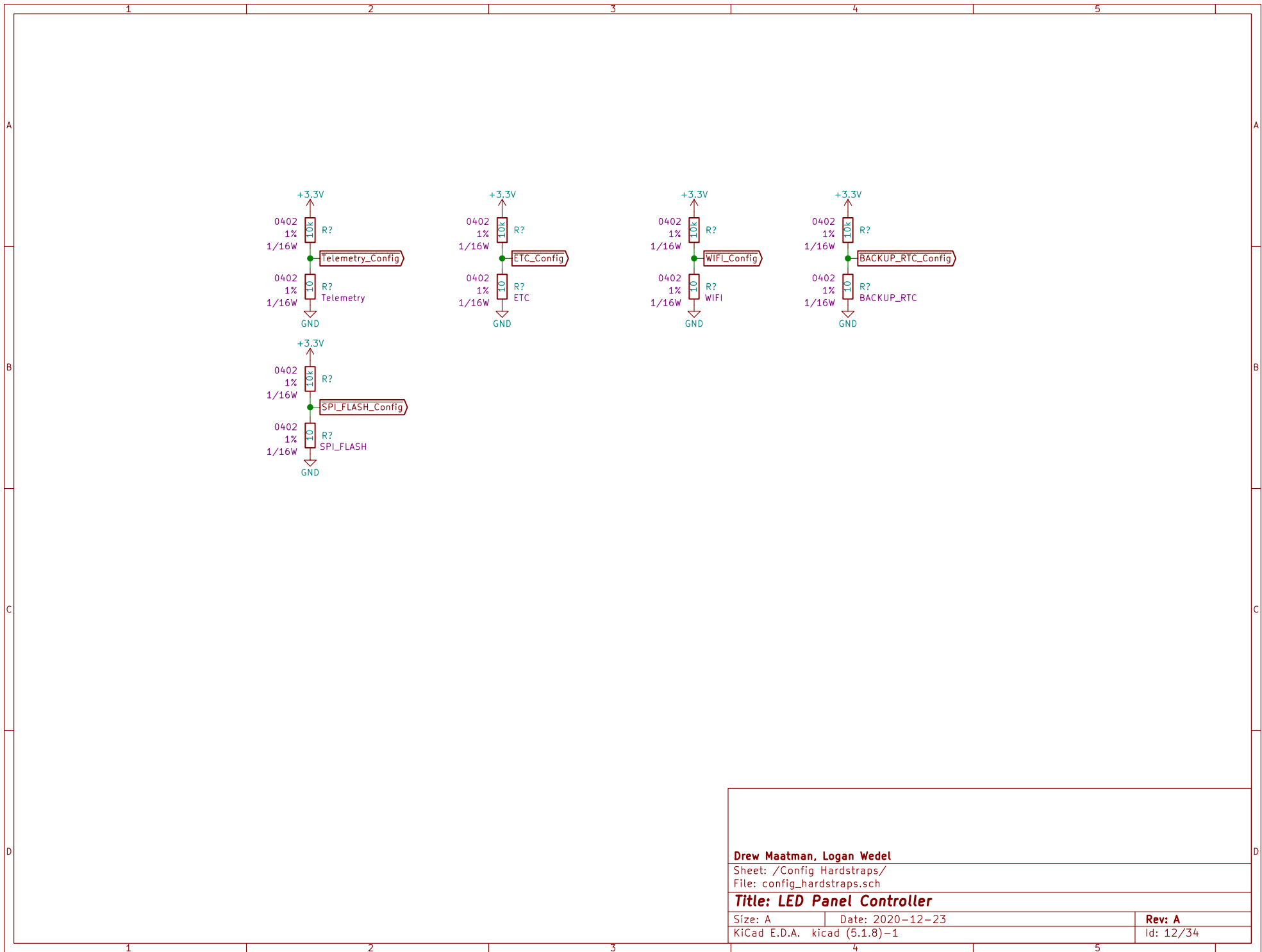
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Rev: A  
Id: 9/34







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Sheet: /Config Hardstraps/  
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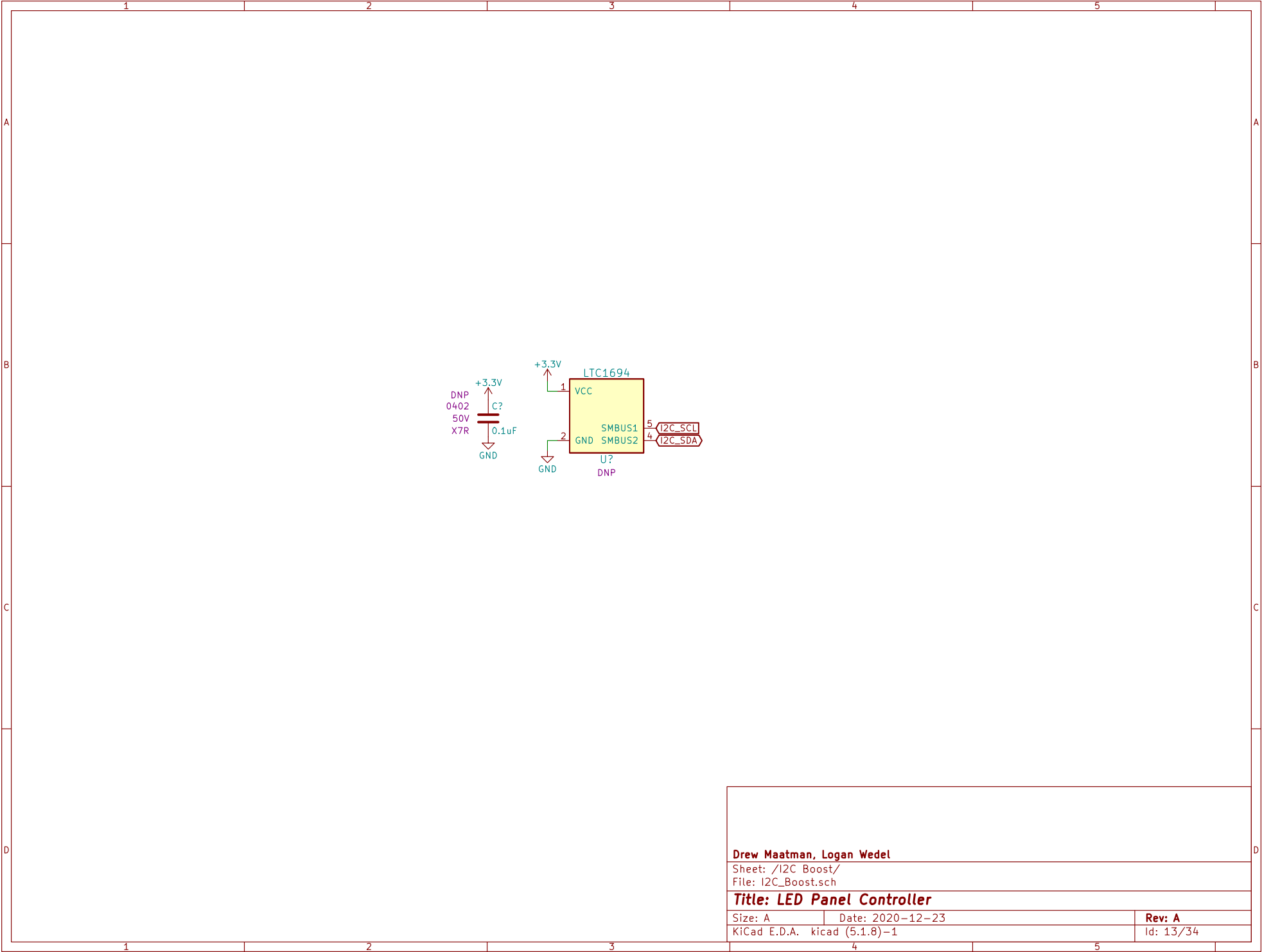
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Rev: A

Id: 12/34



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Sheet: /I2C Boost/

File: I2C\_Boost.sch

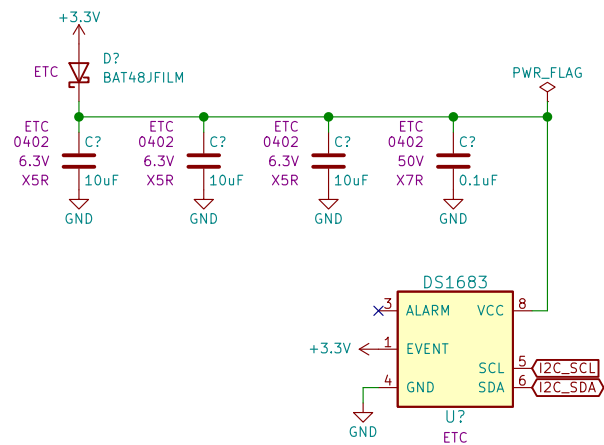
**Title: LED Panel Controller**

Size: A Date: 2020-12-23

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Rev: A

Id: 13/34



**I2C 7-Bit Address:**  
0x6B

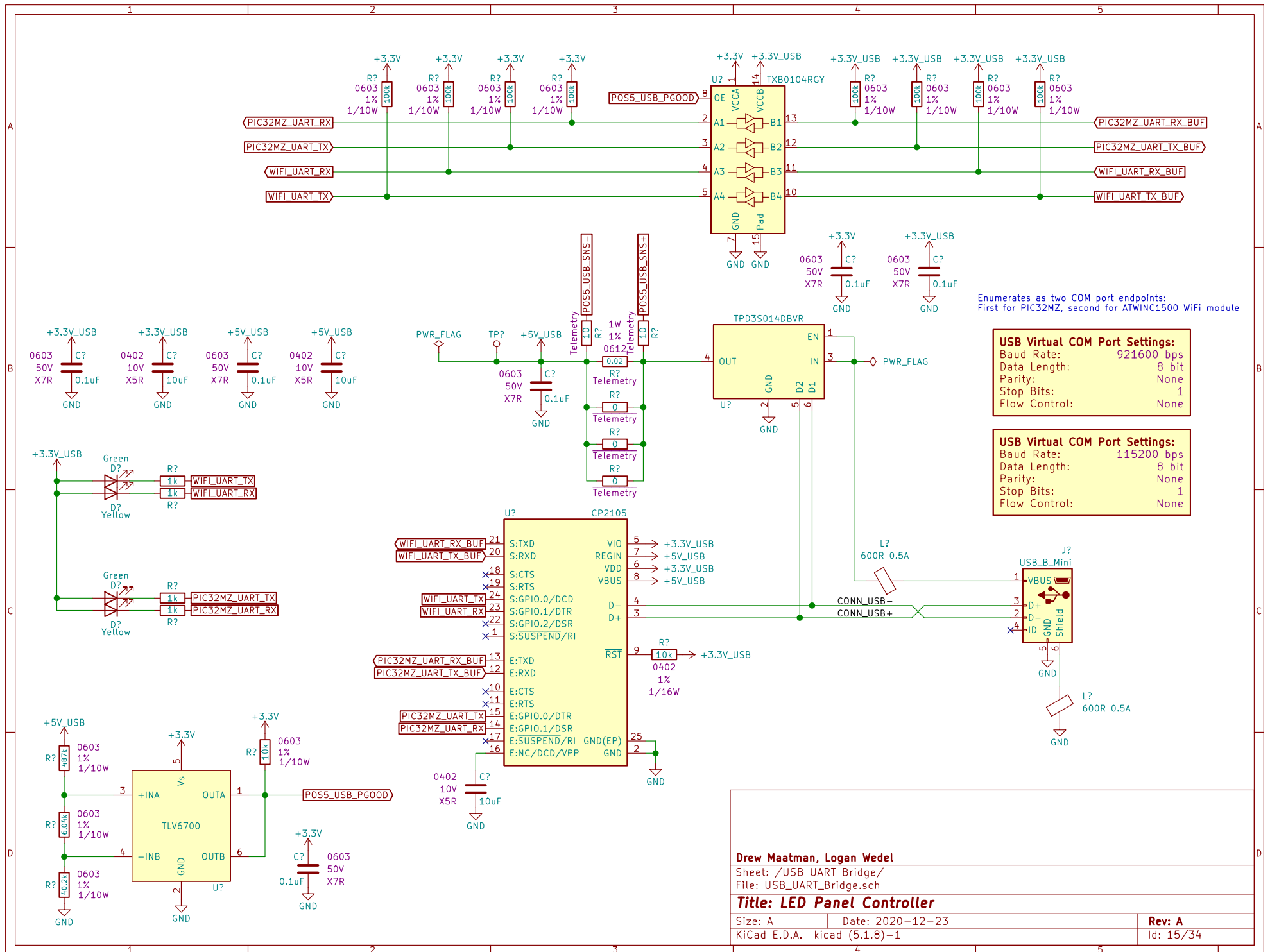
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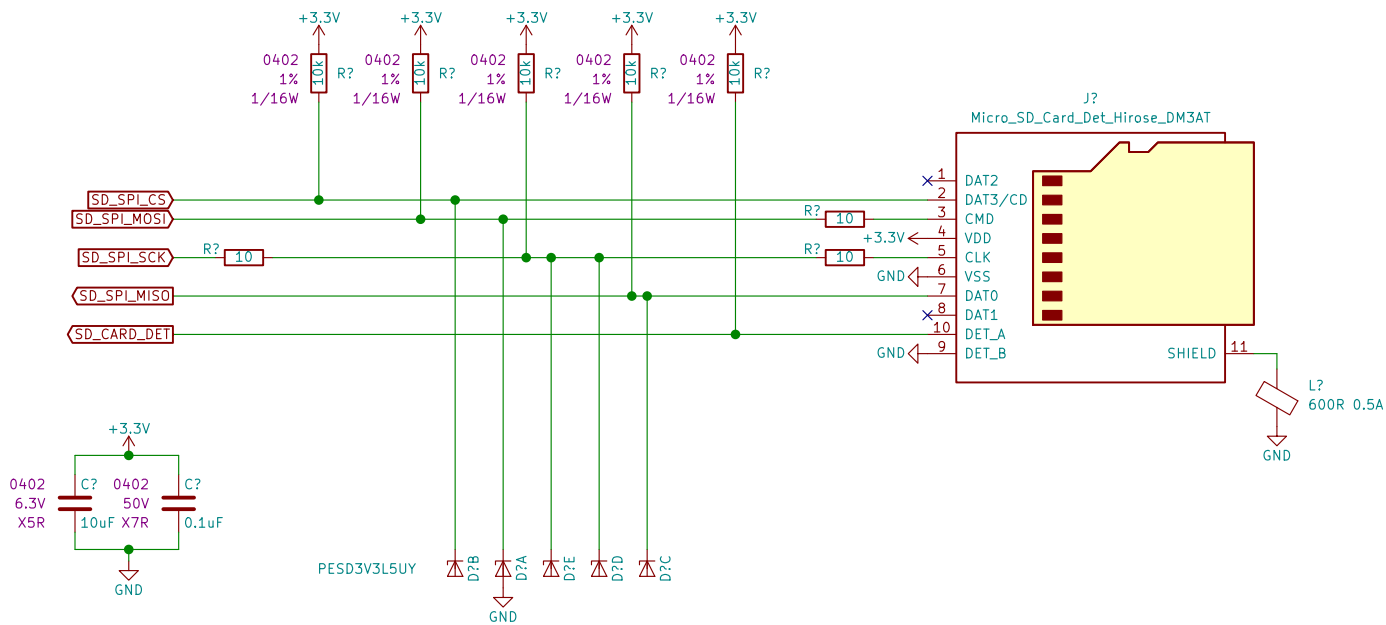
Sheet: /Platform ETC/  
File: Platform\_ETC.sch

**Title: LED Panel Controller**

Size: A Date: 2020-12-23  
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**Rev: A**  
Id: 14/34





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Sheet: /SD Card Slot/

File: SD\_Card\_Slot.sch

### Title: LED Panel Controller

Size: A Date: 2020-12-23

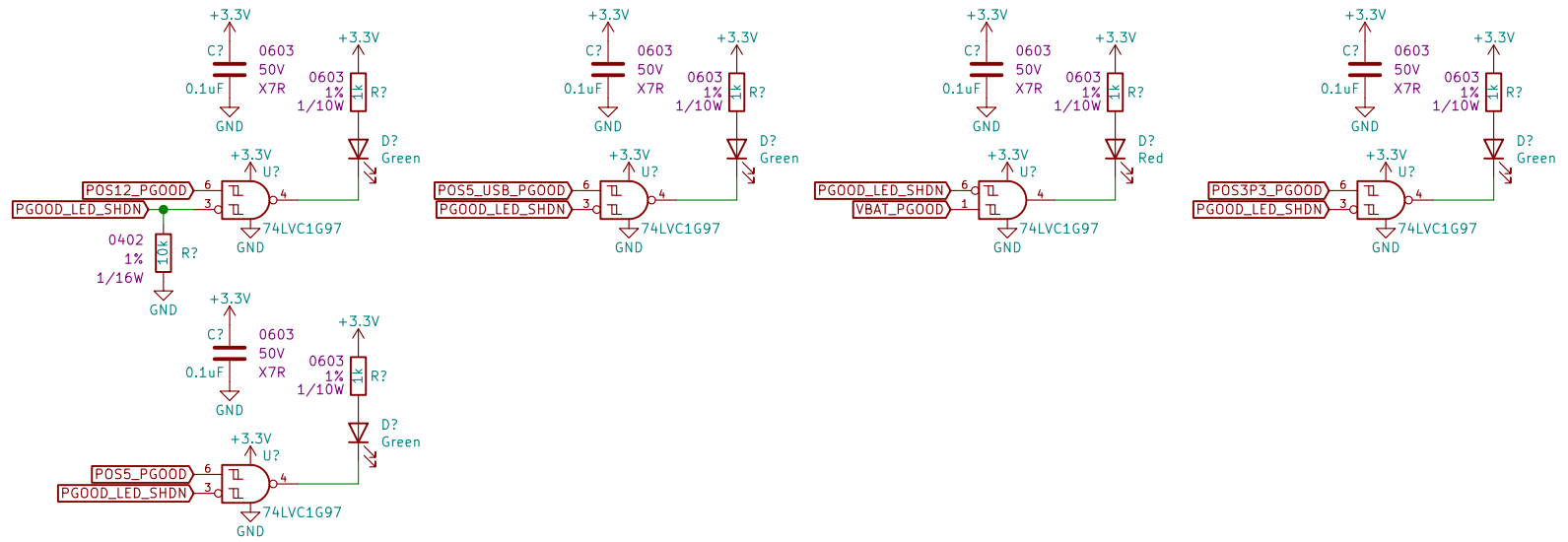
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Rev: A

Id: 16/34







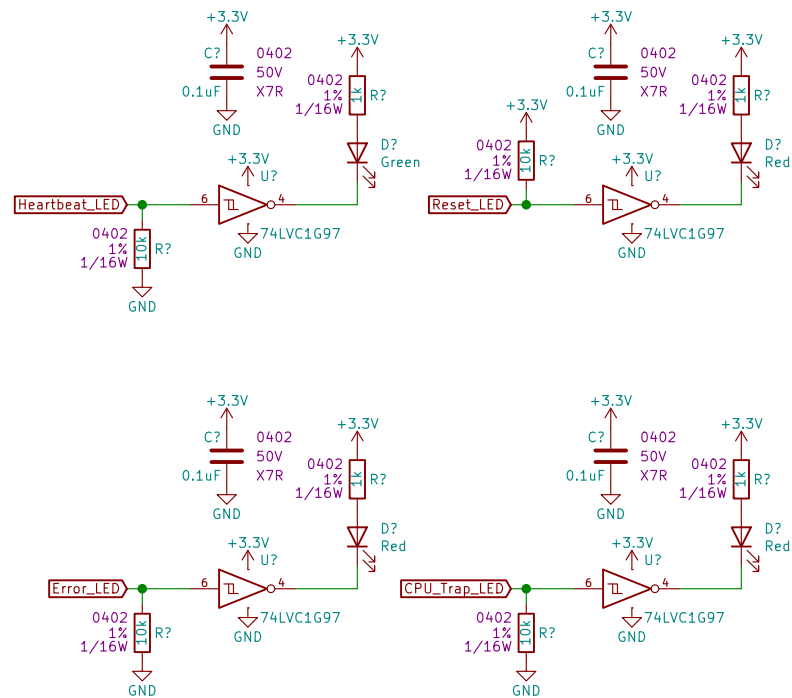
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Sheet: /PGOOD LEDs/  
File: PGOOD\_LEDS.sch

### Title: LED Panel Controller

Size: A Date: 2020-12-23  
KiCad E.D.A. kicad (5.1.8)-1

Rev: A  
Id: 18/34



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Sheet: /Status\_LEDs/  
File: Status\_LEDs.sch

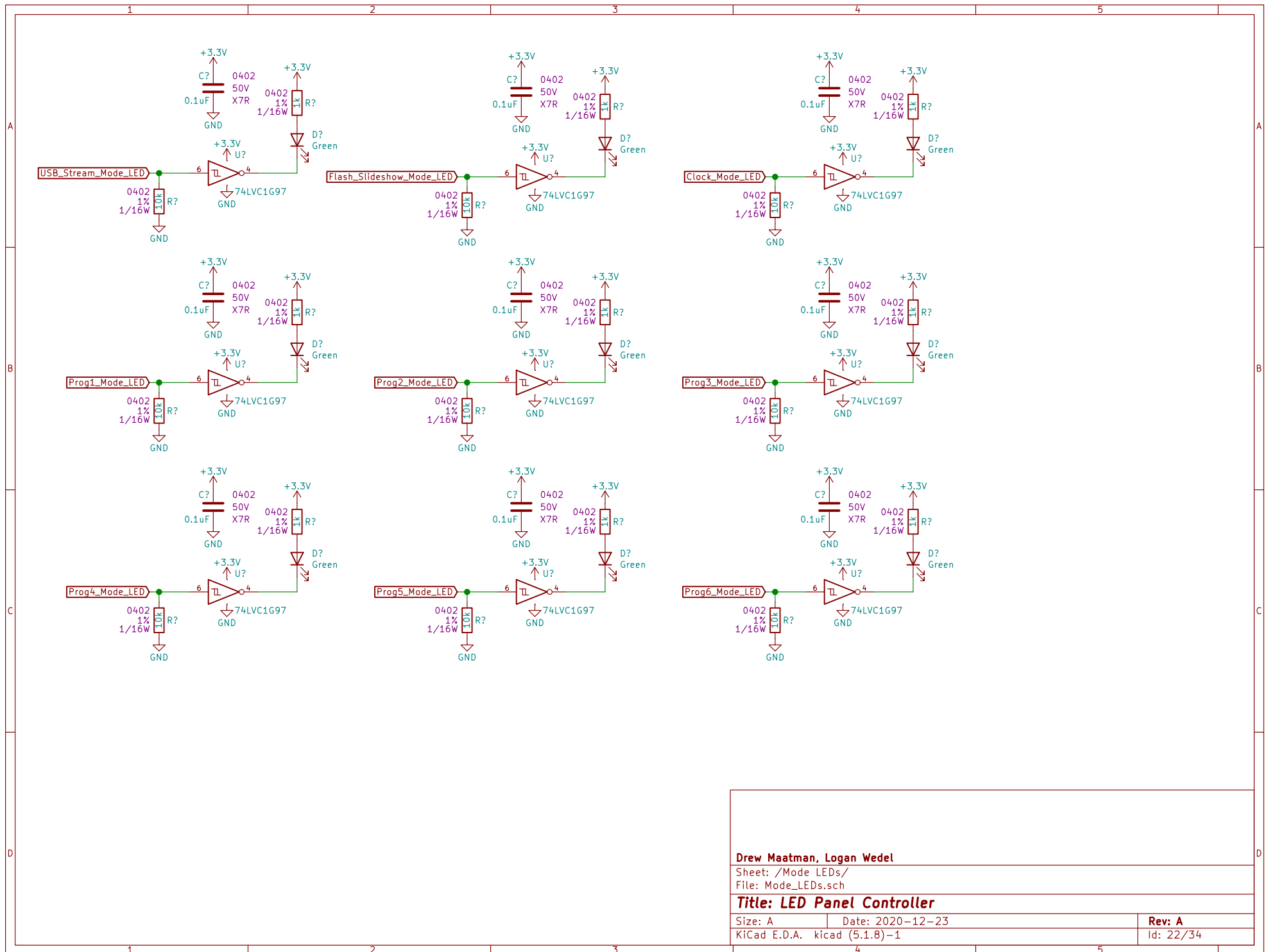
### Title: LED Panel Controller

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KiCad E.D.A. kicad (5.1.8)-1

Rev: A  
Id: 19/34



Id: 21/34



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Sheet: /Mode LEDs/

File: Mode\_LEDs.sch

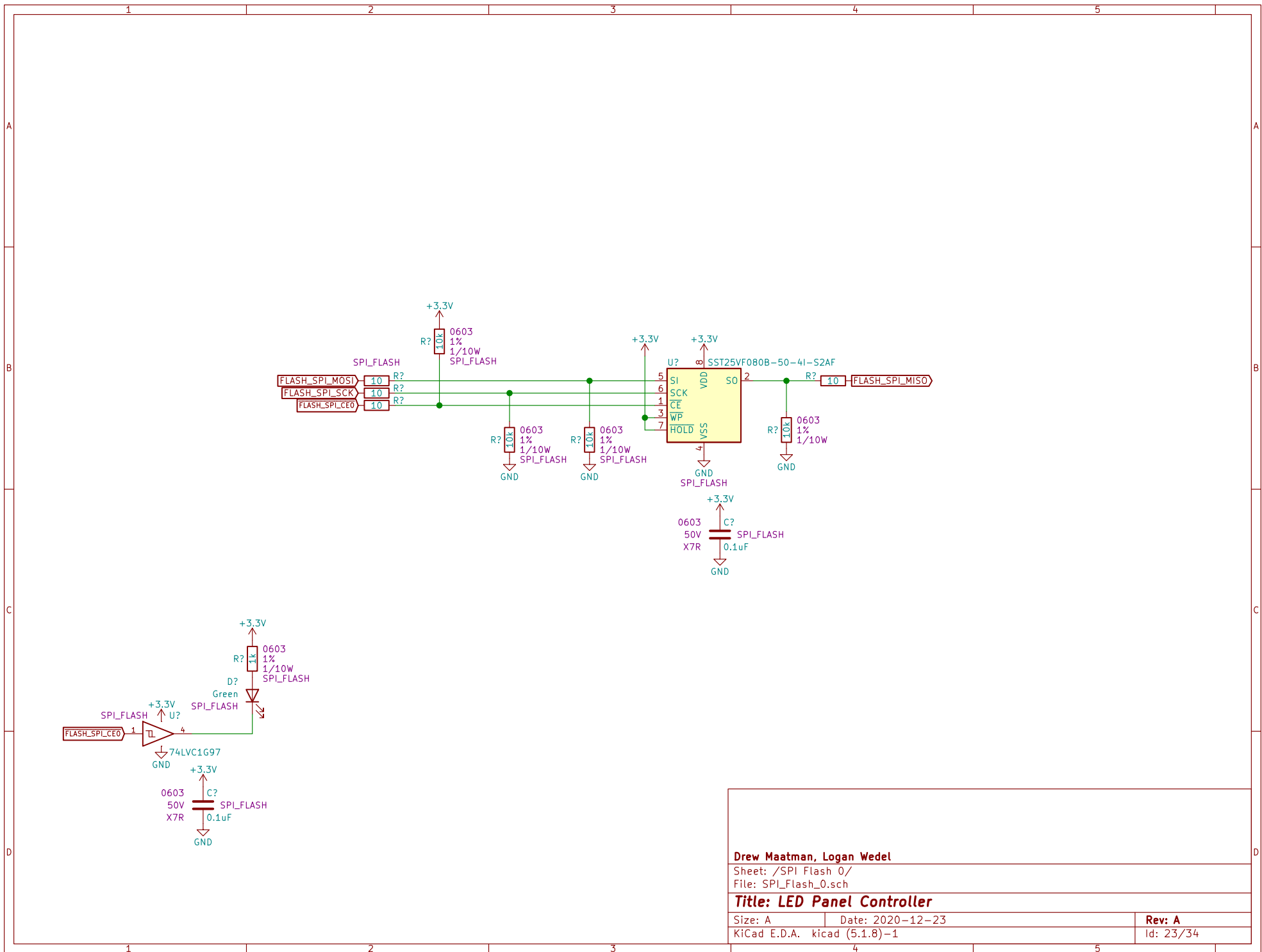
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Size: A Date: 2020-12-23

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Rev: A

Id: 22/34



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Sheet: /SPI Flash 0/

File: SPI\_Flash\_0.sch

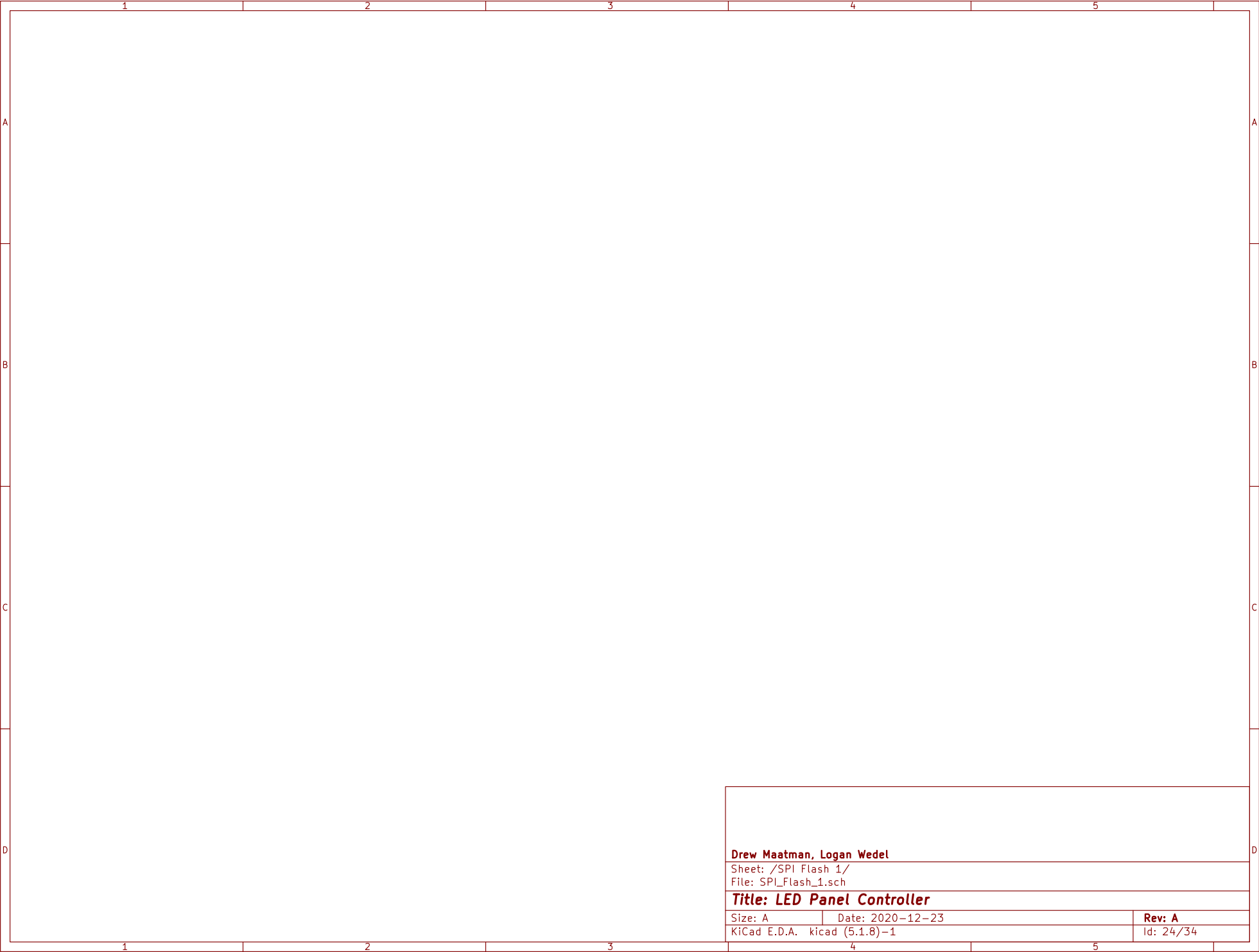
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Size: A Date: 2020-12-23

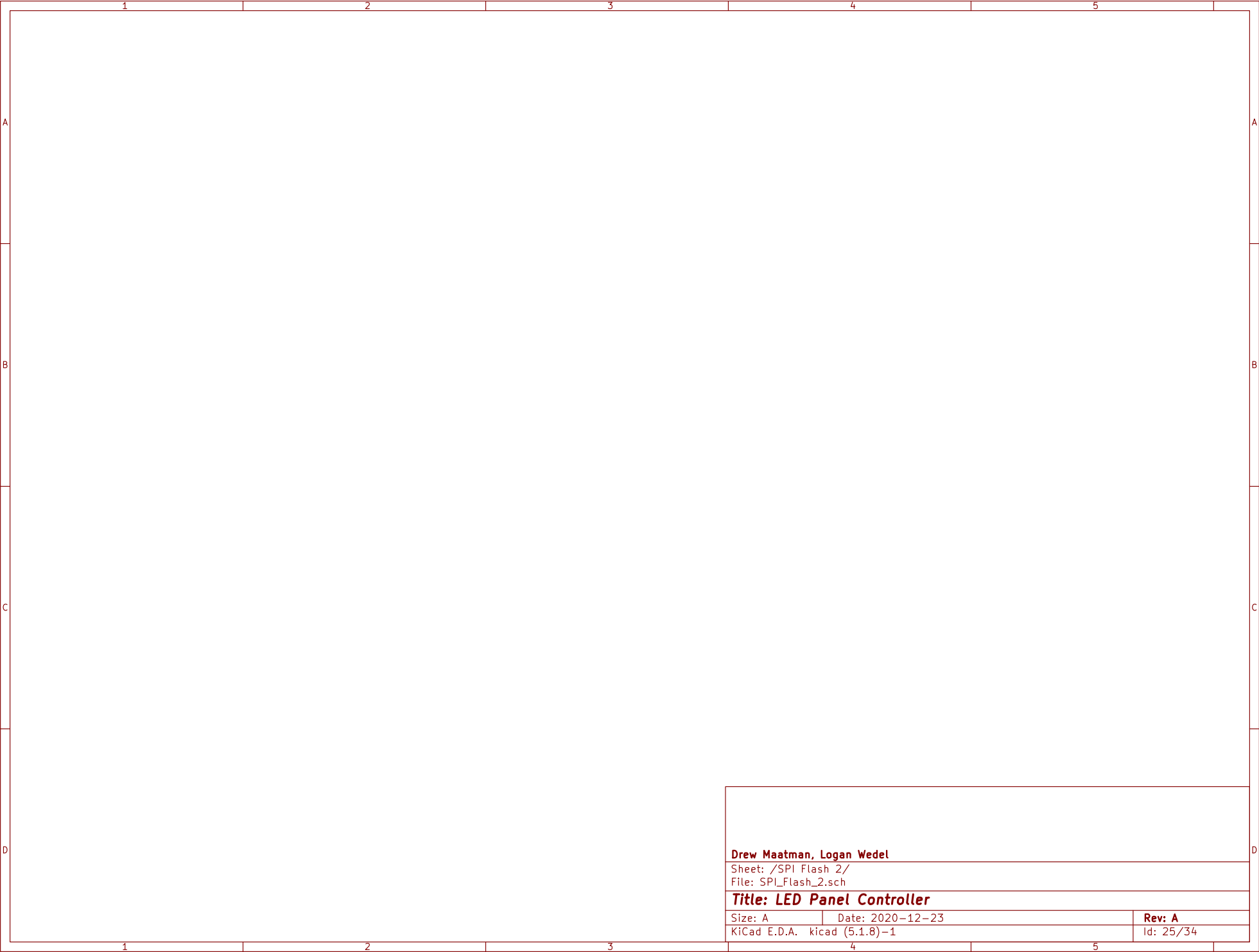
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Rev: A

Id: 23/34







Drew Maatman, Logan Wedel		
Sheet: /SPI Flash 2/ File: SPI_Flash_2.sch		
Title: <b>LED Panel Controller</b>		
Size: A	Date: 2020-12-23	Rev: A
KiCad E.D.A. kicad (5.1.8)-1		Id: 25/34

1					2					3					4					5					
A																									A
B																									B
C																									C
D																									D
1					2					3					4					5					

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Sheet: /SPI Flash 3/  
File: SPI\_Flash\_3.sch

Title: LED Panel Controller

Size: ADate: 2020-12-23

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Rev: AId: 26/34

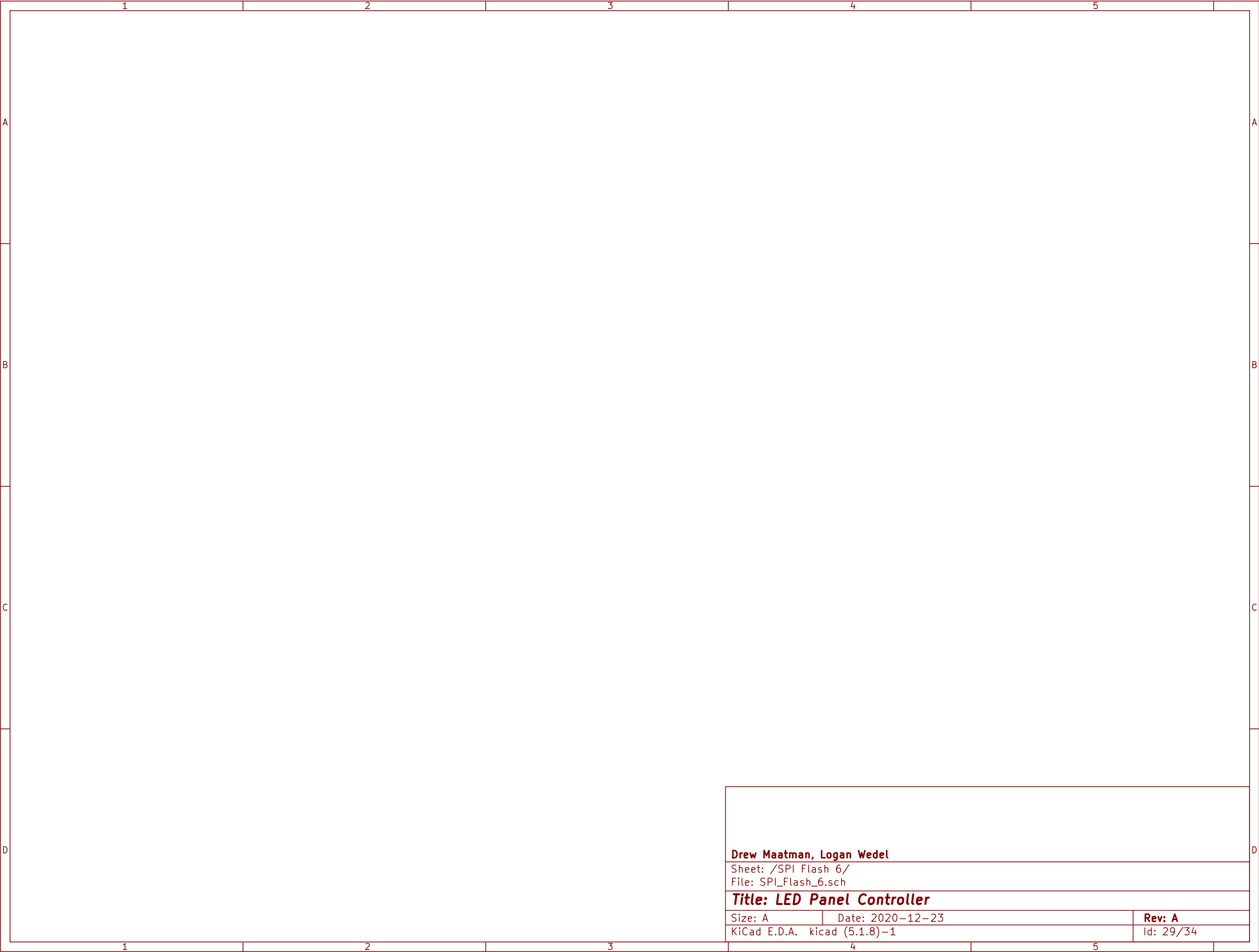
Drew Maatman, Logan Wedel		
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A																									A
B																									B
C																									C
D																									D
1					2					3					4					5					

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Sheet: /SPI Flash 4/ File: SPI_Flash_4.sch		
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KiCad E.D.A. kicad (5.1.8)-1		Id: 27/34

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B					B
C					C
D					D
1	2	3	4	5	

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Sheet: /SPI Flash 5/ File: SPI_Flash_5.sch		
Title: LED Panel Controller		
Size: A	Date: 2020-12-23	Rev: A
KiCad E.D.A. kicad (5.1.8)-1		Id: 28/34



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Sheet: /SPI Flash 6/ File: SPI_Flash_6.sch		
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Size: A	Date: 2020-12-23	Rev: A
KiCad E.D.A. kicad (5.1.8)-1		Id: 29/34

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A																									A
B																									B
C																									C
D																									D
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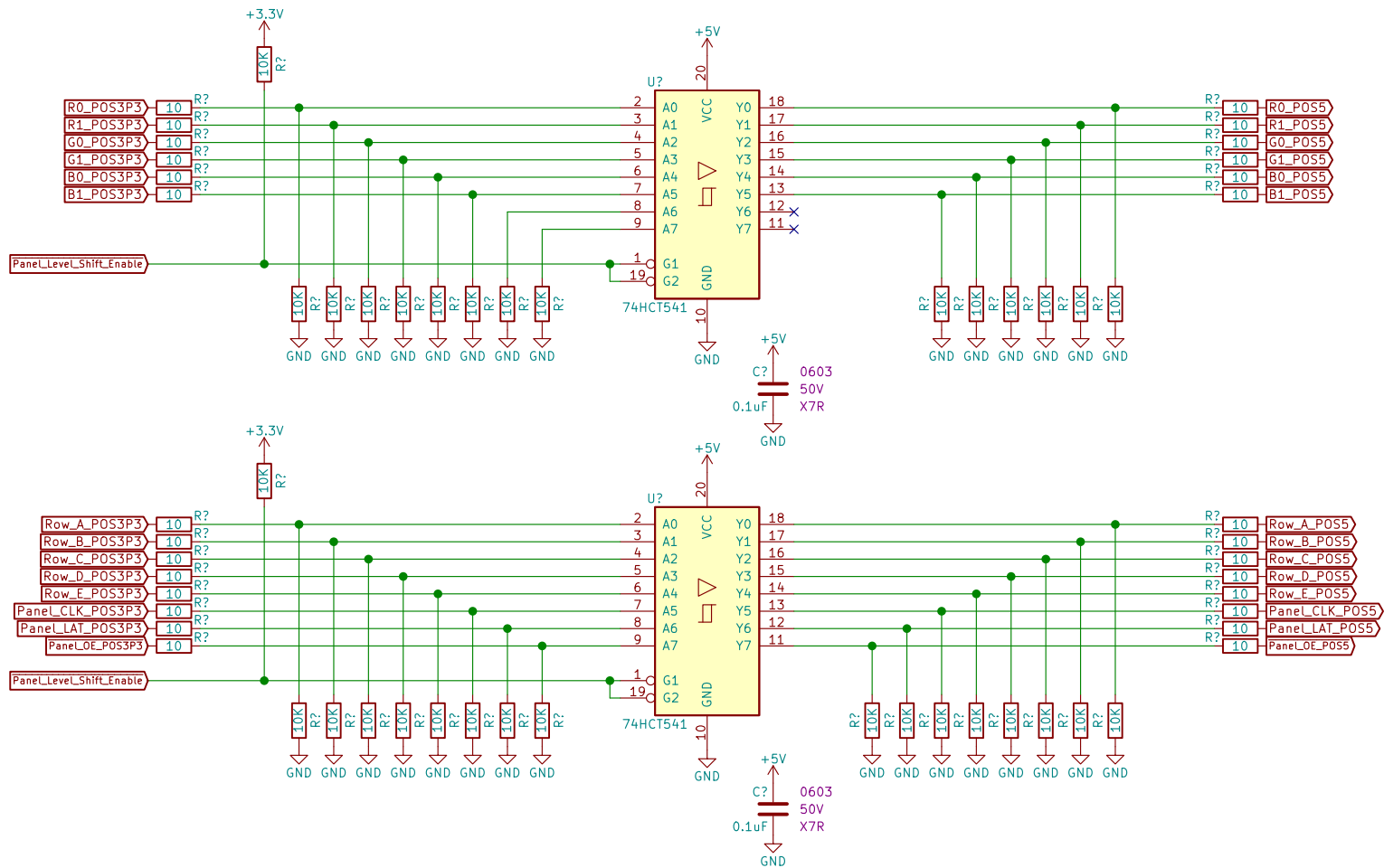
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KiCad E.D.A.  kicad (5.1.8)-1

Rev: AId: 30/34

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Sheet: /SPI Flash 7/ File: SPI_Flash_7.sch		
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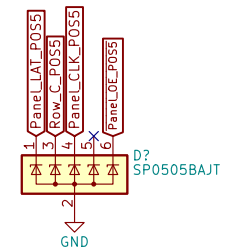
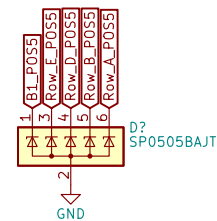
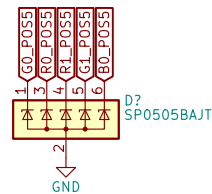
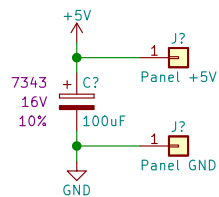
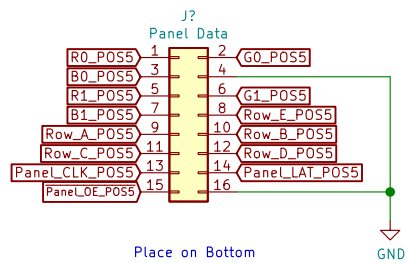
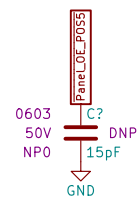
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Sheet: /Panel Level Shifters/  
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**Title: LED Panel Controller**

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KiCad E.D.A. kicad (5.1.8)-1

Rev: A  
Id: 31/34



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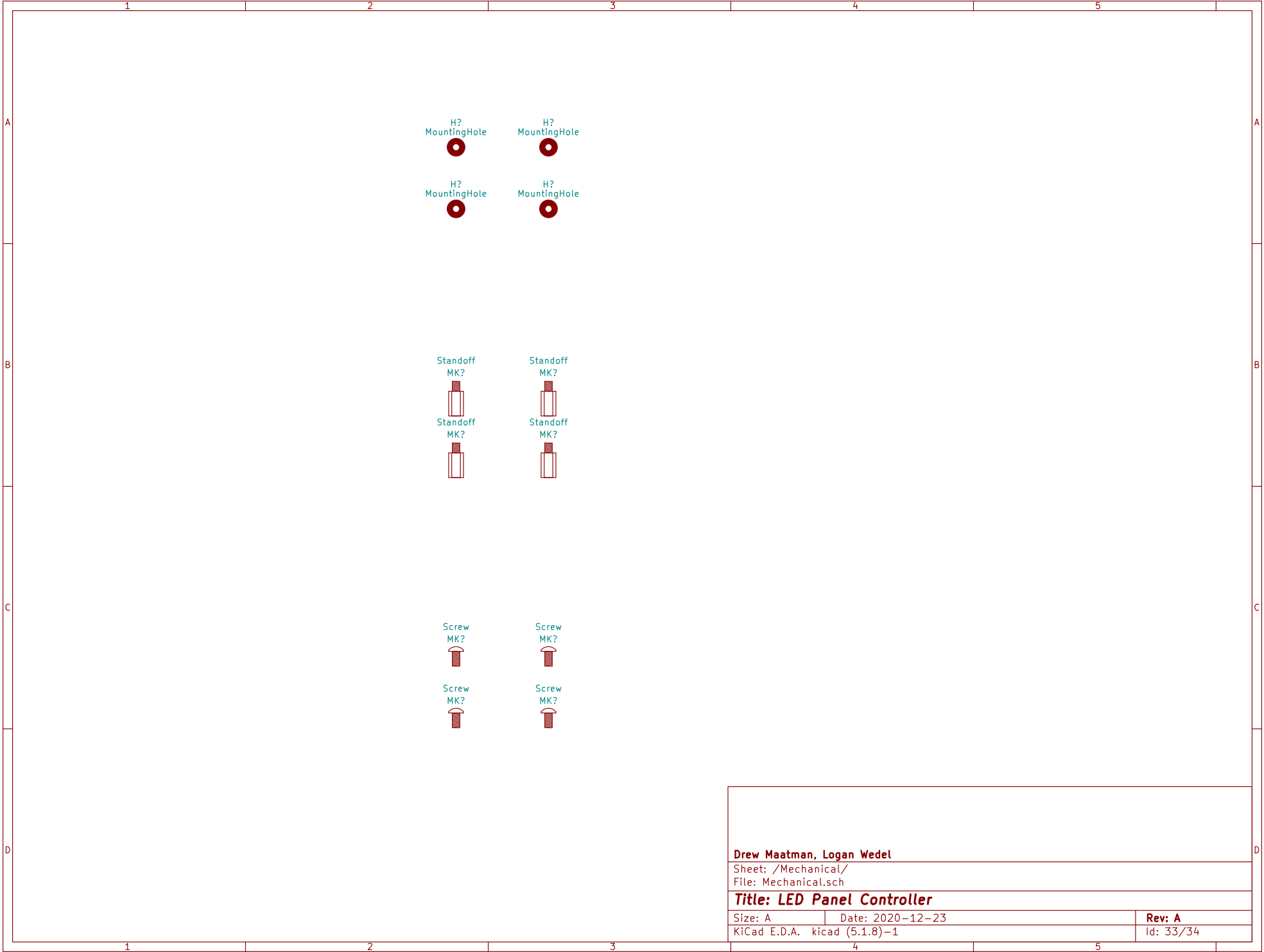
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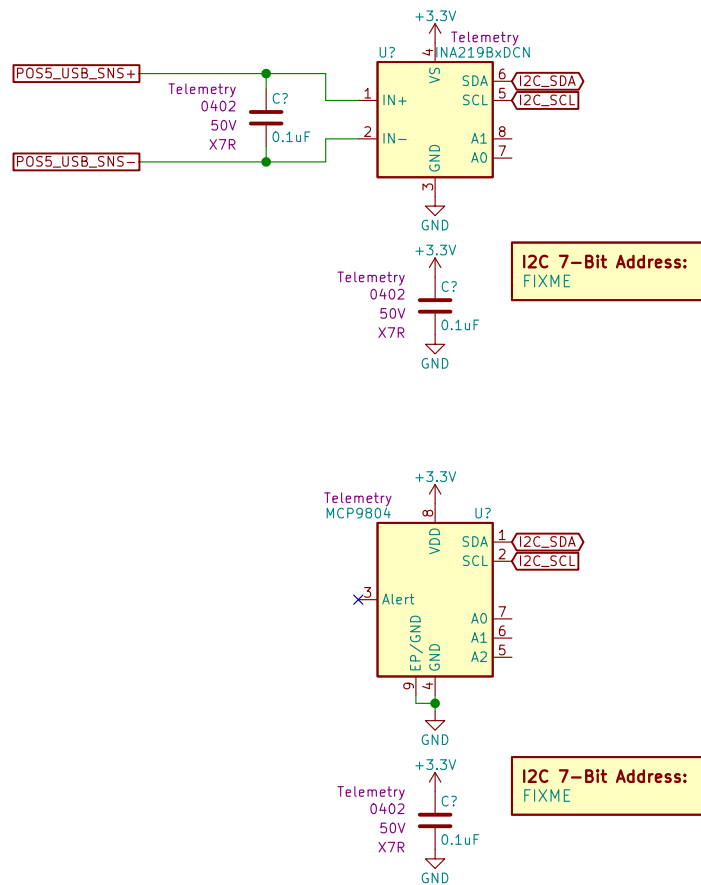
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KiCad E.D.A. kicad (5.1.8)-1

Rev: A  
Id: 32/34







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Sheet: /USB Telemetry/

File: USB\_Telemetry.sch

**Title: LED Panel Controller**

Size: A Date: 2020-12-23

KiCad E.D.A. kicad (5.1.8)-1

Rev: A

Id: 34/34