

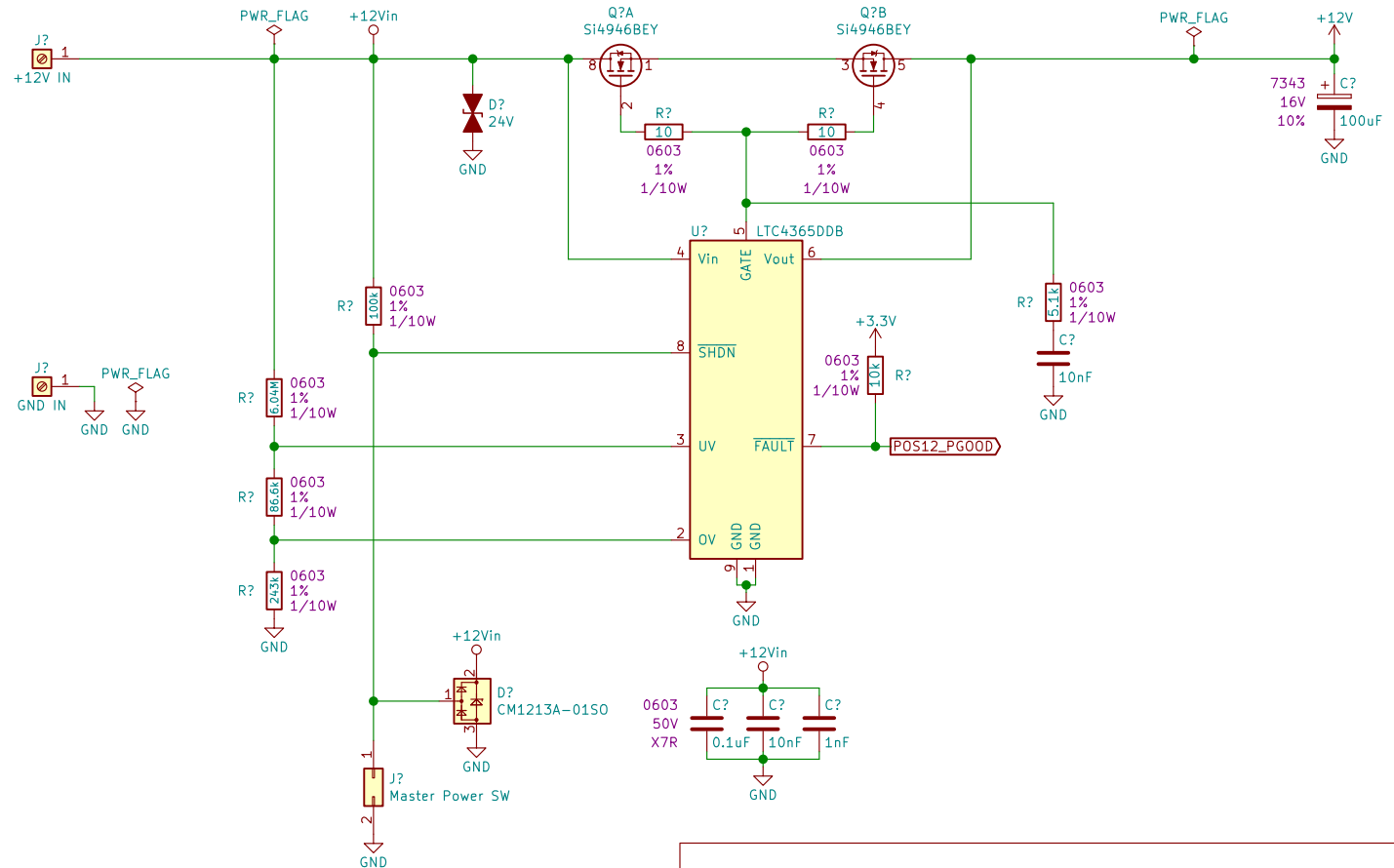
	1	2	3	4	5		
A		Power Input Power_Input.sch POS3P3_Power Supply POS3P3_Power_Supply.sch Microcontroller Programming Microcontroller_Programming.sch WiFi Module Wi-Fi_Module.sch USB UART Isolation USB_UART_Isolation.sch USB UART Bridge USB_UART_Bridge.sch Panel Data Connectors Panel_Data_Connectors.sch LED POS5 Monitoring LED_POS5_Monitoring.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_LevelShifters_1.sch Panel Data Level Shifters 2 Panel_Data_LevelShifters_2.sch Panel Data Level Shifters 3 Panel_Data_LevelShifters_3.sch Test Points Test_Points.sch Pushbuttons Pushbuttons.sch POS5_Power Supply POS5_Power_Supply.sch	Mechanical Mechanical.sch Internal Rail Monitoring Internal_Rail_Monitoring.sch		A
B						B	
C						C	
D						D	

To Do List:

- * Mechanical sheet
- * Decide on input power supply (AC/DC)
- * Add status LEDs, PGOOD stuff
- * Add LED 5V Monitoring
- * Add small 5V supply for level shifters (LDO? Charge pump? Small Buck?)
- * Add voltage rail ADC dividers/filters
- * Add on/off pushbutton
- * Add master brightness encoder
- * ESD protection on output signals? (ehhhhh)
- * Add graphical items to certain sheets (ESD warning, heat, etc)
- * Add MU Logo to each sheet
- * Add Titles to each sheet
- * Add relevant design notes/routing notes to sheets
- * Add test points sheet
- * Re-order sheets
- * Wire everything to Micro
- * Assign Refdes's
- * Draw custom footprints
- * Assign footprints
- * Assign Digi-Key Partnumbers
- * Run ERC, resolve errors
- * Add firmware notes sheet
- * Add COM port settings notes to USB sheet
- * Generate netlist
- * Generate BOM
- * Layout PCB

Sheet: / File: LED_Display_Controller.sch		
Title:		
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Power Input

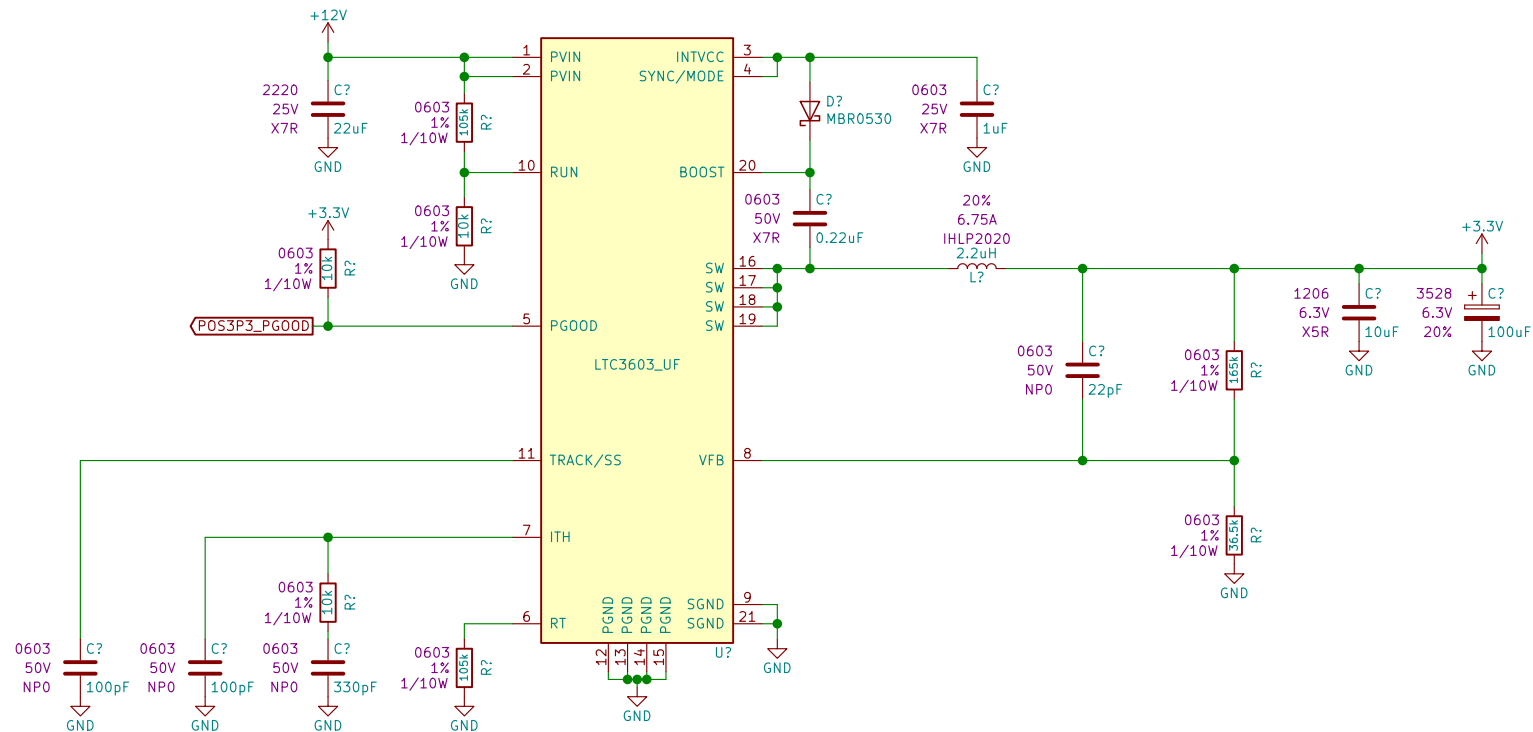


Sheet: /Power Input/
File: Power_Input.sch

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Id: 2/30



Sheet: /POS3P3 Power Supply/
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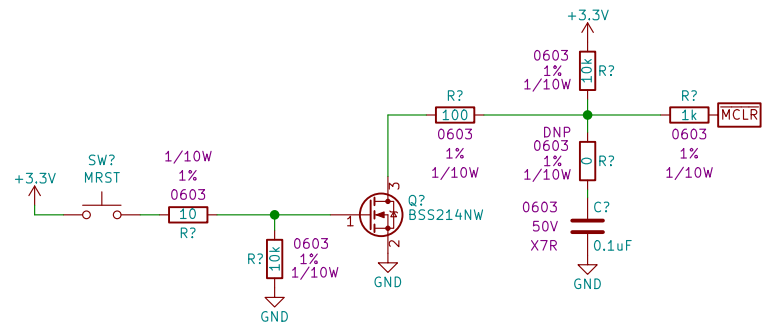
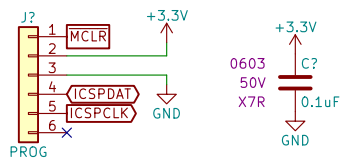
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Id: 3/30



Sheet: /Microcontroller Programming/
File: Microcontroller_Programming.sch

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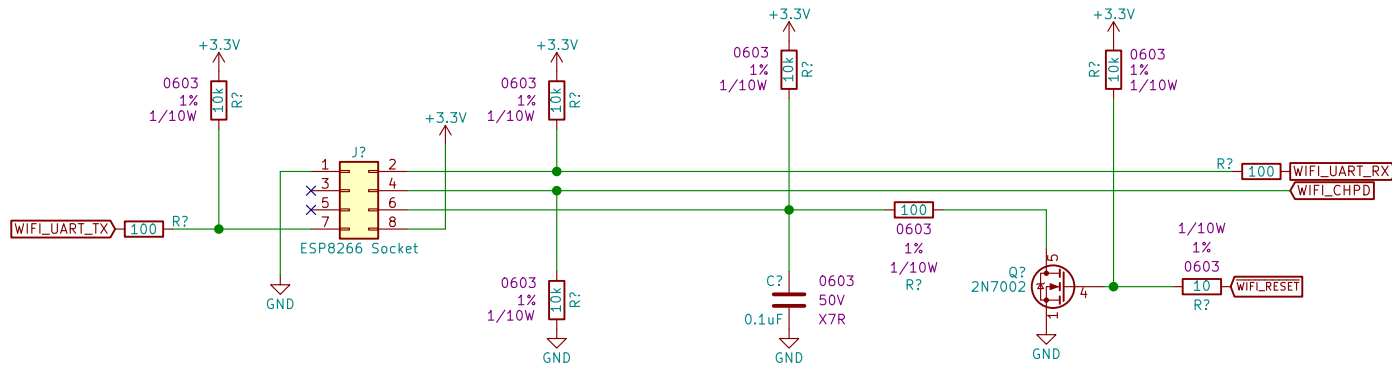
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Id: 4/30



ESP8266 Pinout does not match default KiCad pin socket footprint.
Alter the pin numbers in layout

Sheet: /WiFi Module/
File: Wi-Fi_Module.sch

Title:

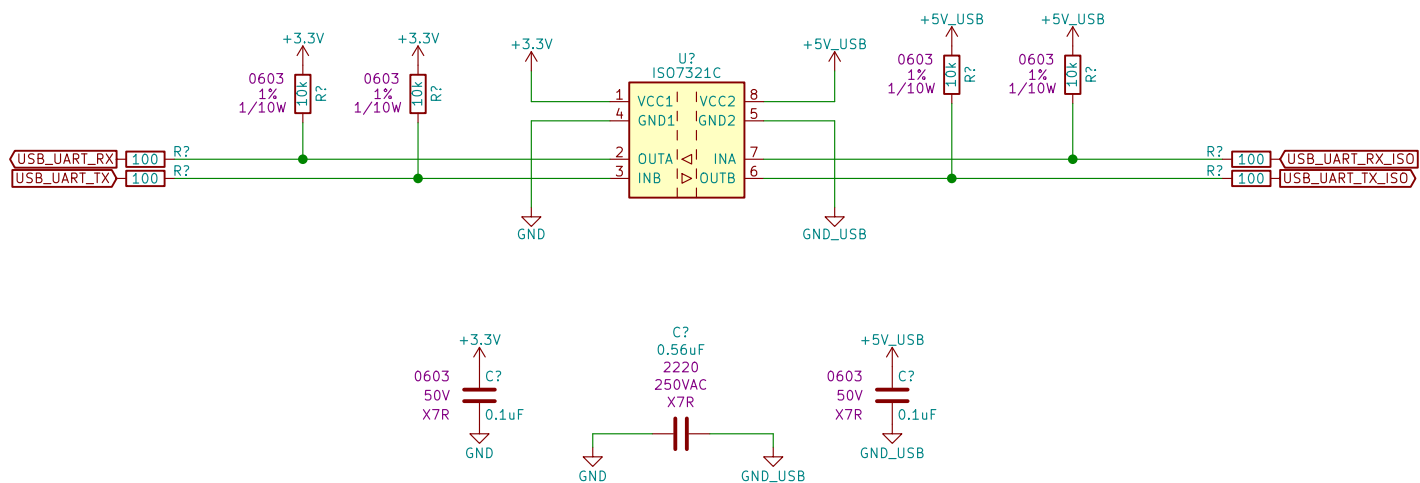
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Sheet: /USB UART Isolation/
File: USB_UART_Isolation.sch

Title:

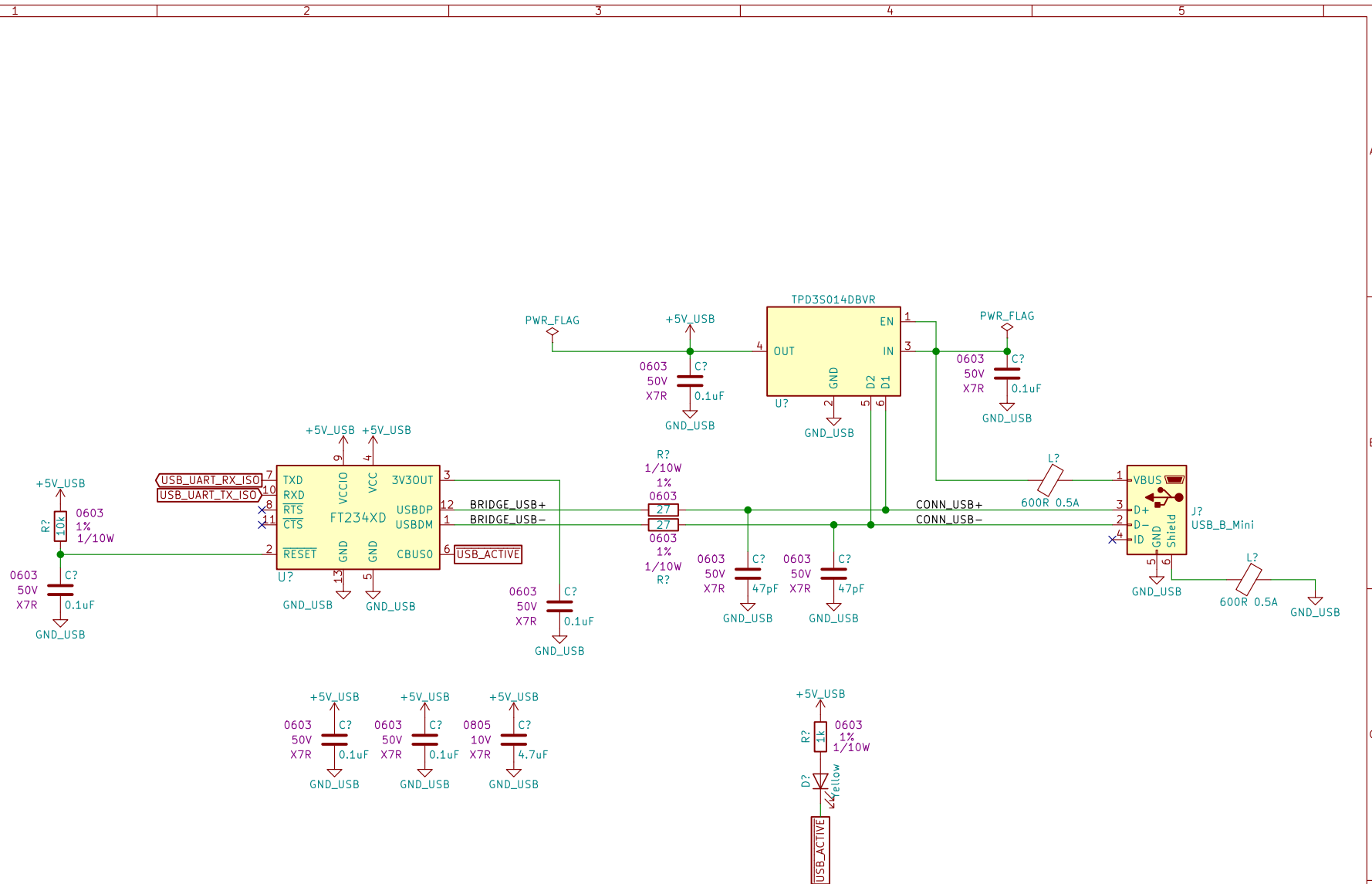
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Sheet: /USB UART Bridge/
File: USB_UART_Bridge.sch

Title:

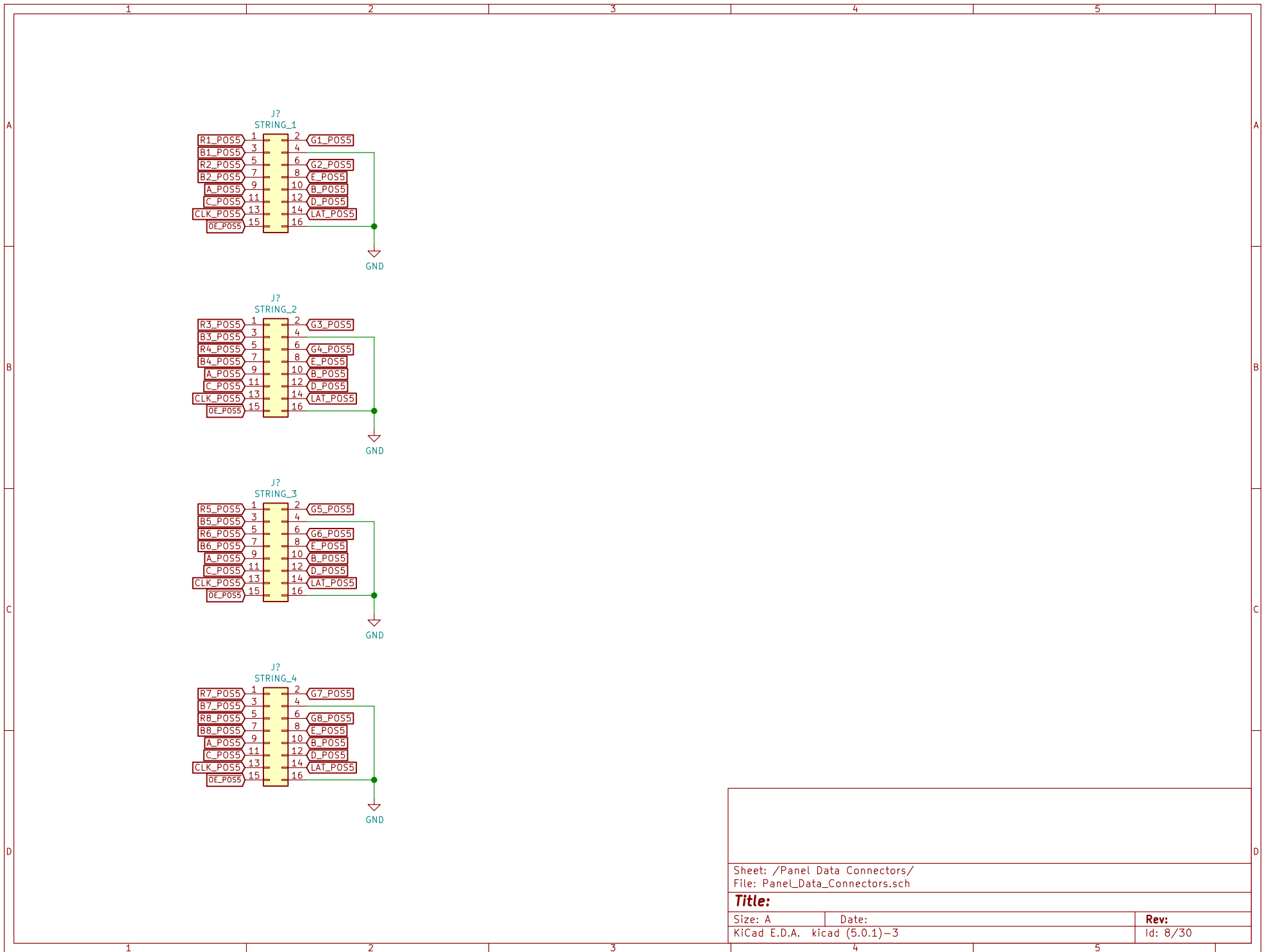
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Sheet: /Panel Data Connectors/
File: PanelData_Connectors.sch

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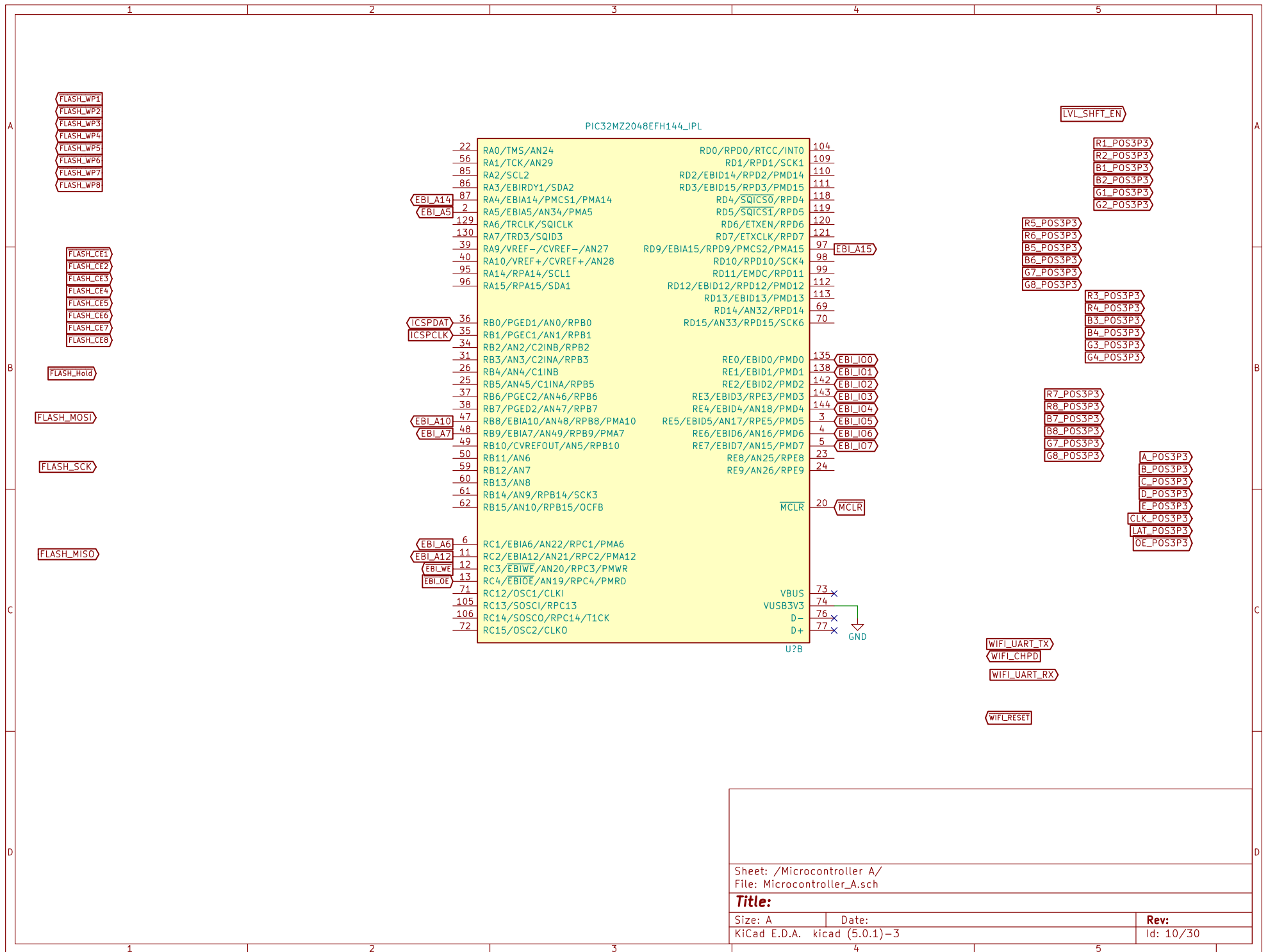
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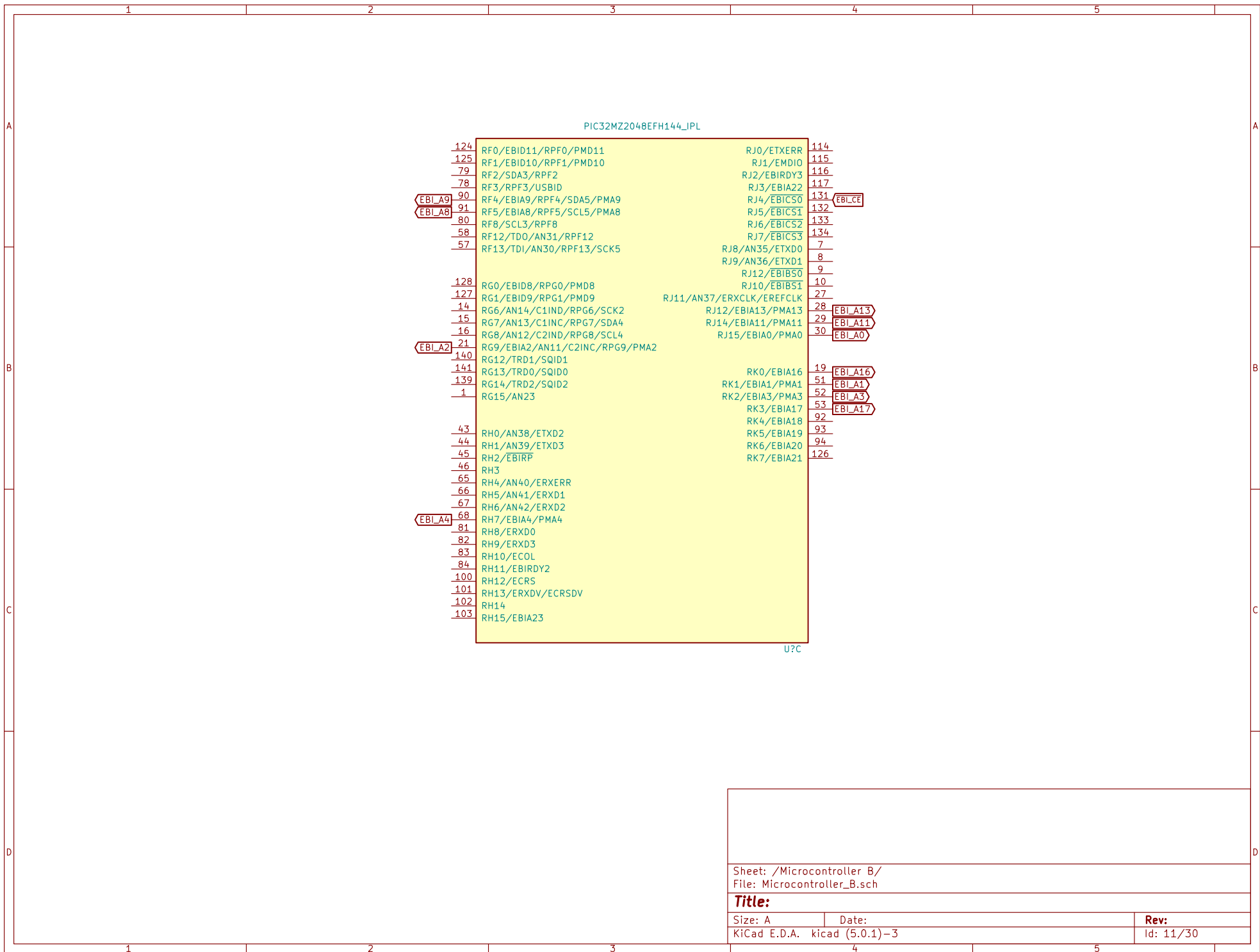
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Id: 8/30





Sheet: /Microcontroller B/
File: Microcontroller_B.sch

Title:

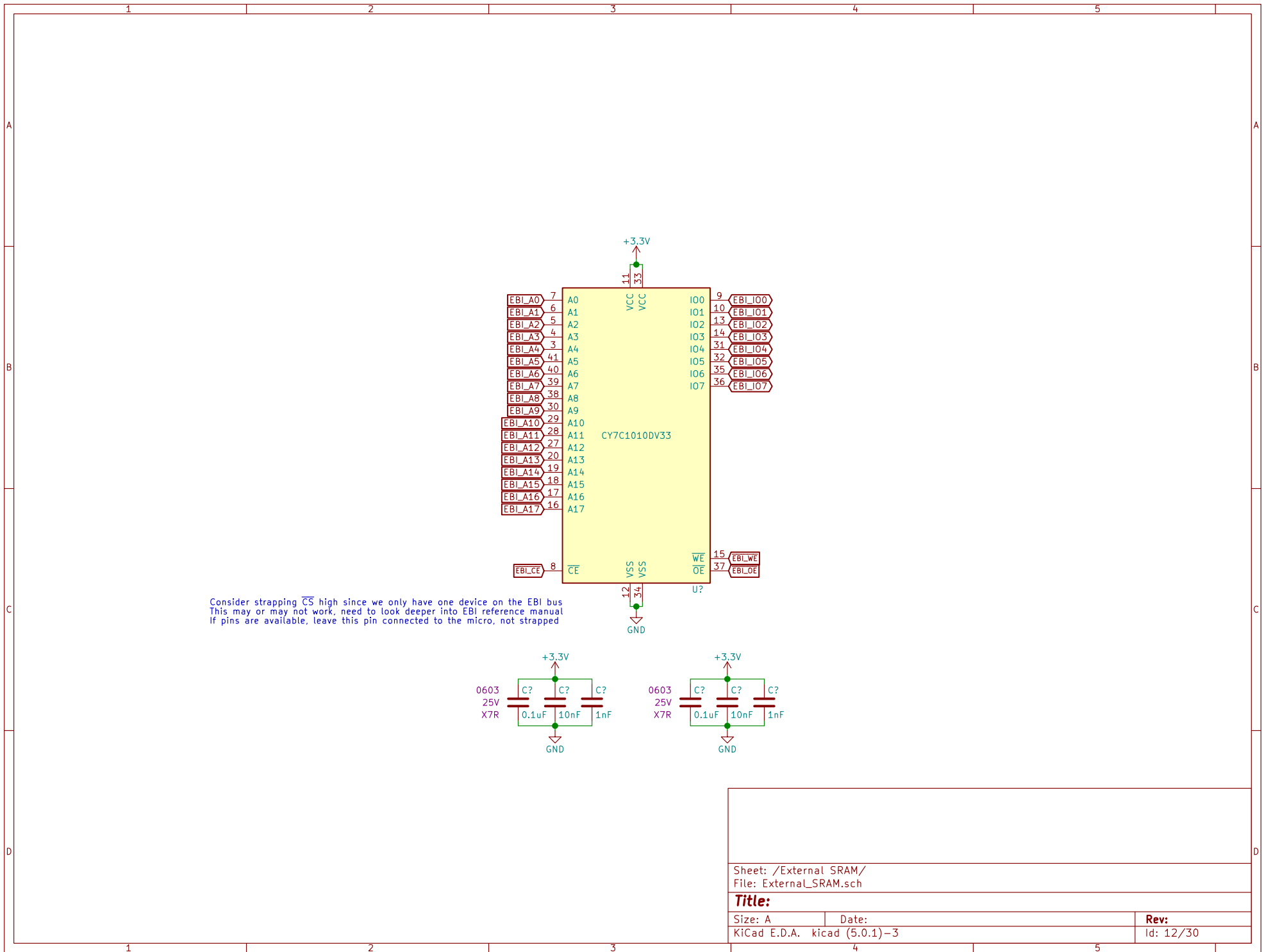
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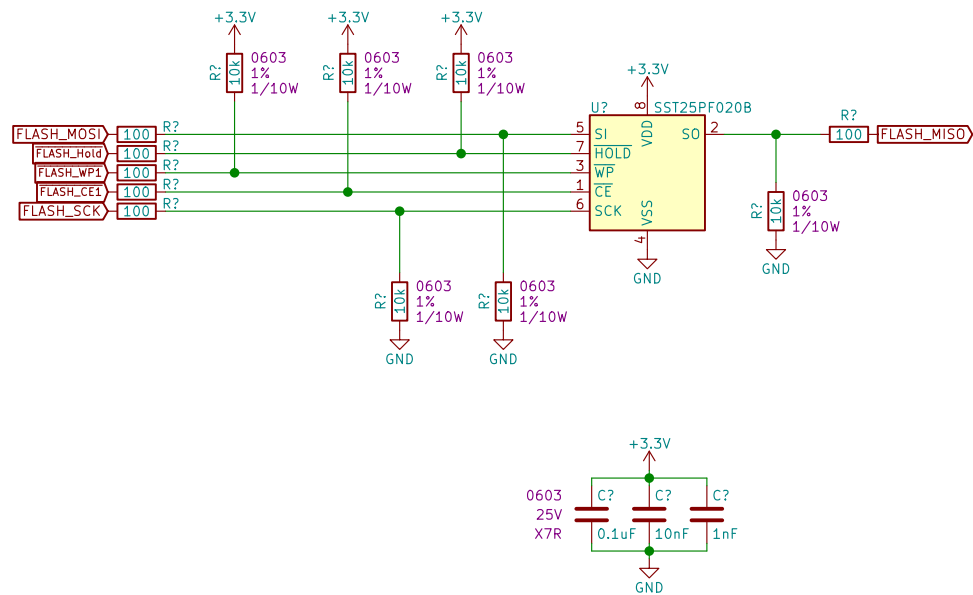
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Sheet: /External Flash 1/
File: External_Flash_1.sch

Title:

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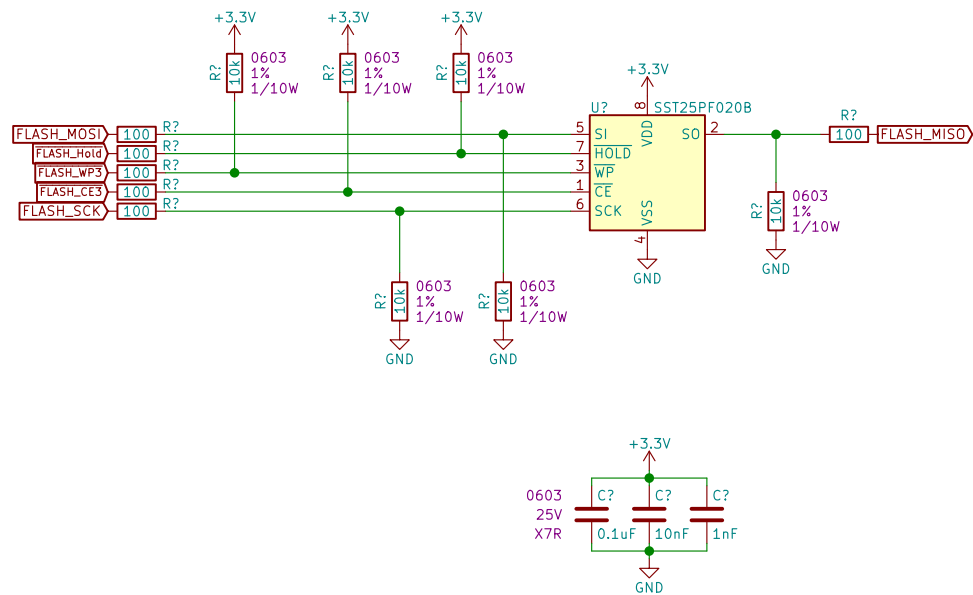
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Sheet: /External Flash 3/
File: External_Flash_3.sch

Title:

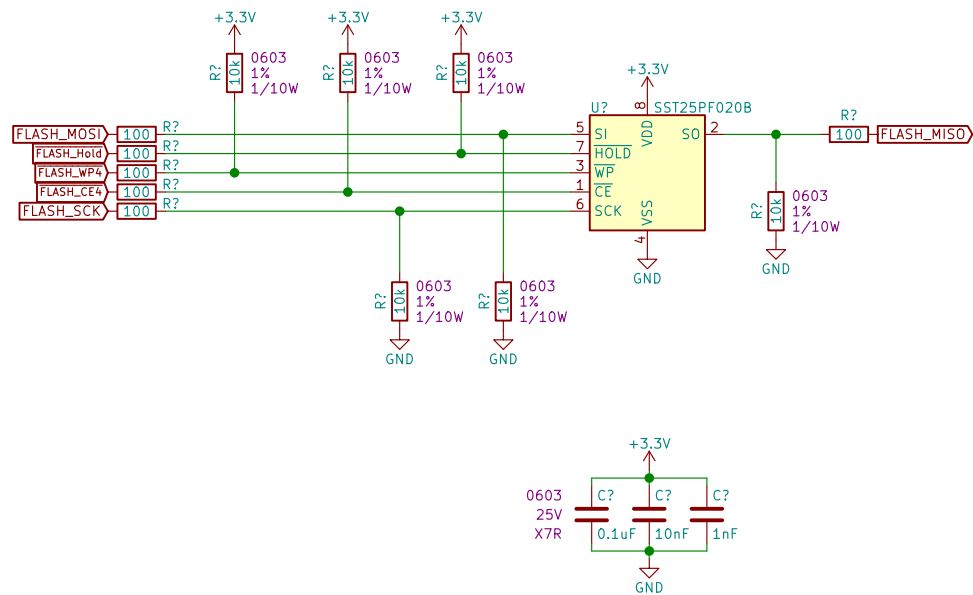
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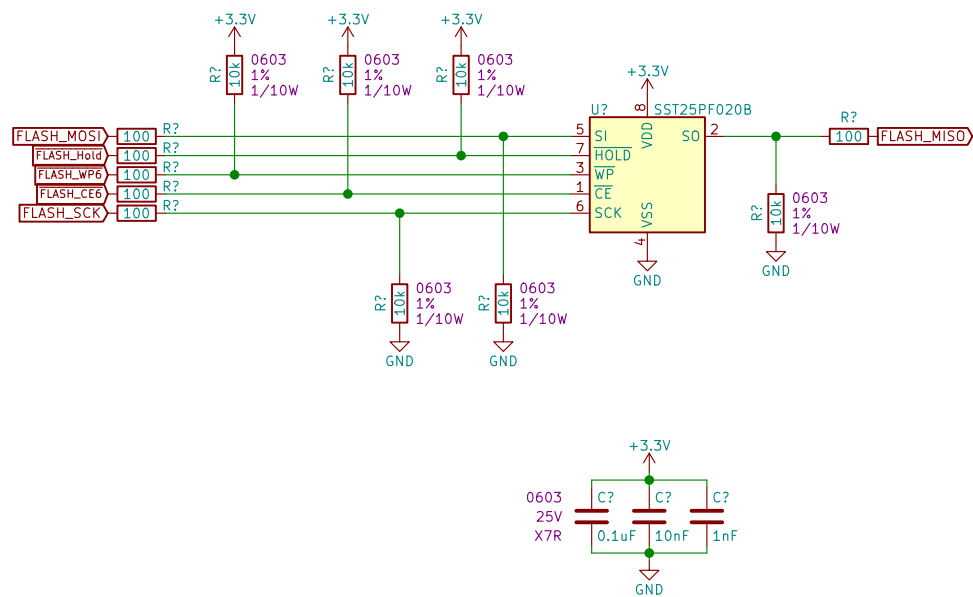
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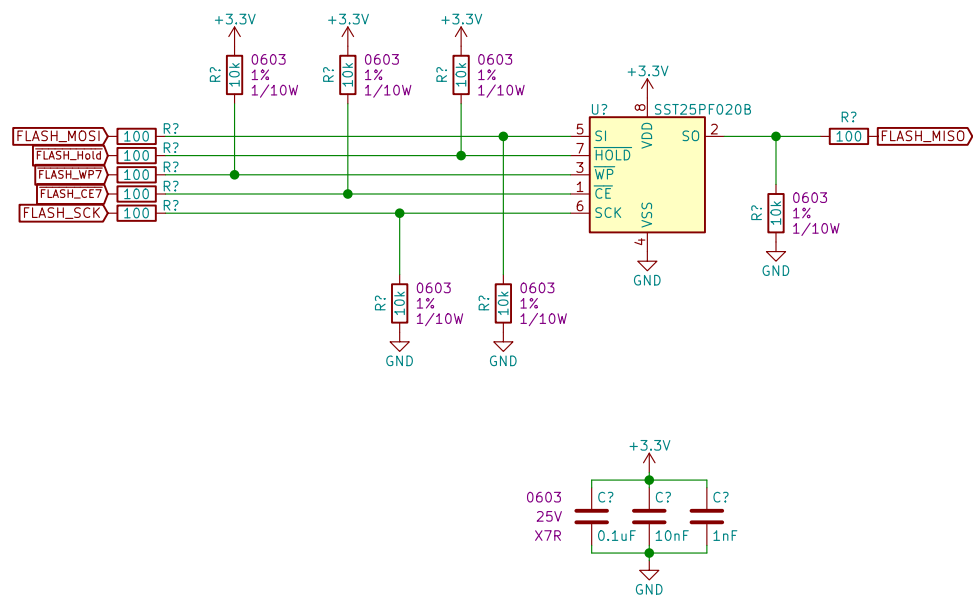
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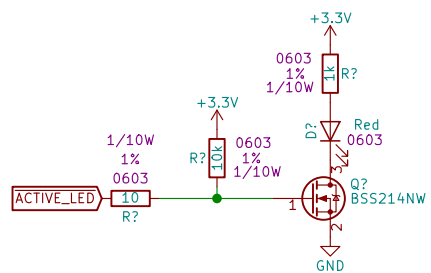
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Id: 19/30





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

Title:

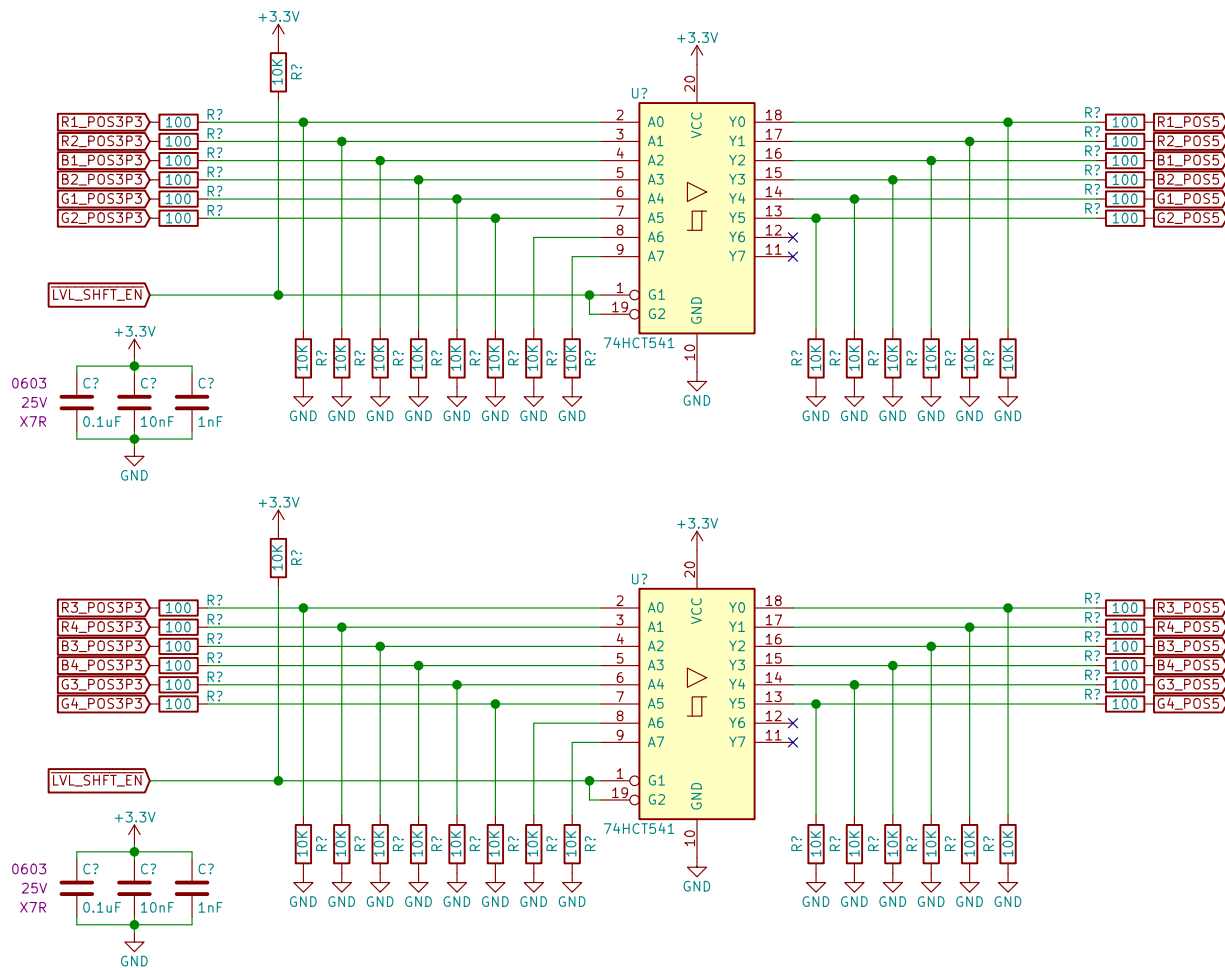
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Sheet: /Panel Data Level Shifters 1/
File: PanelData_LevelShifters_1.sch

Title:

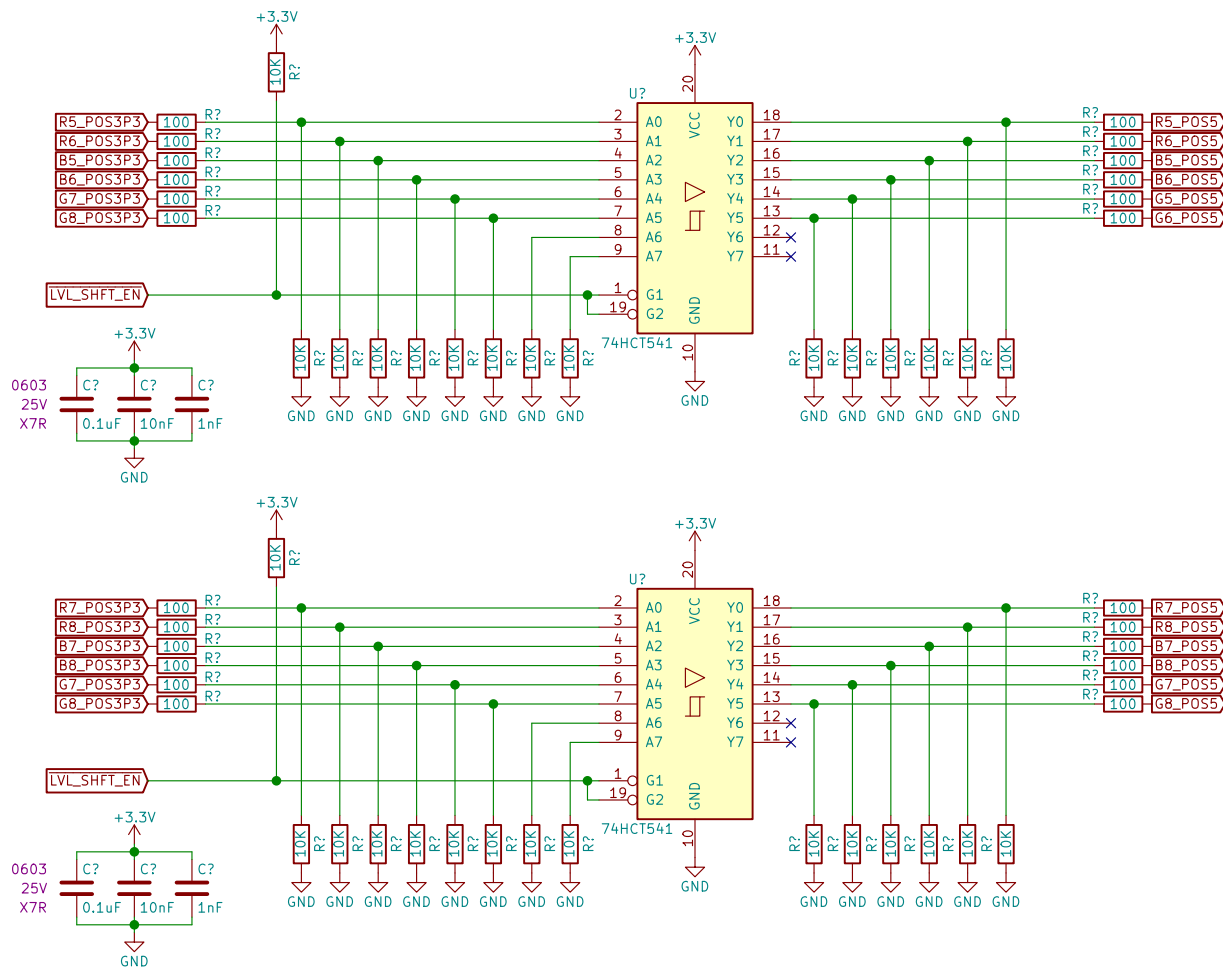
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Sheet: /Panel Data Level Shifters 2/
File: PanelData_LevelShifters_2.sch

Title:

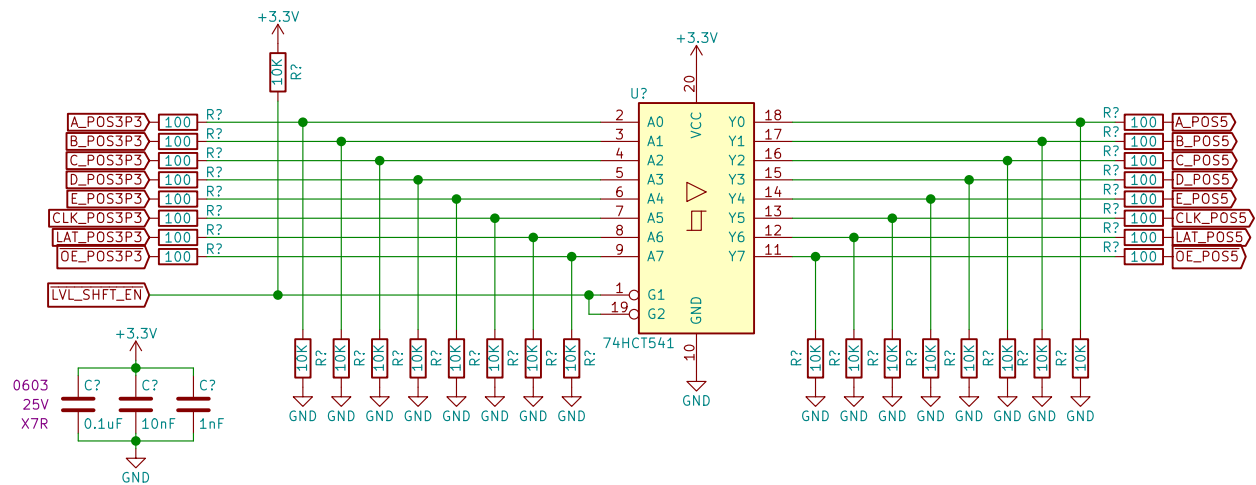
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KiCad E.D.A. kicad (5.0.1)–3

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Id: 23/30



Sheet: /Panel Data Level Shifters 3/
File: PanelData_LevelShifters_3.sch

Title:

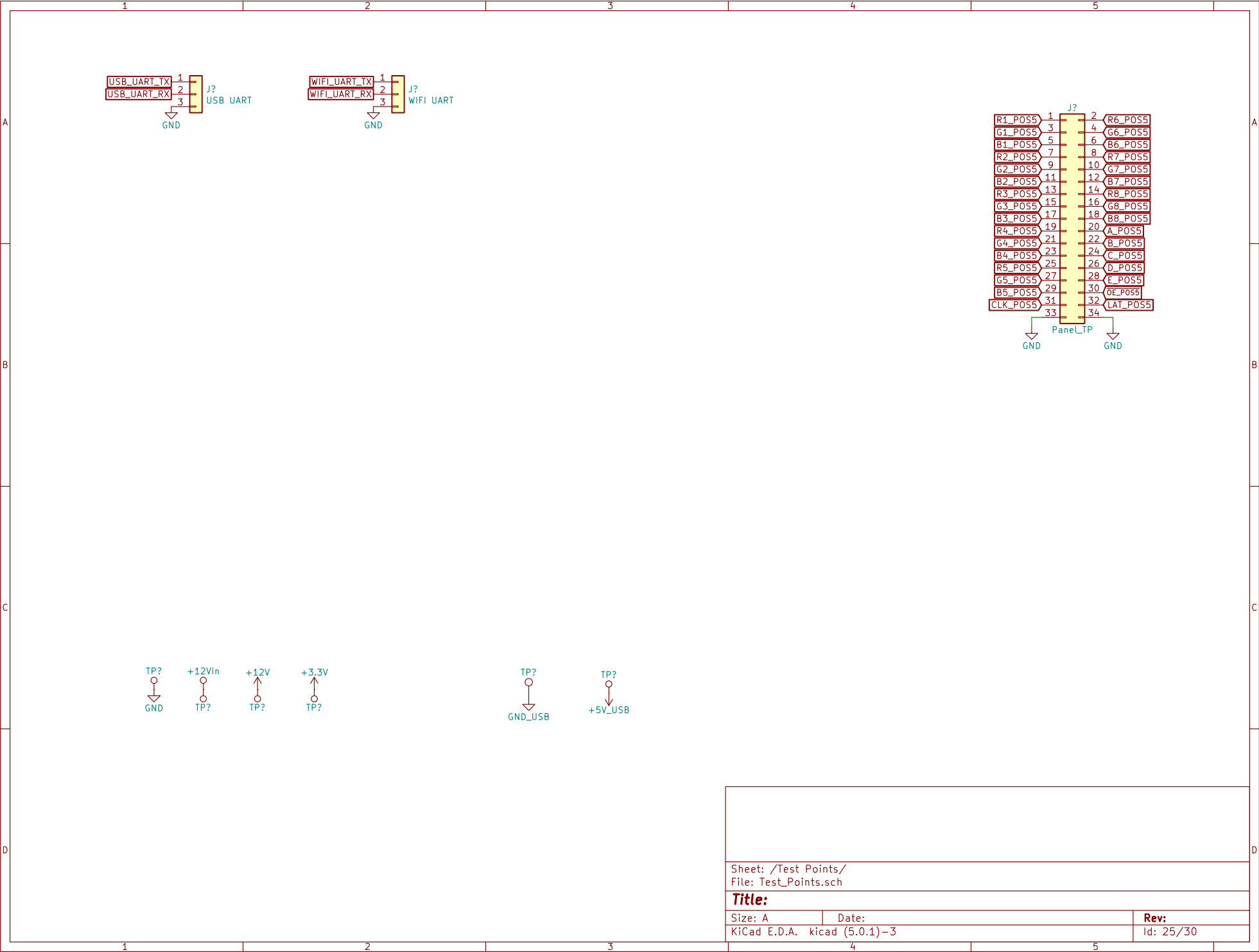
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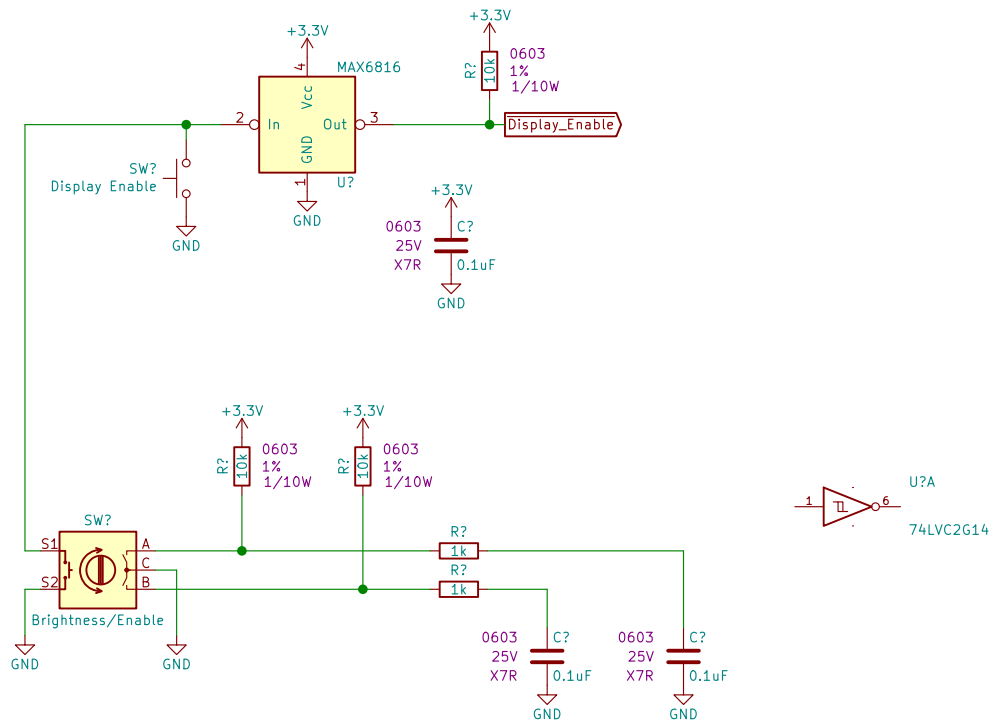
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File: LED_POS5_Monitoring.sch

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Rev:Id: 26/30

Sheet: /LED POS5 Monitoring/ File: LED_POS5_Monitoring.sch		
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Sheet: /Mechanical/
File: Mechanical.sch

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Rev:Id: 29/30

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KiCad E.D.A. kicad (5.0.1)–3					Id: 29/30																			

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Sheet: /Internal Rail Monitoring/
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Rev:Id: 30/30

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