Power Input

Power_Input.sch

POS3P3 Power Supply

POS3P3_Power_Supply.sch

Microcontroller Programming

Microcontroller_Programming.sch

WiFi Module

Wi_Fi_Module.sch

USB_UART Isolation

USB_UART_Isolation.sch

USB_UART Bridge

USB_UART_Bridge.sch

Panel Data Connectors

Panel_Data_Connectors.sch

Panel Power Connectors

Panel_Power_Connectors.sch

Microcontroller Power

Microcontroller_Power.sch

Microcontroller A

Microcontroller_A.sch

Microcontroller B

Microcontroller_B.sch

External SRAM

External_SRAM.sch

External Flash 1

External_Flash_1.sch

External Flash 2

External_Flash_2.sch

External Flash 3

External_Flash_3.sch

External Flash 4

External_Flash_4.sch

External Flash 5

External_Flash_5.sch

External Flash 6

External_Flash_6.sch

External Flash 7

External_Flash_7.sch

External Flash 8

External_Flash_8.sch

Status LEDs 1

Status_LEDs_1.sch

Panel Data Level Shifters 1

Panel_Data_Level_Shifters_1.sch

Panel Data Level Shifters 2

Panel_Data_Level_Shifters_2.sch

Panel Data Level Shifters 3

Panel_Data_Level_Shifters_3.sch

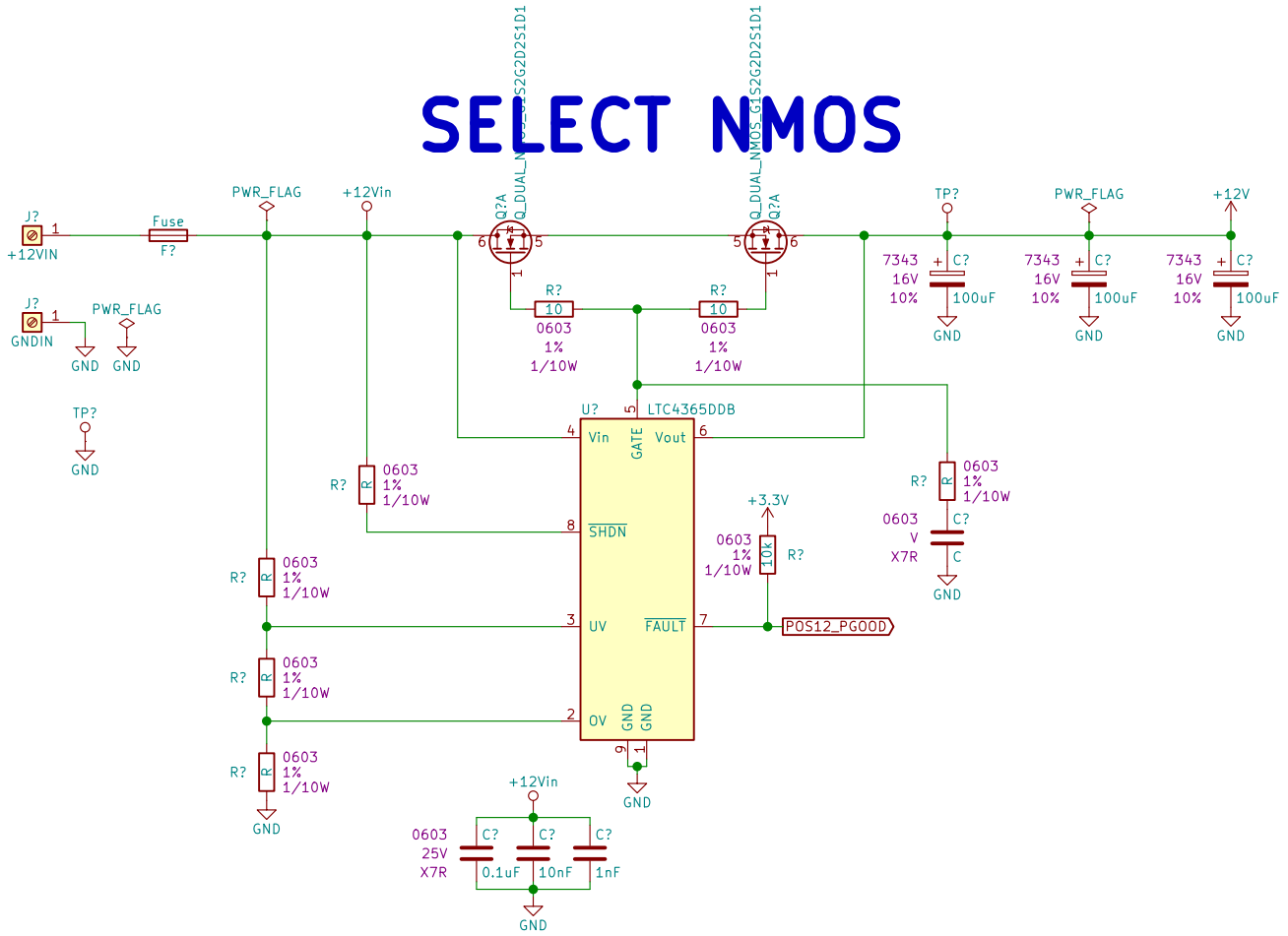
To Do:
* Add +5V LED Power Supply
* Pull ups instead of pull downs on USB_UART
* Mechanical sheet
* Design Power Input Circuit
* Add more power input connectors
* Add status LEDs
*

Sheet: /
File: LED_Display_Controller.sch

Title:

Size: A	Date:	**Rev:**
KiCad E.D.A. kicad (5.0.0)		Id: 1/25

SELECT NMOS



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KiCad E.D.A. kicad (5.0.0)		Id: 2/25

Sheet: /POS3P3 Power Supply/
File: POS3P3_Power_Supply.sch

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KiCad E.D.A. kicad (5.0.0)		Id: 3/25

Sheet: /Microcontroller Programming/
File: Microcontroller_Programming.sch

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Size: A	Date:	**Rev:**
KiCad E.D.A. kicad (5.0.0)		Id: 4/25

Sheet: /WiFi Module/
File: Wi_Fi_Module.sch

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Sheet: /USB UART Isolation/
File: USB_UART_Isolation.sch

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KiCad E.D.A. kicad (5.0.0)		Id: 6/25

Sheet: /USB UART Bridge/
File: USB_UART_Bridge.sch

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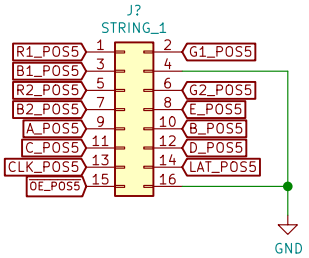

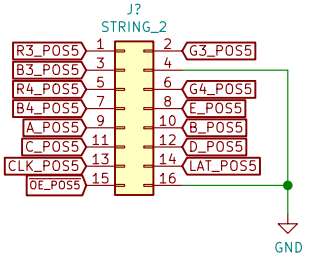

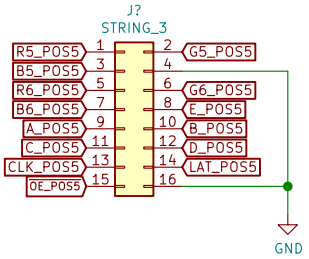

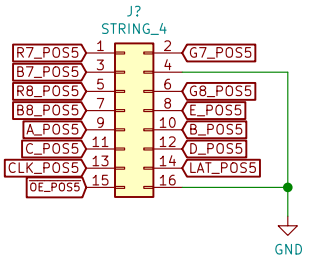

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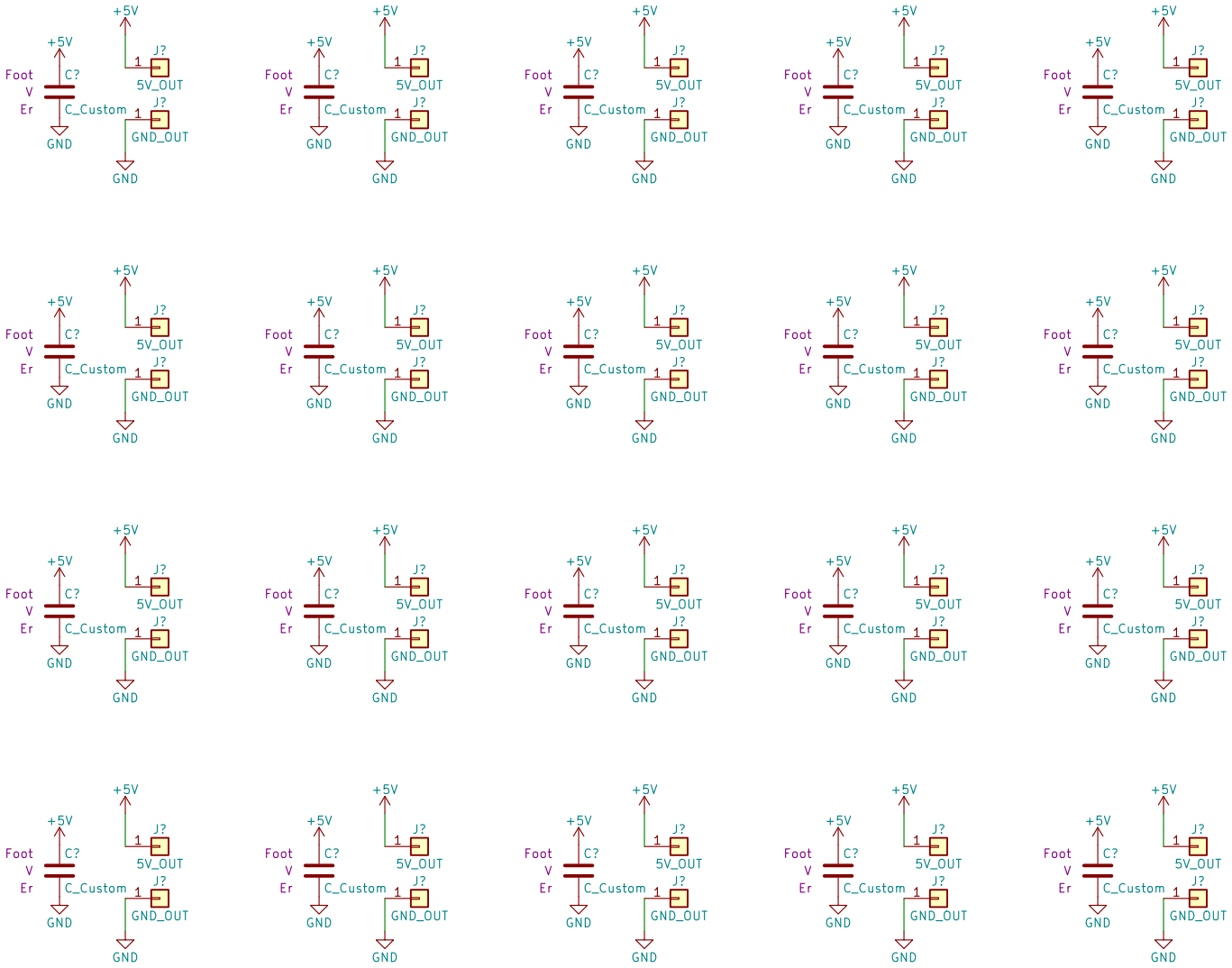

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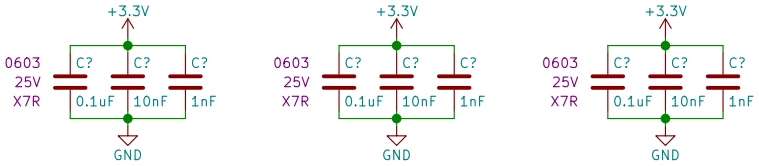

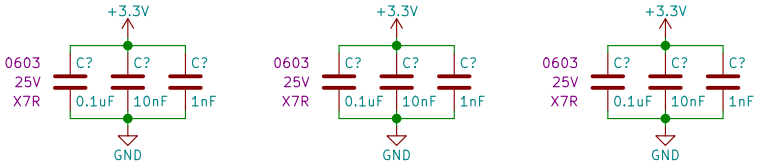

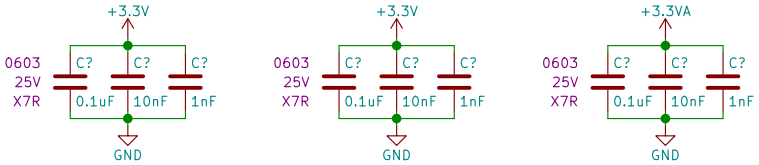

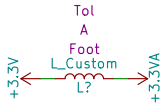

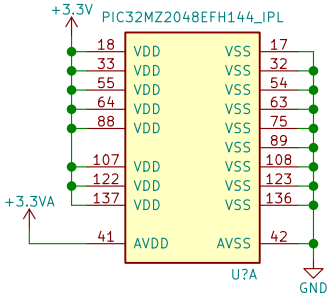

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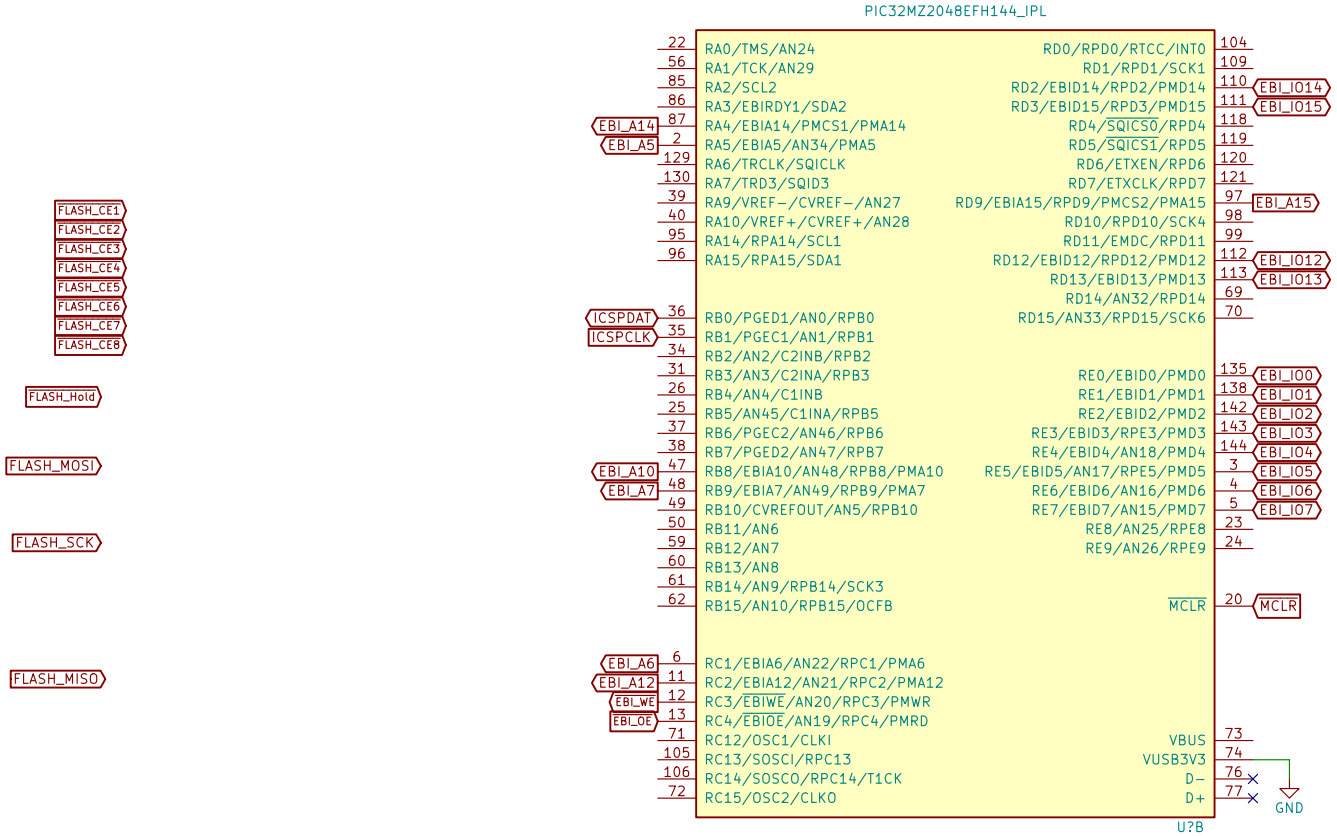

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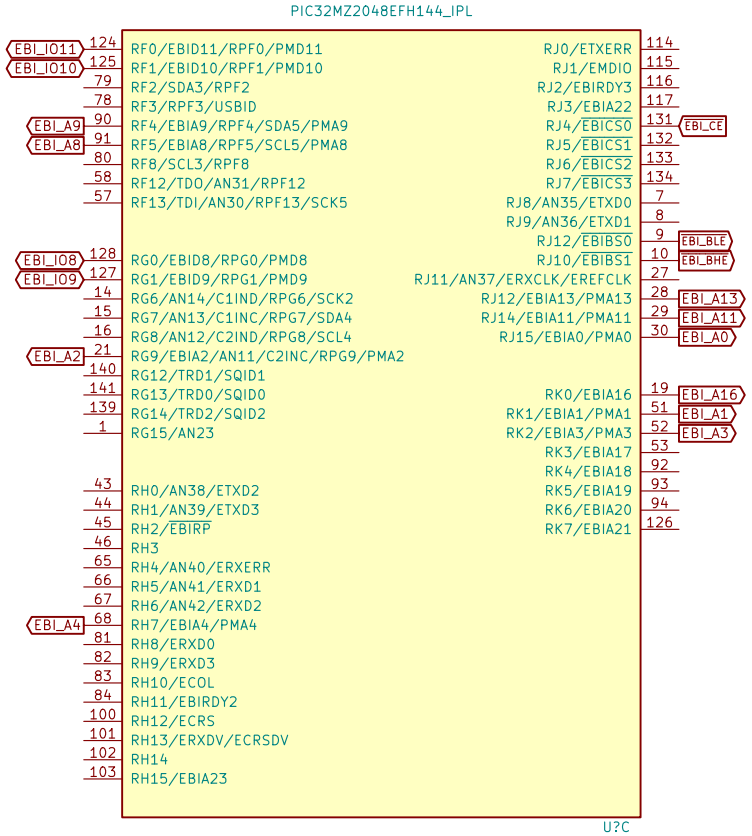

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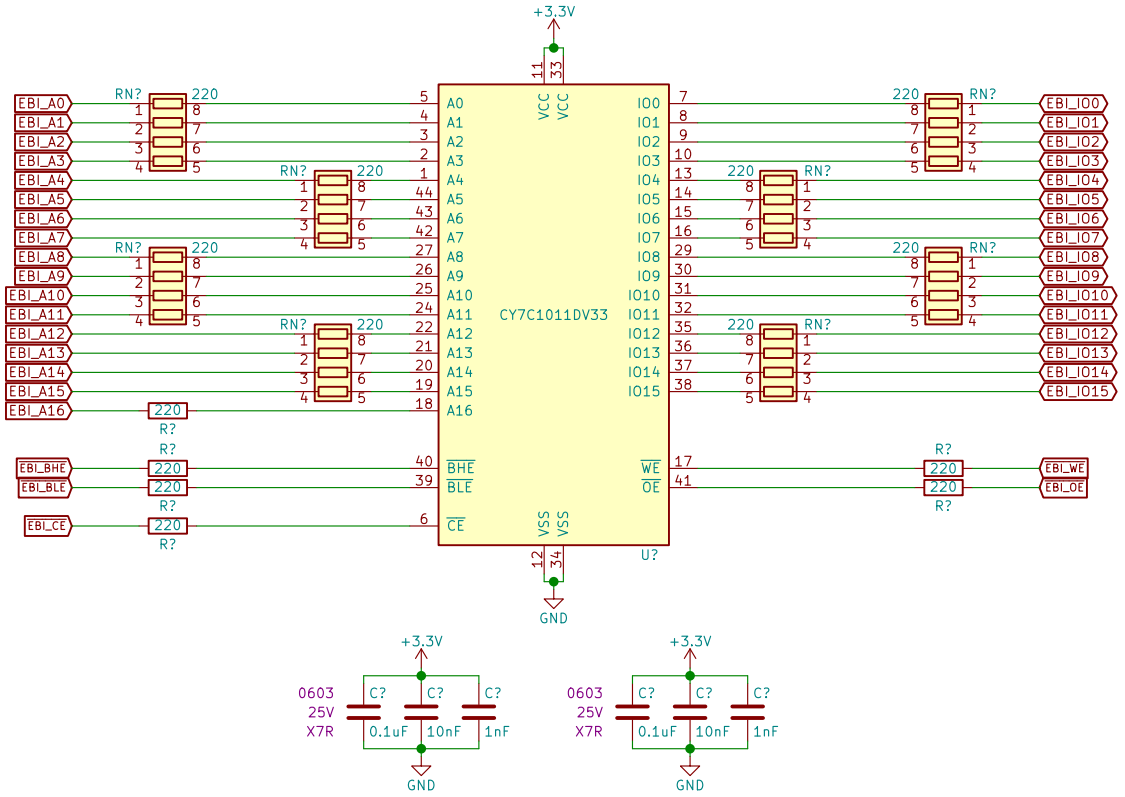

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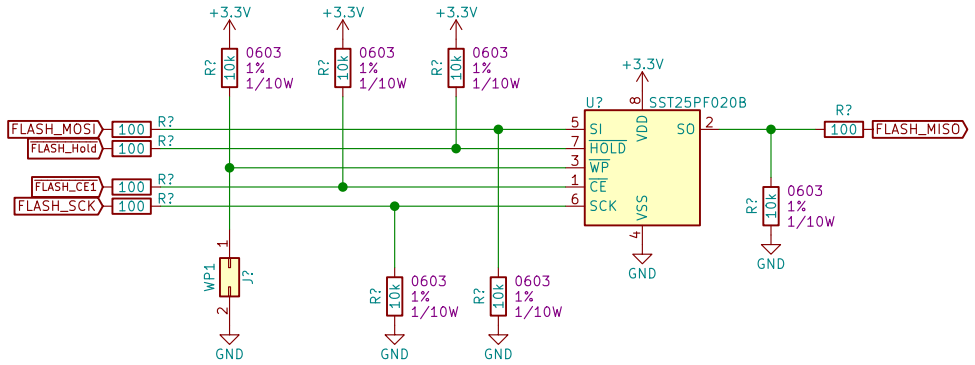

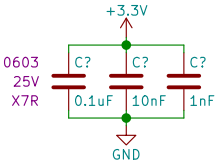

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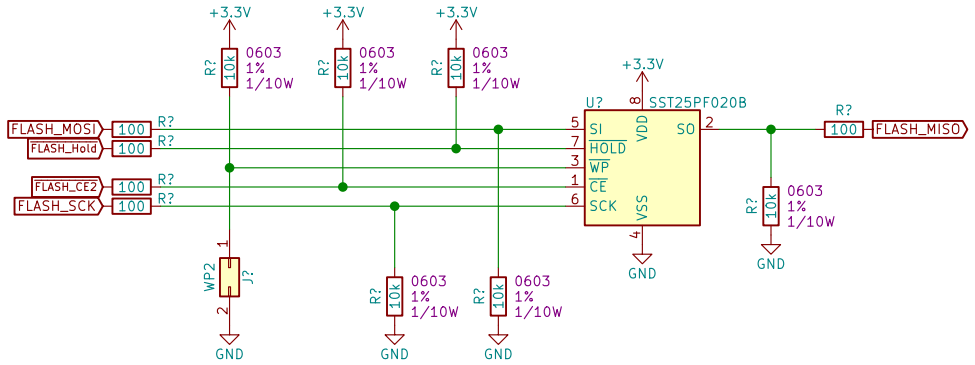

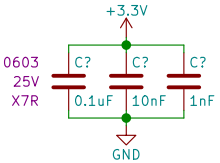

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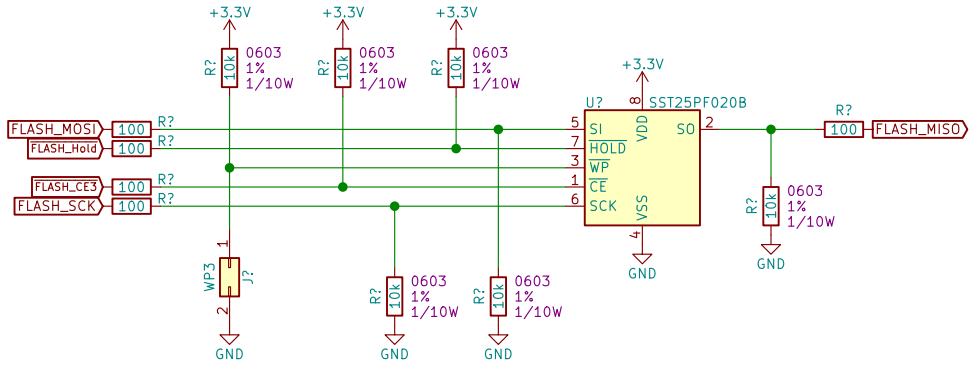

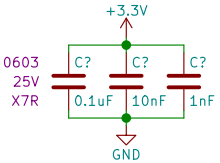

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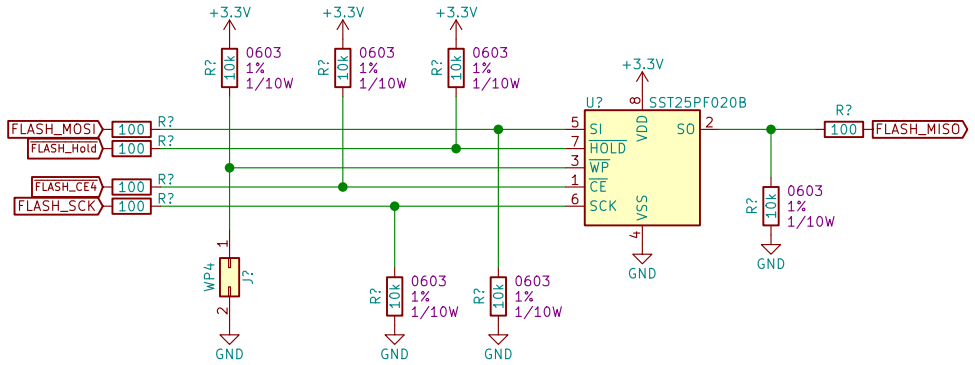

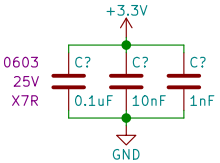

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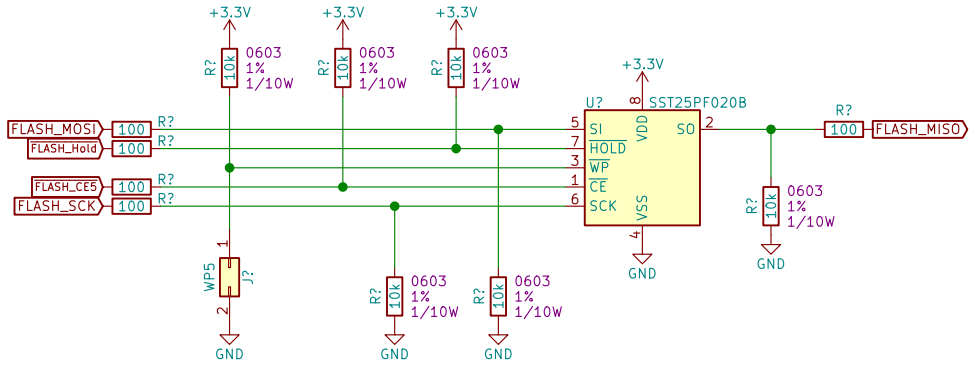

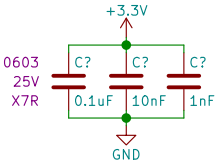

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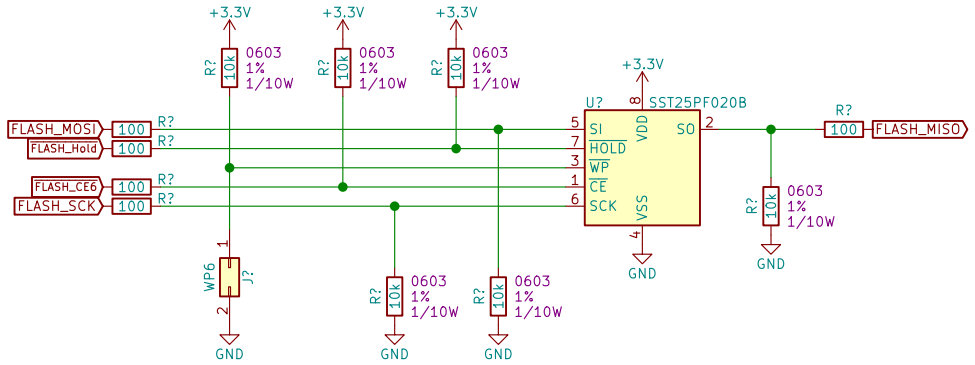

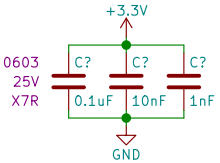

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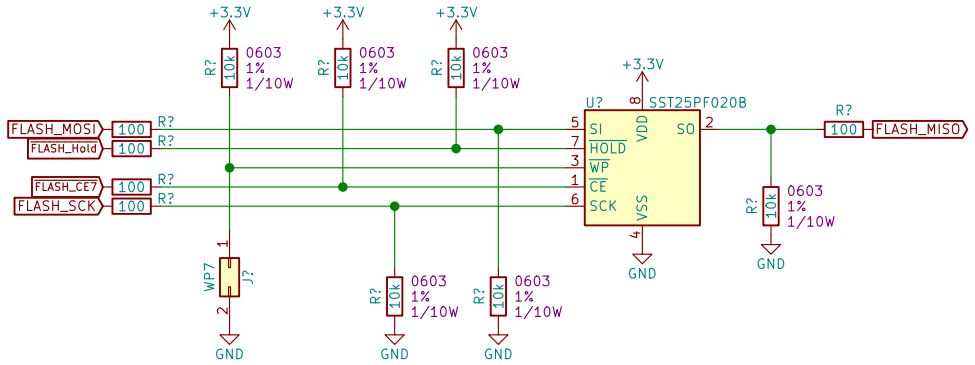

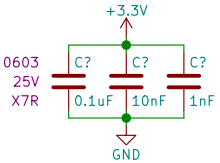

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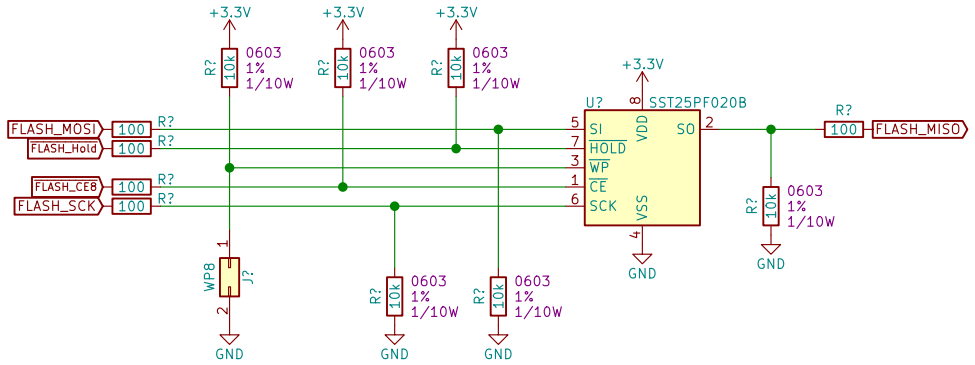

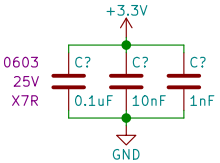

Sheet: /External Flash 8/
File: External_Flash_8.sch

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Size: A	Date:	**Rev:**
KiCad E.D.A. kicad (5.0.0)		Id: 21/25

Sheet: /Status LEDs 1/
File: Status_LEDs_1.sch

Title:

Size: A	Date:	**Rev:**
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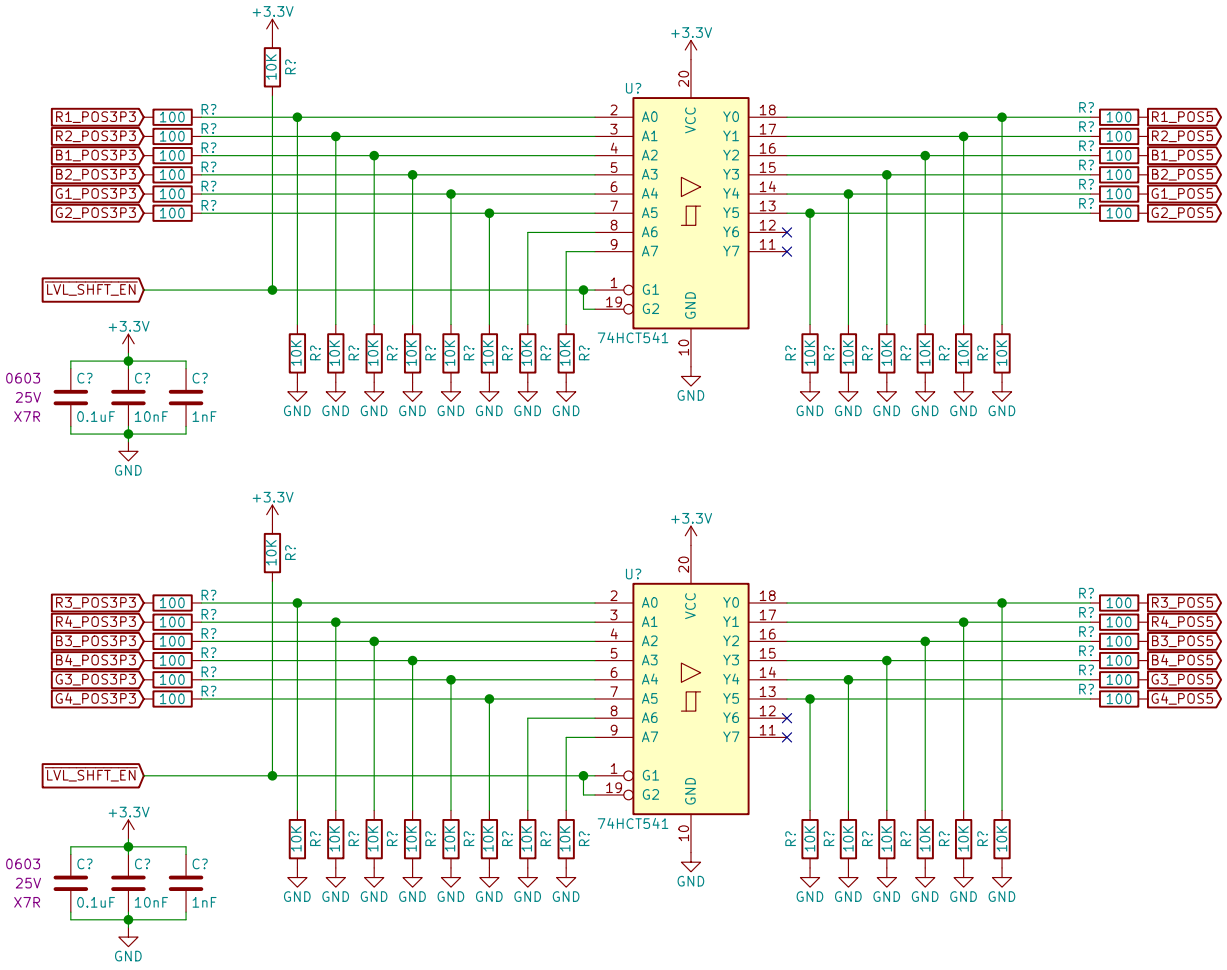

Sheet: /Panel Data Level Shifters 1/		
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Size: A	Date:	**Rev:**
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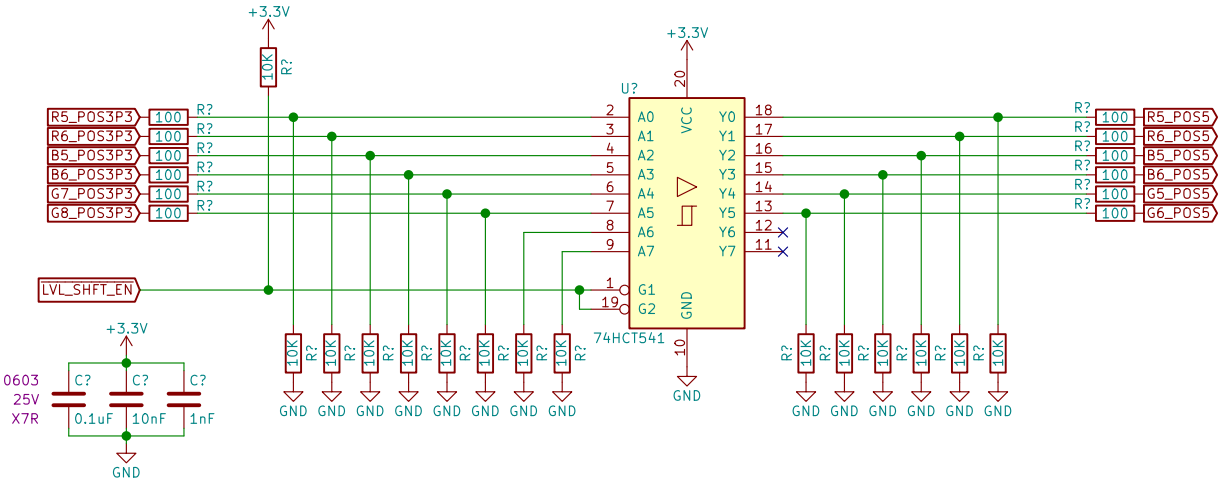

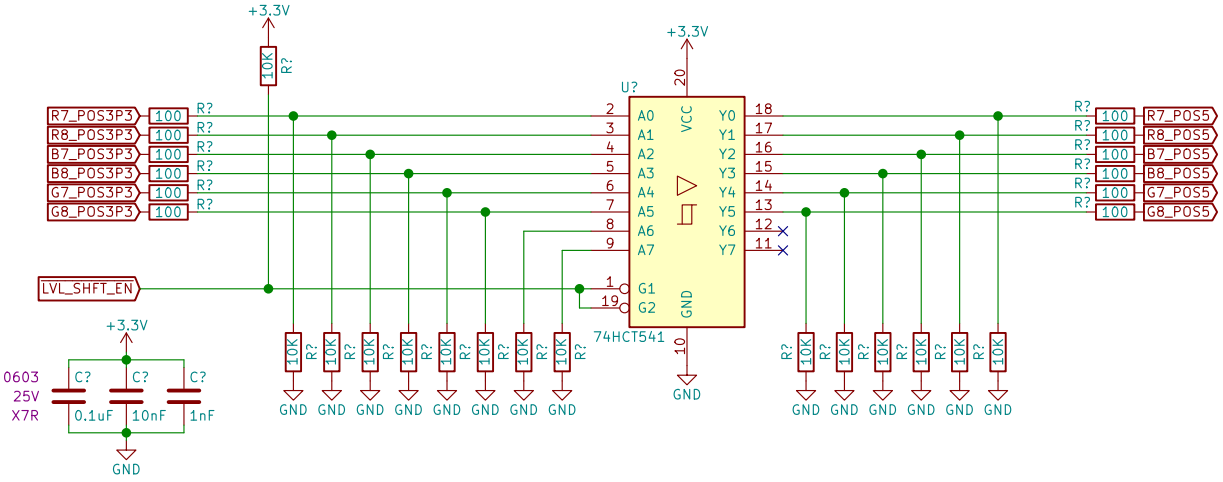

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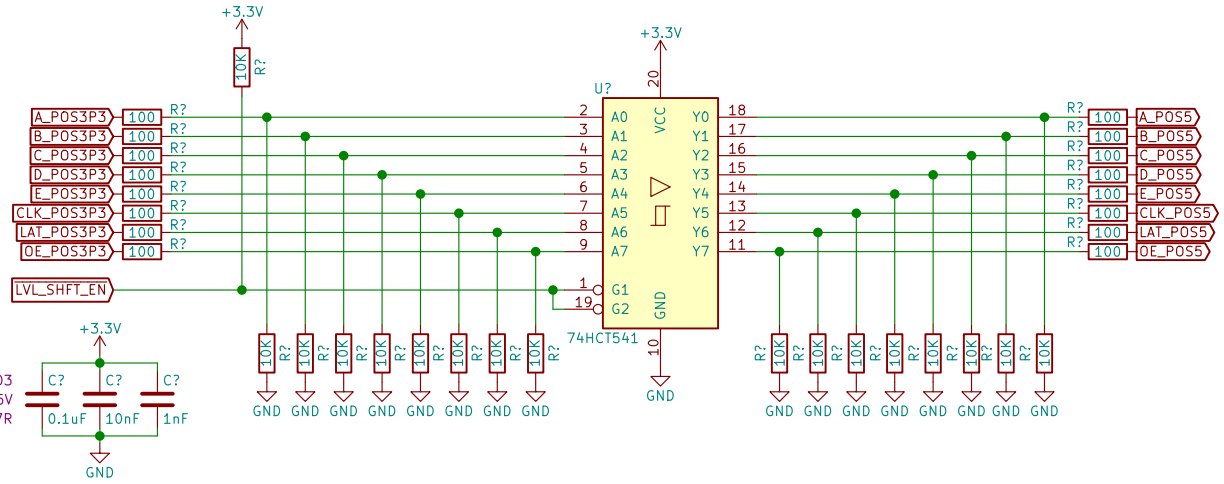

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