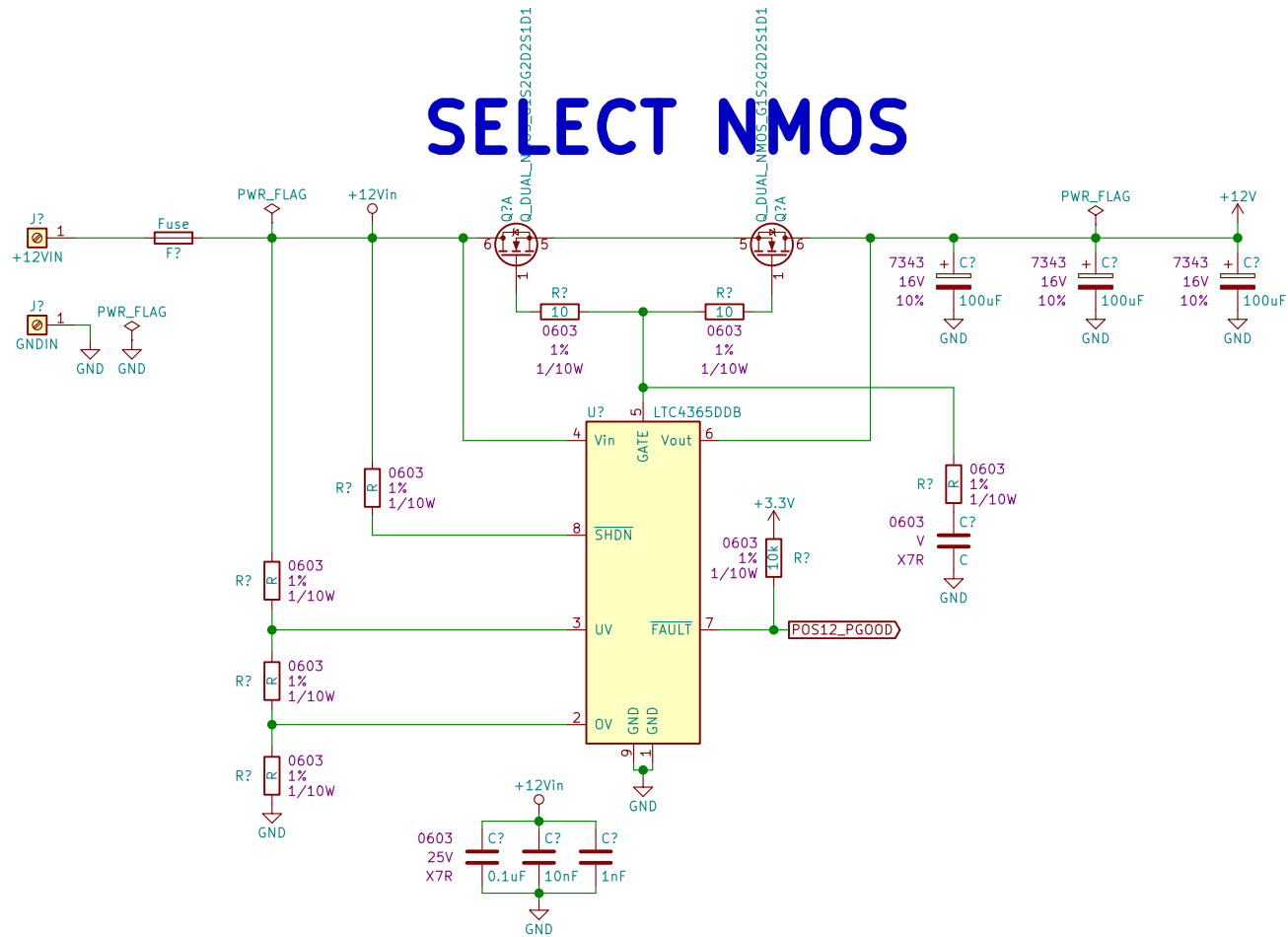


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A		Power Input Power_Input.sch POS3P3_Power Supply POS3P3_Power_Supply.sch Microcontroller Programming Microcontroller_Programming.sch WiFi Module Wi-Fi_Module.sch USB_UART Isolation USB_UART_Isolation.sch USB_UART Bridge USB_UART_Bridge.sch Panel_Data Connectors Panel_Data_Connectors.sch 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_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	POS5_Control POS5_Control.sch POS5_Phase 1 POS5_Phase_1.sch POS5_Phase 2 POS5_Phase_2.sch POS5_Phase 3 POS5_Phase_3.sch POS5_Phase 4 POS5_Phase_4.sch POS5P5_MNG POS5P5_MNG.sch		A
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C						C	
D		<div>To Do List:</div> <div><div>* Add +5V LED Power Supply (~80 to 90A)</div><div>* External oscillator for Micro?</div><div>* Mechanical sheet</div><div>* Design Power Input Circuit, add fusing</div><div>* Decide on input power supply (AC/DC)</div><div>* Add more power input connectors, match to AC/DC output connectors. Might need beefy Wuerth shanks</div><div>* Add status LEDs, PGOOD stuff</div><div>* +3.3V Power Supply (~2A)</div><div>* +5V Monitoring/+3.3V Monitoring/Input Monitoring? Temperature sensors?</div><div>* Add AUX +5V input if we mess up +5V supply</div><div>* Wi-Fi Module</div><div>* Evaluate Micro AVDD/AVSS filter</div><div>* Select panel connector bulk caps, match with other tantalums on board for BOM scrubbing?</div><div>* Power pushbutton? vs set on app?</div><div>* Brightness encoder? vs set on app?</div><div>* Add graphical items to certain sheets (ESD warning, heat, etc)</div><div>* Add MU Logo to each sheet</div><div>* Add Titles to each sheet</div><div>* Add relevant design notes/routing notes to sheets</div><div>* Add test points sheet</div><div>* Re-order sheets</div><div>* Wire everything to Micro</div><div>* Assign Refdes's</div><div>* Draw custom footprints</div><div>* Assign footprints</div><div>* Run ERC, resolve errors</div><div>* Add firmware notes sheet</div><div>* Add COM port settings note to USB sheet</div><div>* Generate netlist</div><div>* Generate BOM</div></div>			<div>Sheet: /</div> <div>File: LED_Display_Controller.sch</div> <div>Title:</div> <div>Size: ADate:KiCad E.D.A. kicad (5.0.0)</div> <div>Rev:Id: 1/32</div>		D
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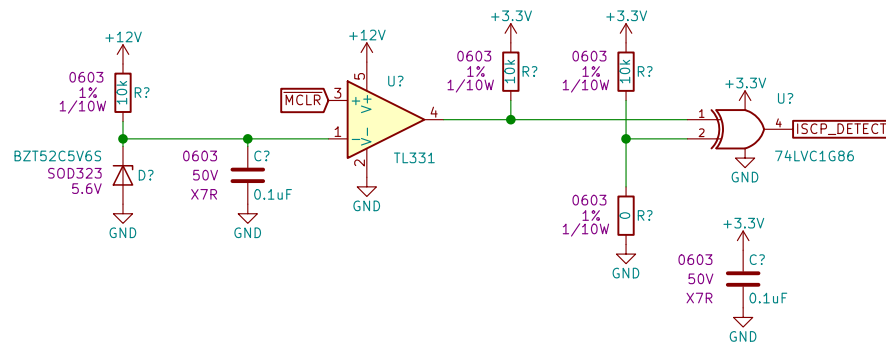
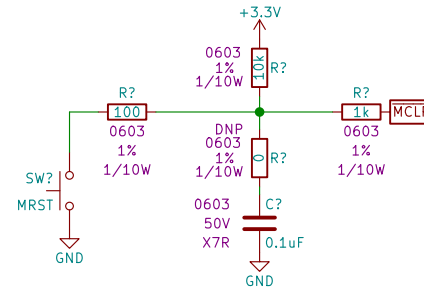
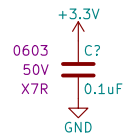
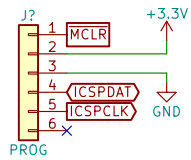
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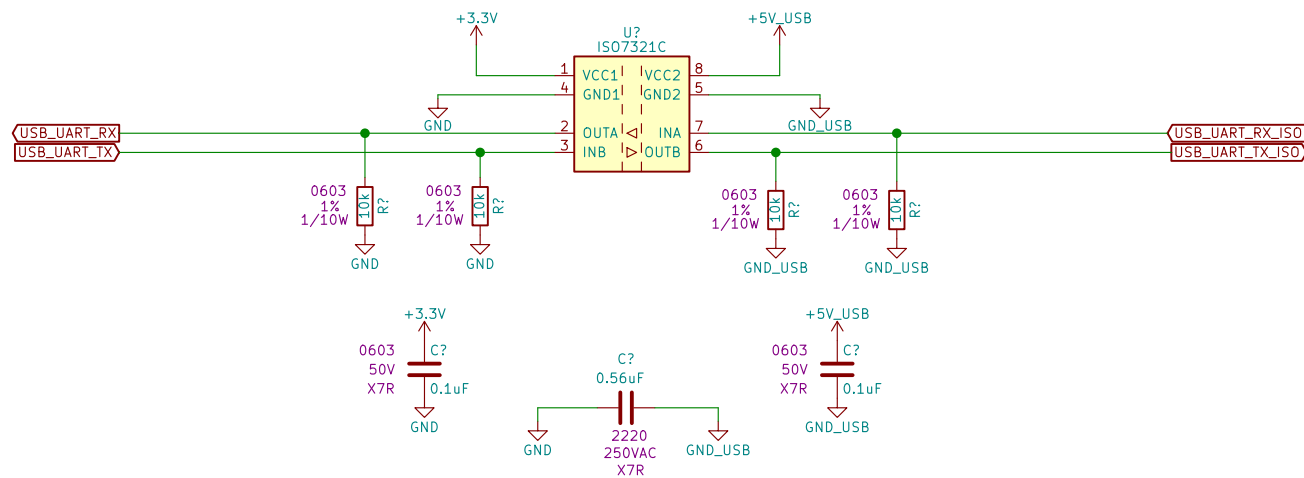
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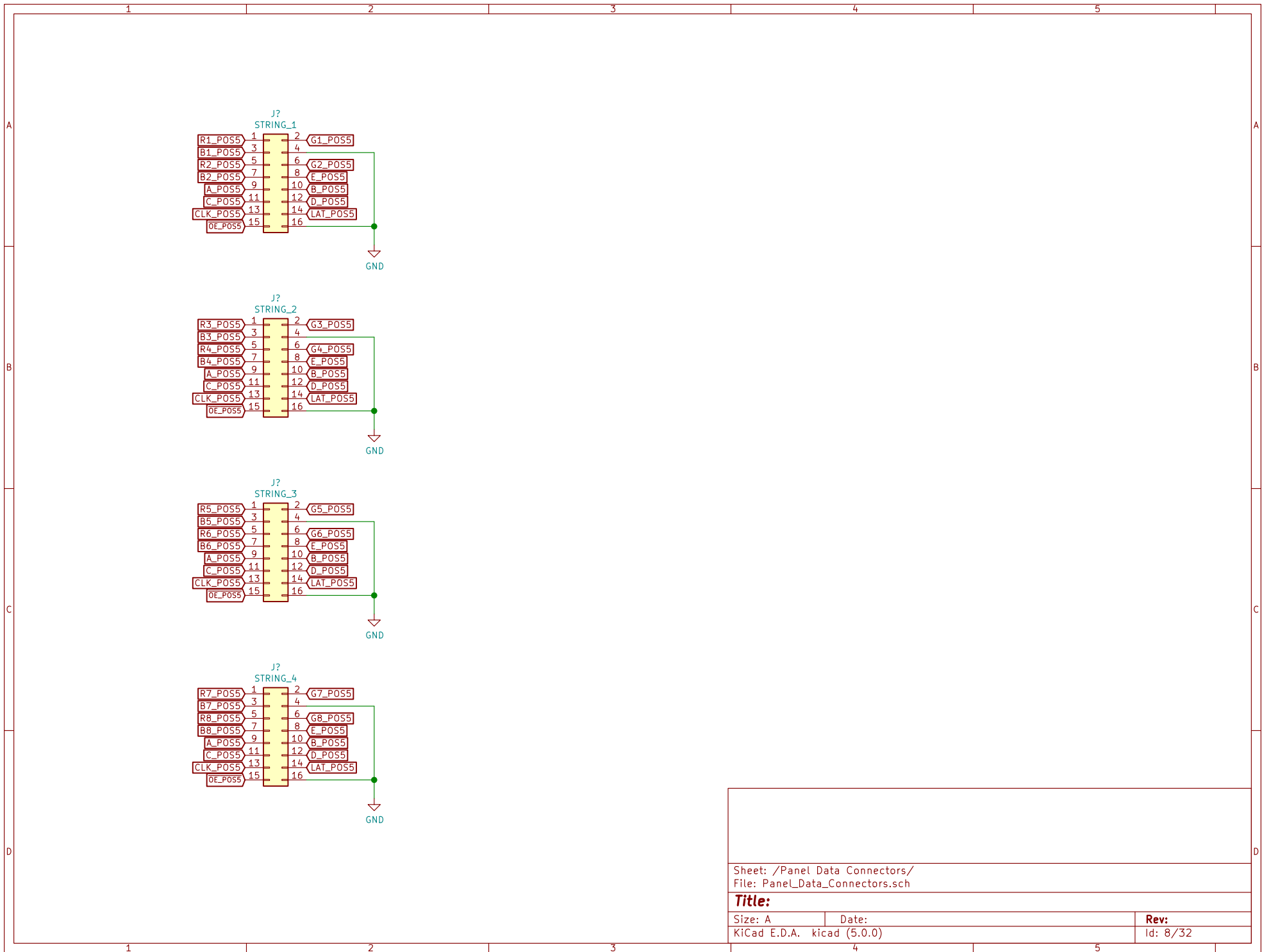
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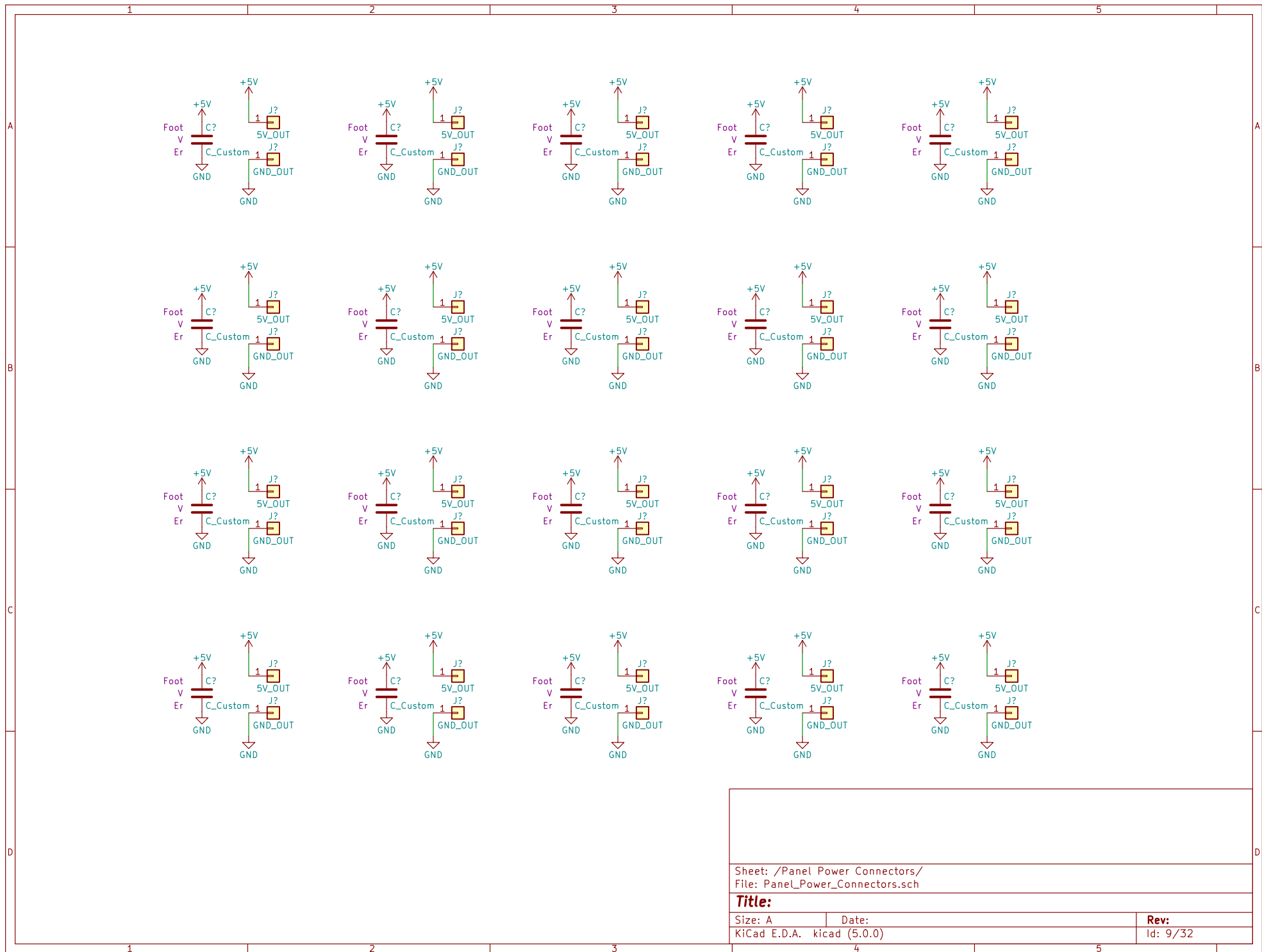


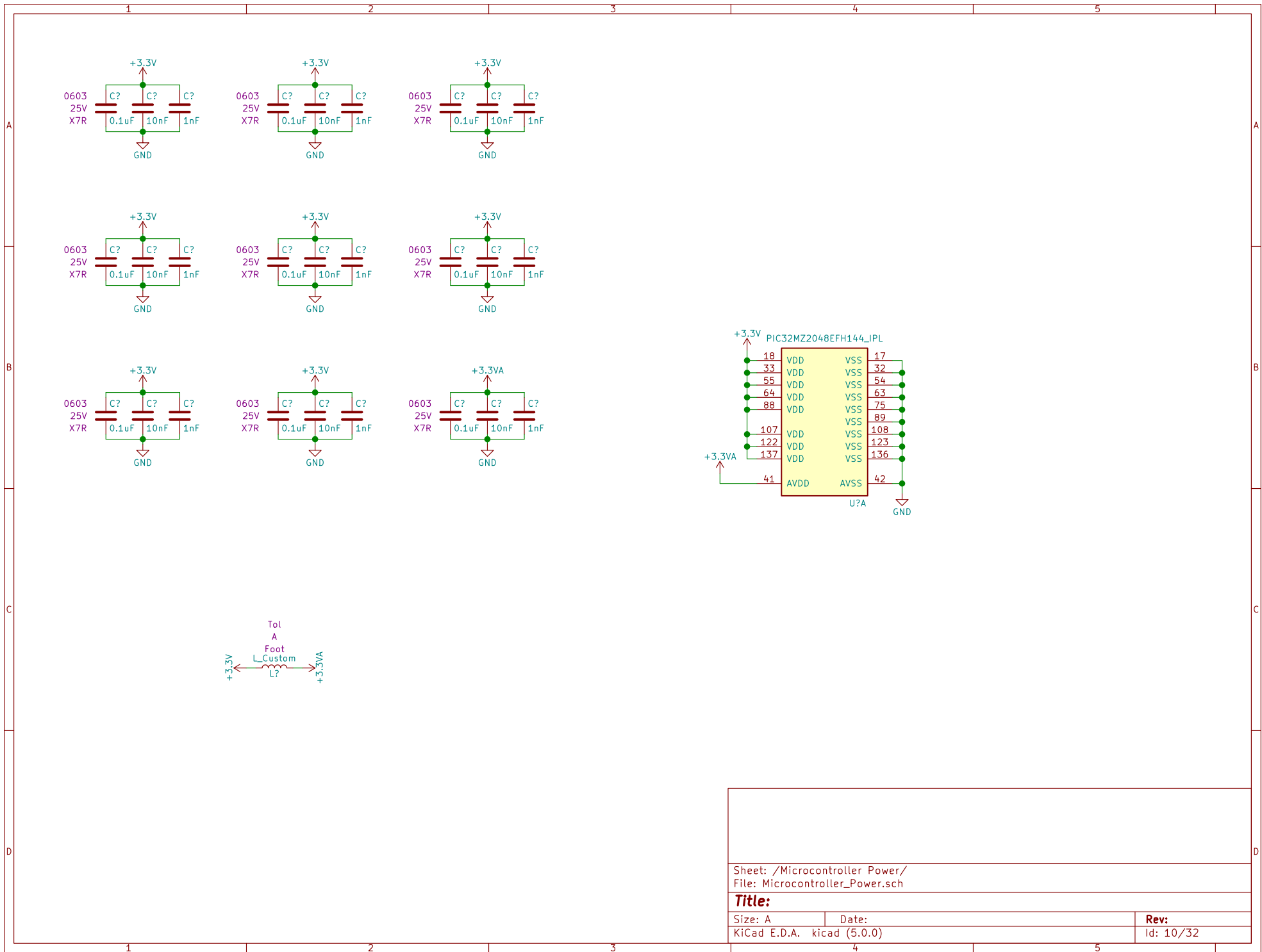
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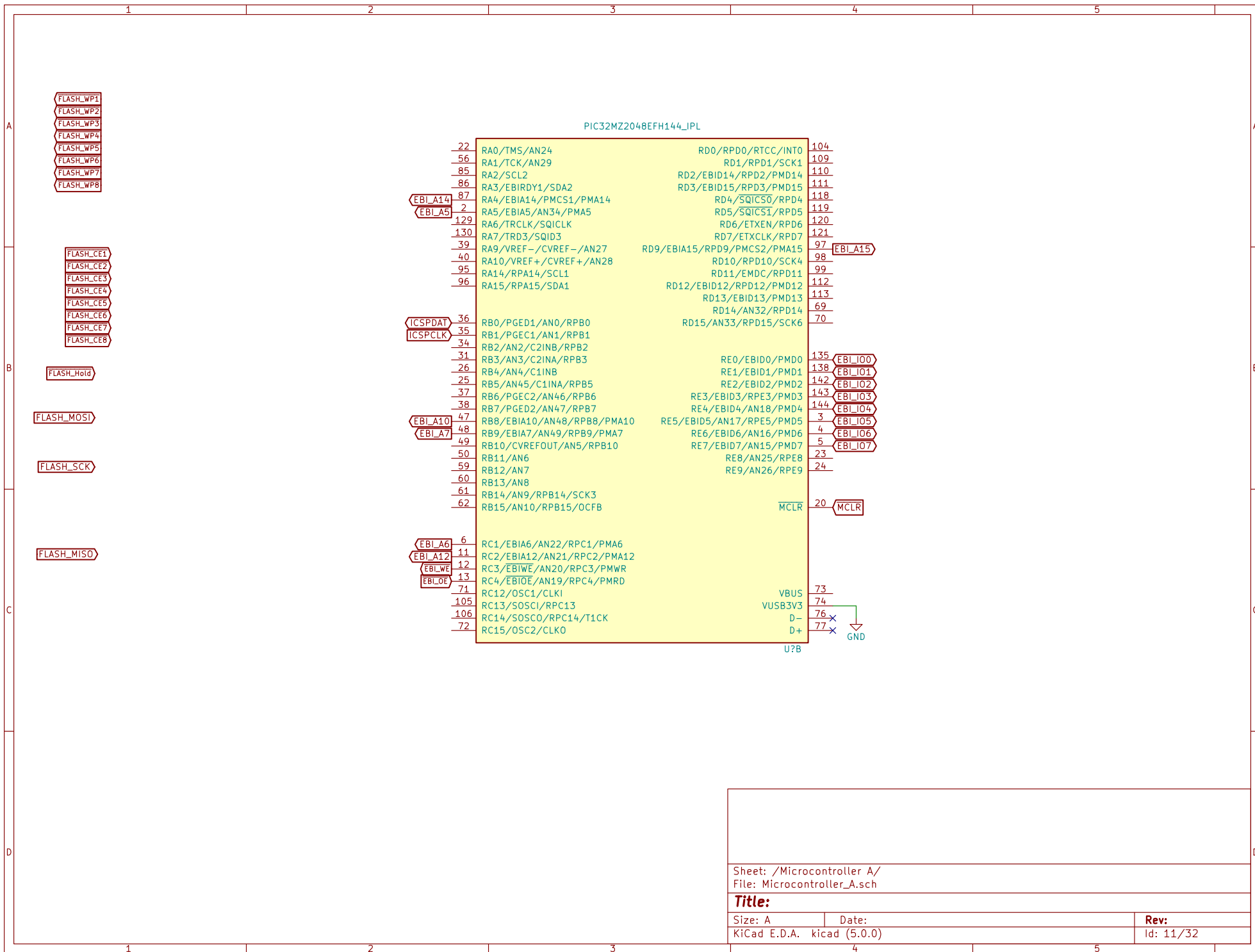
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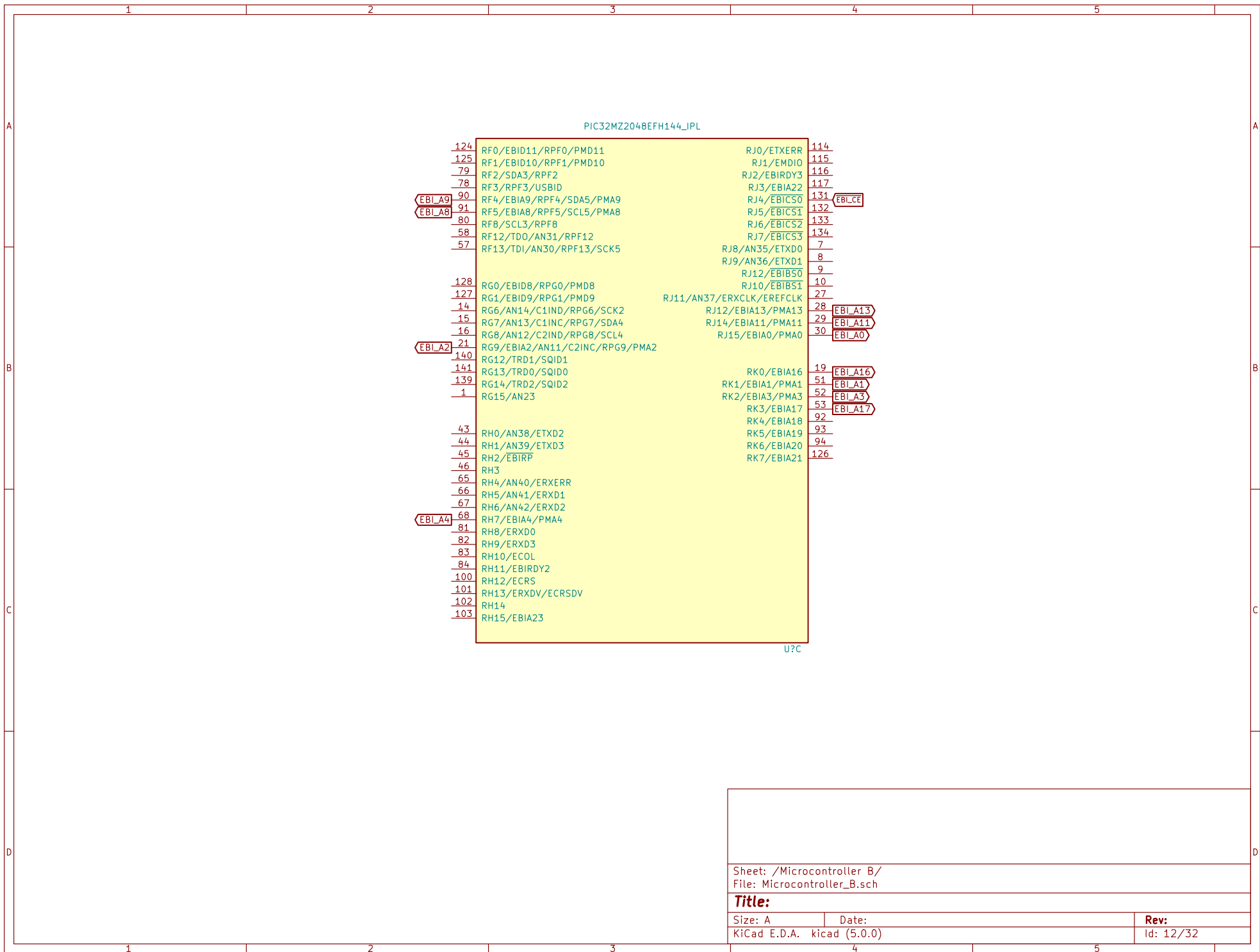
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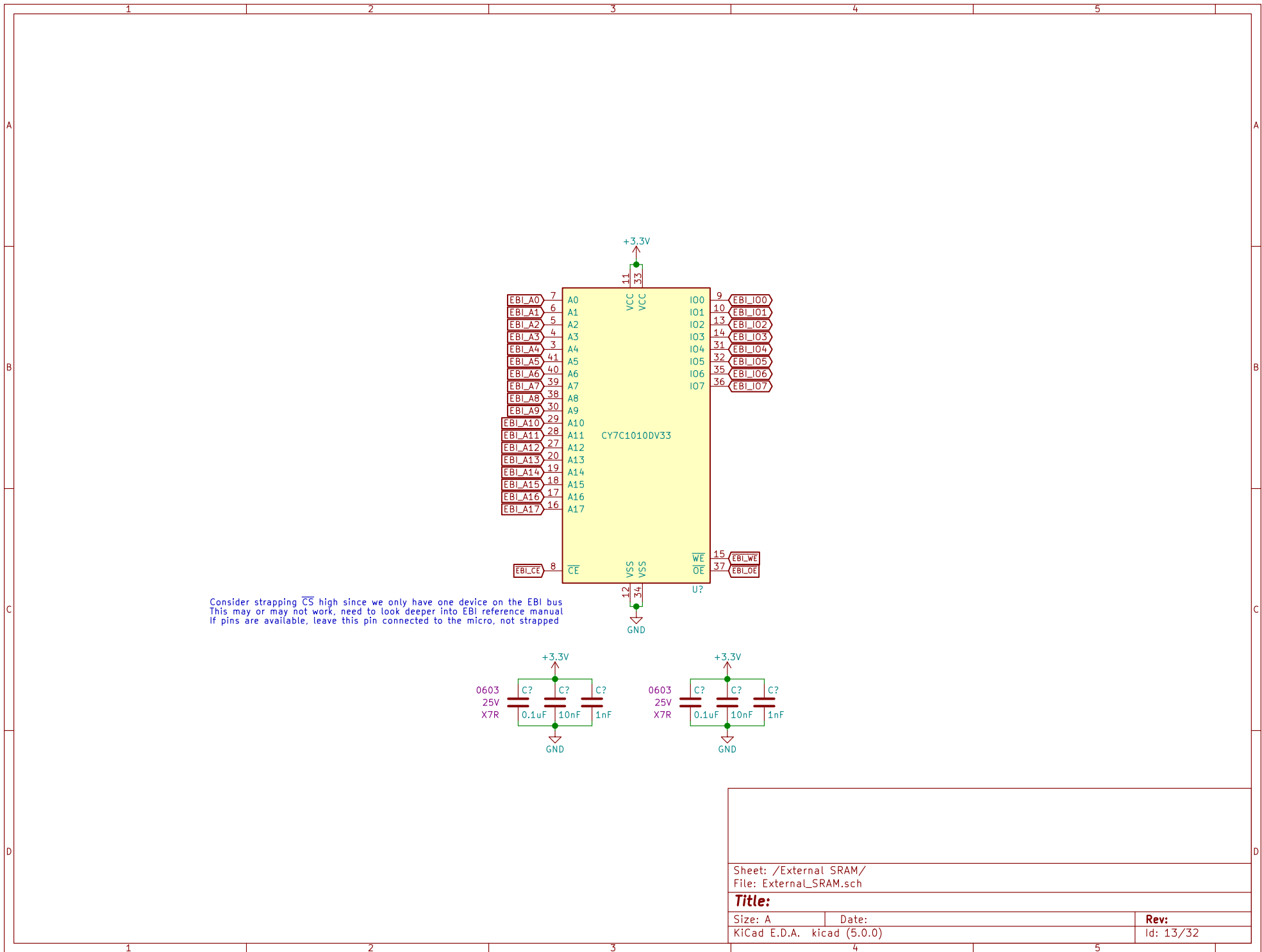
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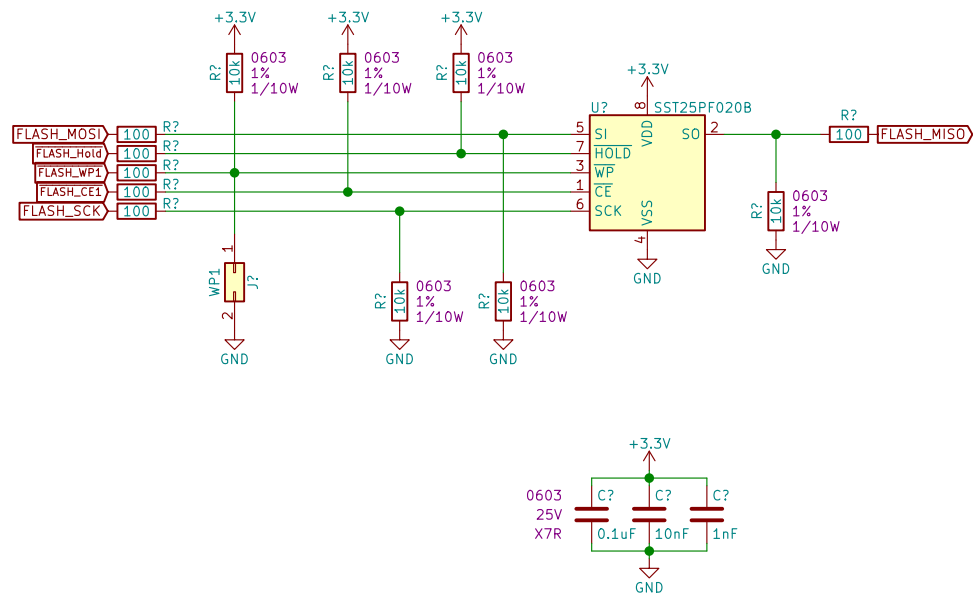




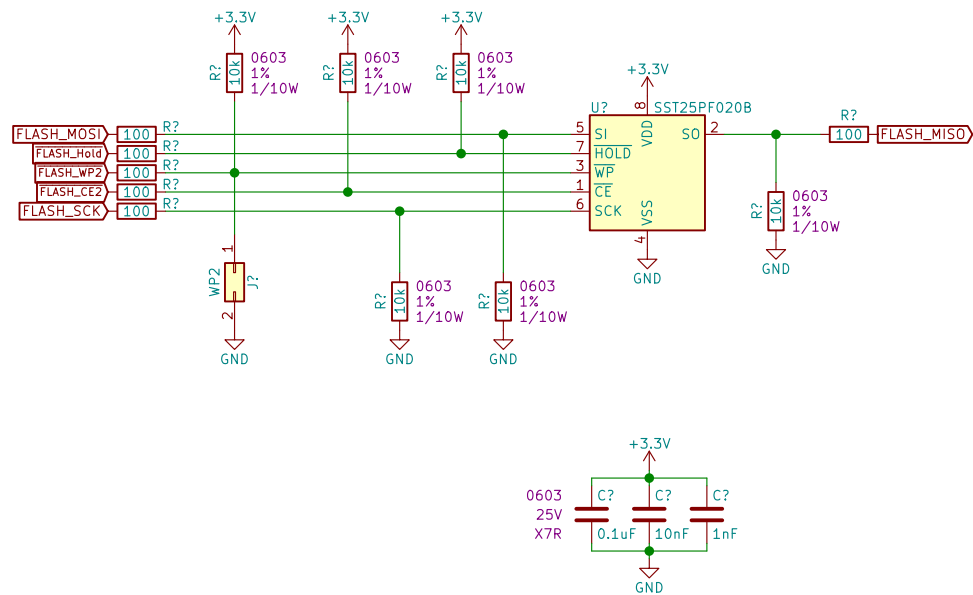








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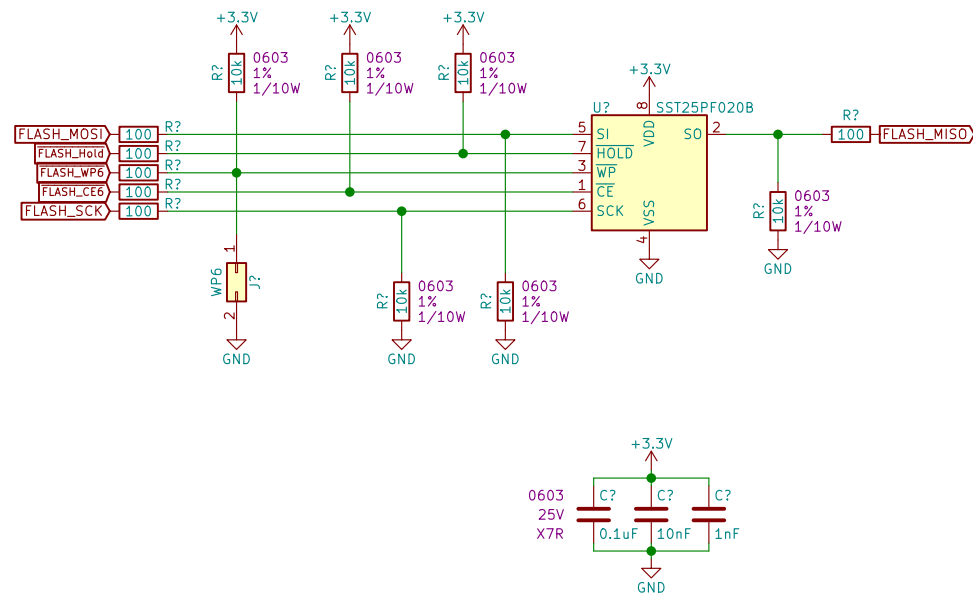


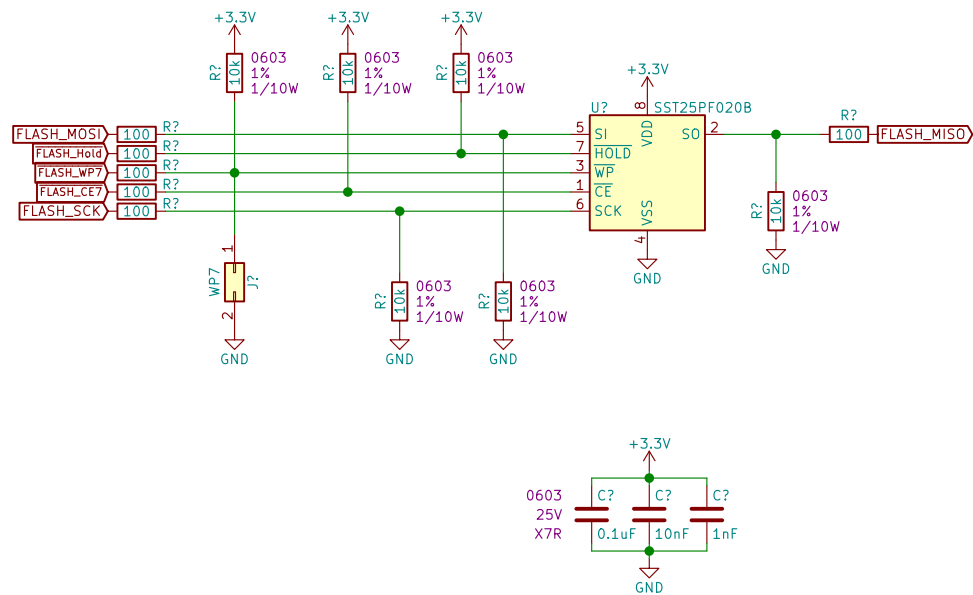
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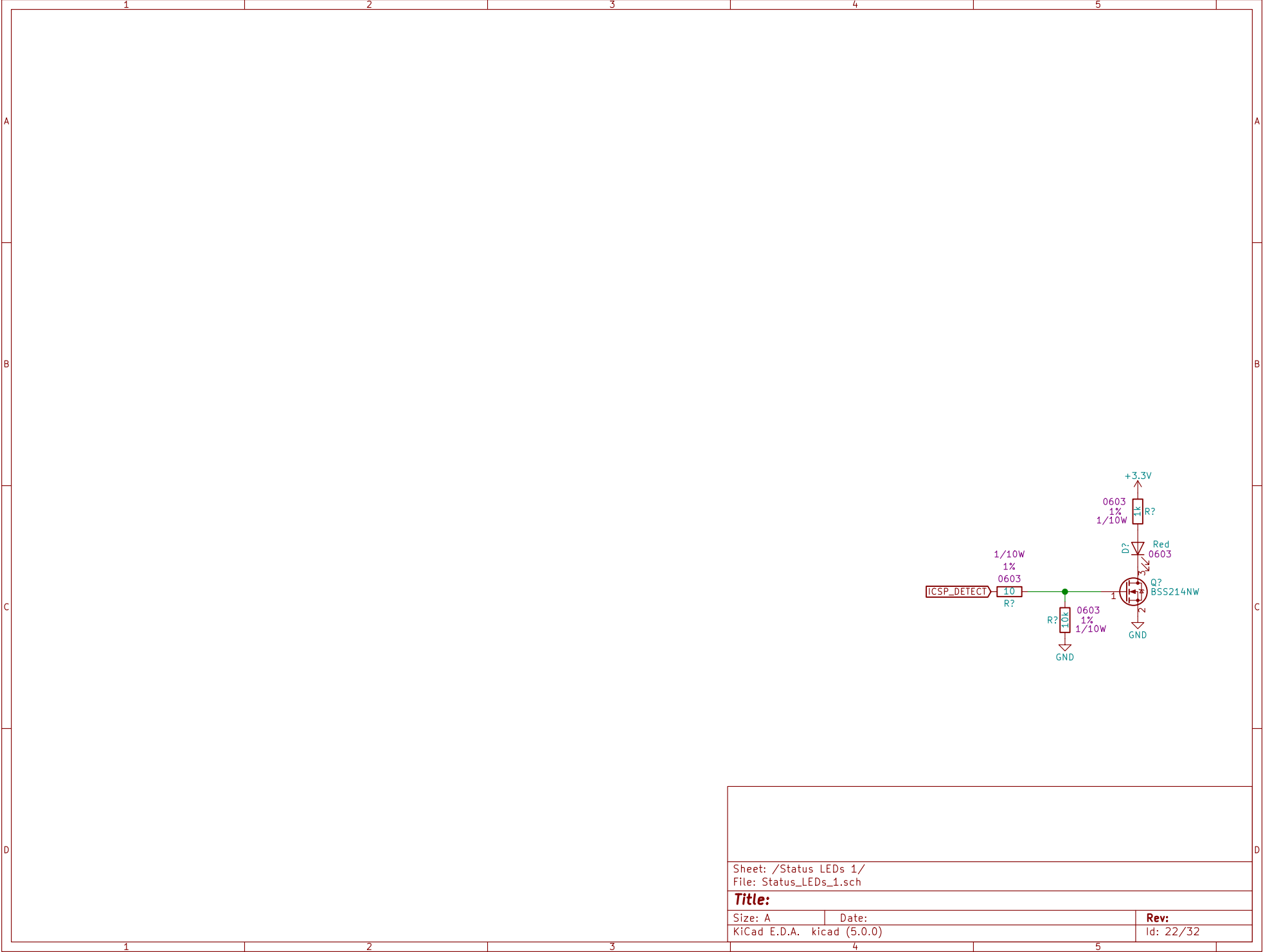


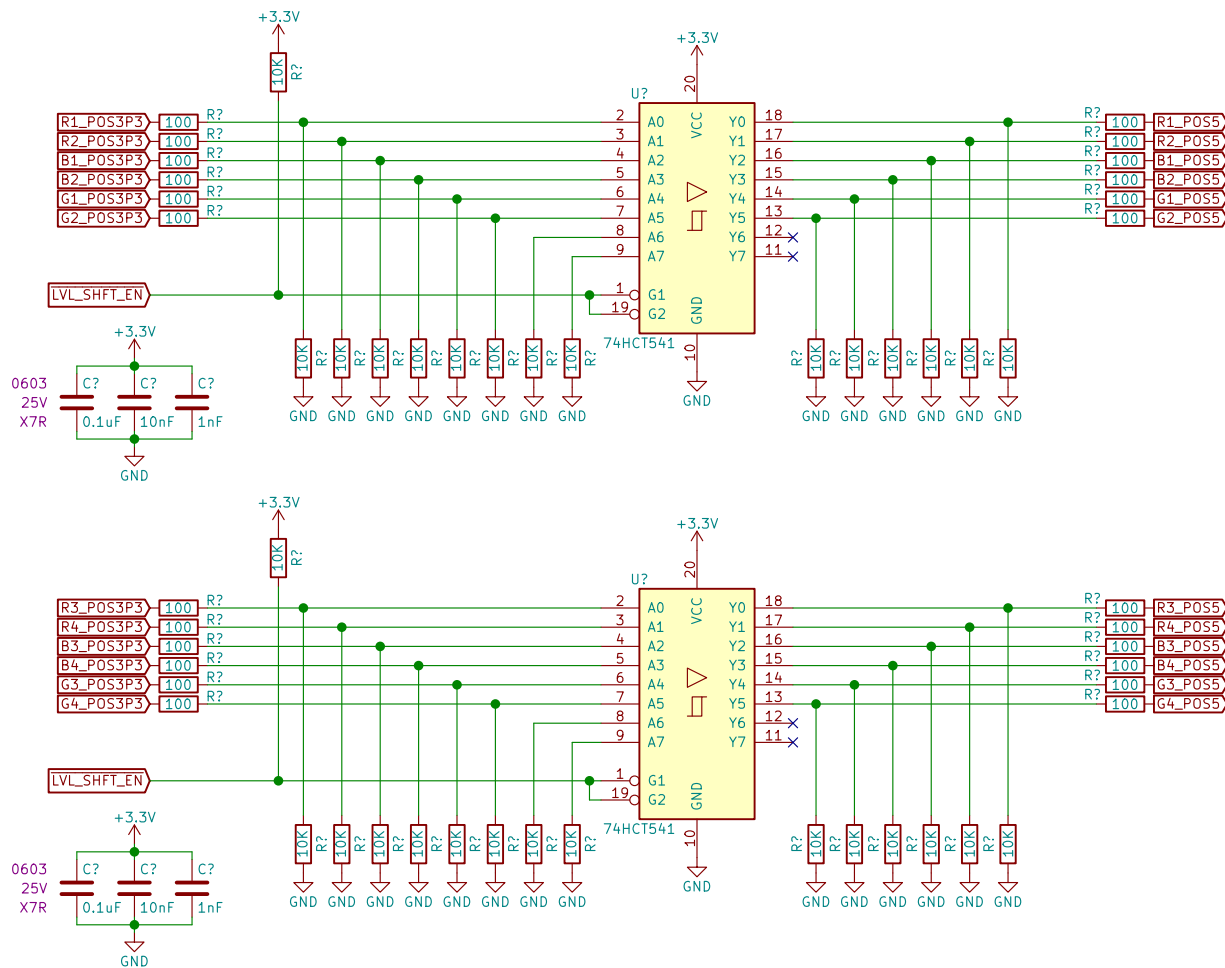
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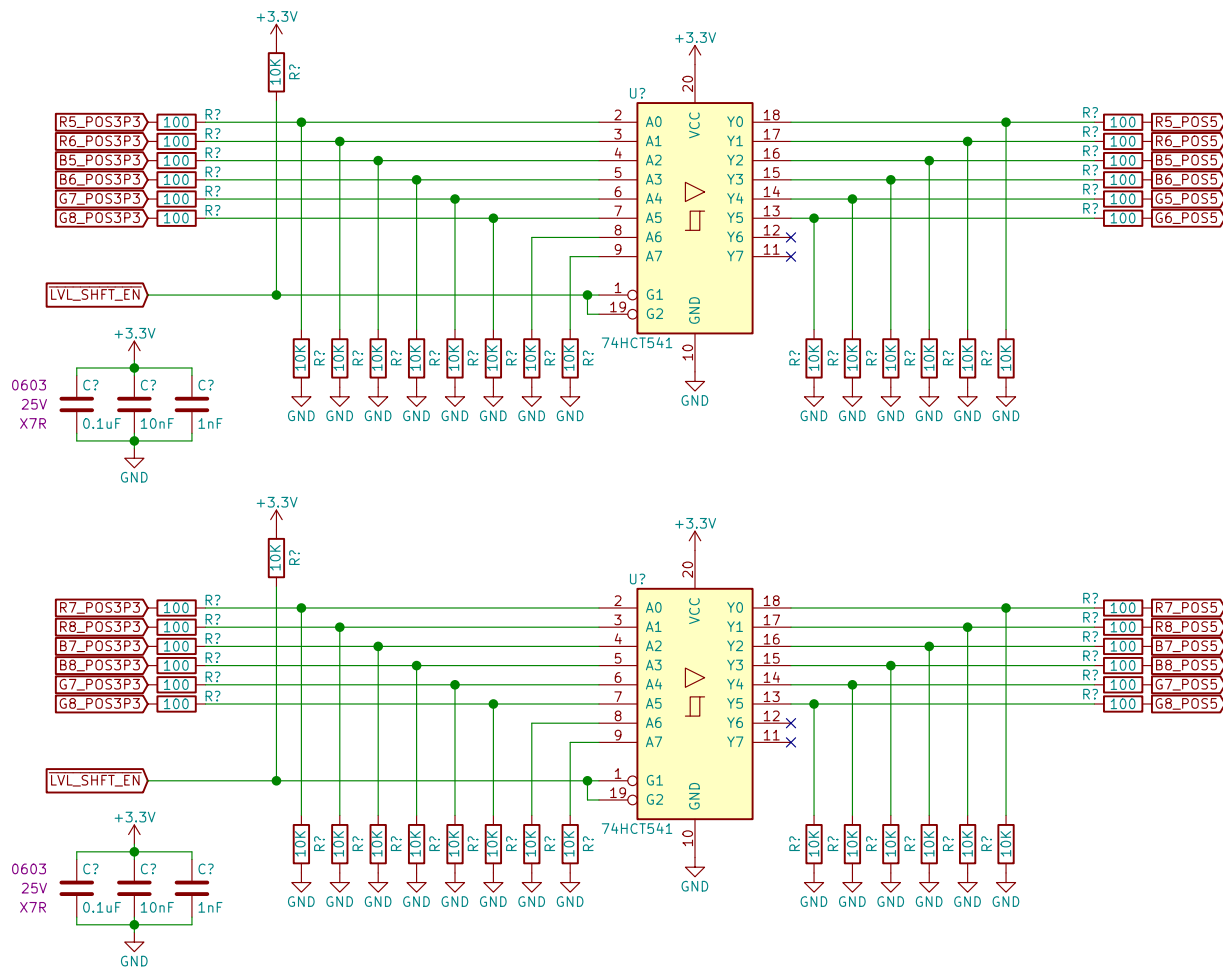


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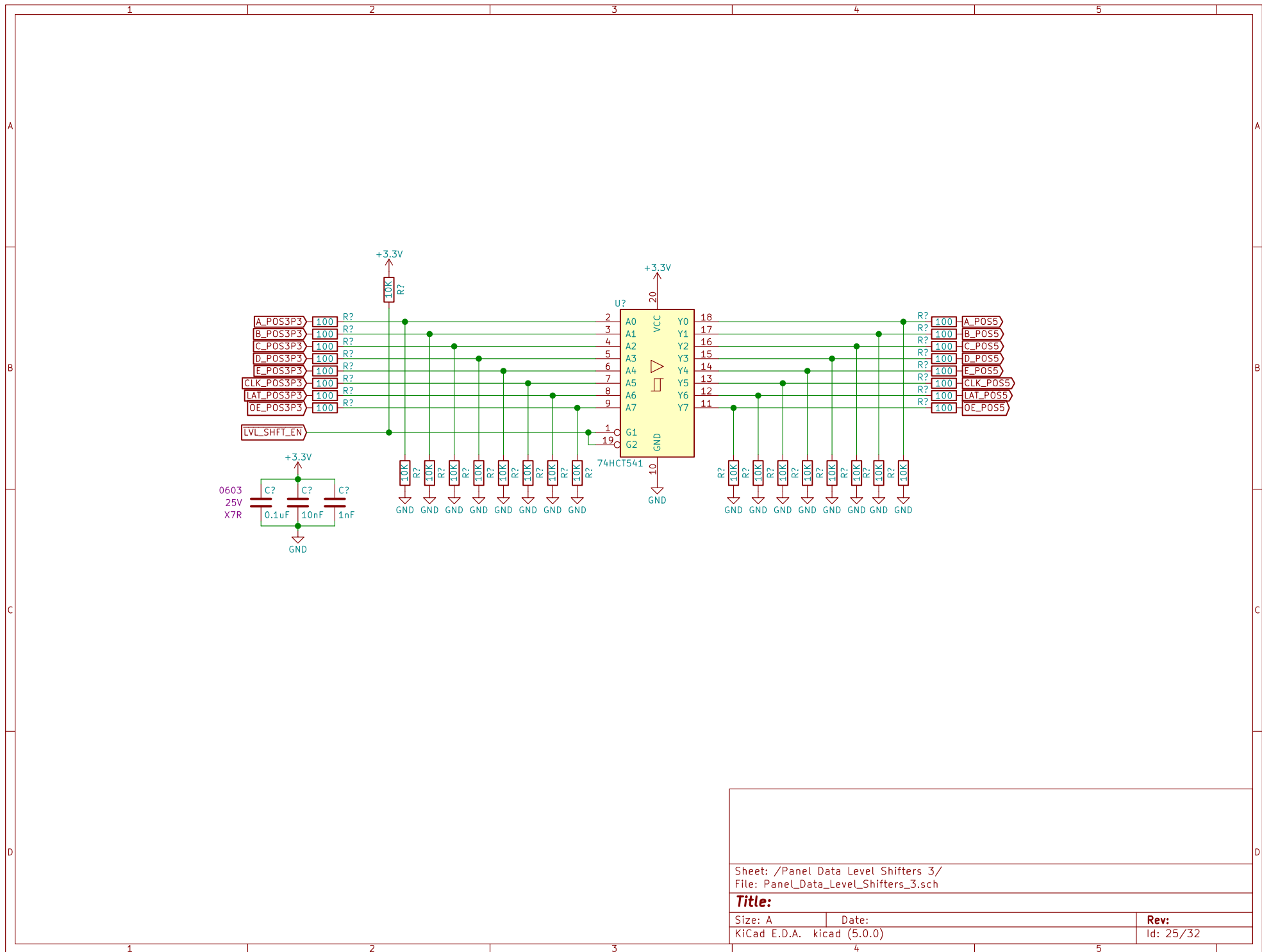


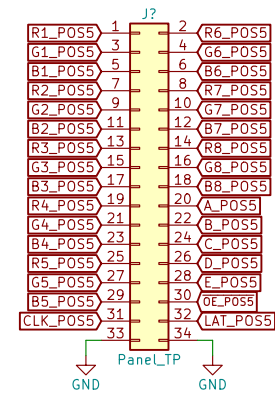
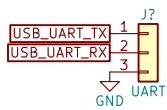
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Sheet: /Test Points/ File: Test_Points.sch		
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