

	1	2	3	4	5	
A		<div>Power Input</div> <div>Power_Input.sch</div> <div>POS3P3 Power Supply</div> <div>POS3P3_Power_Supply.sch</div> <div>Microcontroller Programming</div> <div>Microcontroller_Programming.sch</div> <div>WiFi Module</div> <div>WiFi_Module.sch</div> <div>USB UART Isolation</div> <div>USB_UART_Isolation.sch</div> <div>USB UART Bridge</div> <div>USB_UART_Bridge.sch</div> <div>Panel Data Connectors</div> <div>Panel_Data_Connectors.sch</div> <div>Panel Power Connectors</div> <div>Panel_Power_Connectors.sch</div> <div>Microcontroller Power</div> <div>Microcontroller_Power.sch</div> <div>Microcontroller A</div> <div>Microcontroller_A.sch</div> <div>Microcontroller B</div> <div>Microcontroller_B.sch</div>	<div>External SRAM</div> <div>External_SRAM.sch</div> <div>External Flash 1</div> <div>External_Flash_1.sch</div> <div>External Flash 2</div> <div>External_Flash_2.sch</div> <div>External Flash 3</div> <div>External_Flash_3.sch</div> <div>External Flash 4</div> <div>External_Flash_4.sch</div> <div>External Flash 5</div> <div>External_Flash_5.sch</div> <div>External Flash 6</div> <div>External_Flash_6.sch</div> <div>External Flash 7</div> <div>External_Flash_7.sch</div> <div>External Flash 8</div> <div>External_Flash_8.sch</div> <div>Status LEDs 1</div> <div>Status_LEDs_1.sch</div> <div>Panel Data Level Shifters 1</div> <div>Panel_Data_LevelShifters_1.sch</div> <div>Panel Data Level Shifters 2</div> <div>Panel_Data_LevelShifters_2.sch</div> <div>Panel Data Level Shifters 3</div> <div>Panel_Data_LevelShifters_3.sch</div> <div>Test Points</div> <div>Test_Points.sch</div>	<div>POS5 Control</div> <div>POS5_Control.sch</div> <div>POS5 Phase 1</div> <div>POS5_Phase_1.sch</div> <div>POS5 Phase 2</div> <div>POS5_Phase_2.sch</div> <div>POS5 Phase 3</div> <div>POS5_Phase_3.sch</div> <div>POS5 Phase 4</div> <div>POS5_Phase_4.sch</div> <div>POS5P5 MNG</div> <div>POS5P5_MNG.sch</div>		
B						
C						
D		<div>To Do List:</div> <div>* Mechanical sheet</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>* Add 5V Monitoring</div> <div>* Wi-Fi Module</div> <div>* Evaluate Micro AVDD/AVSS filter</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>				
	1	2	3	4	5	

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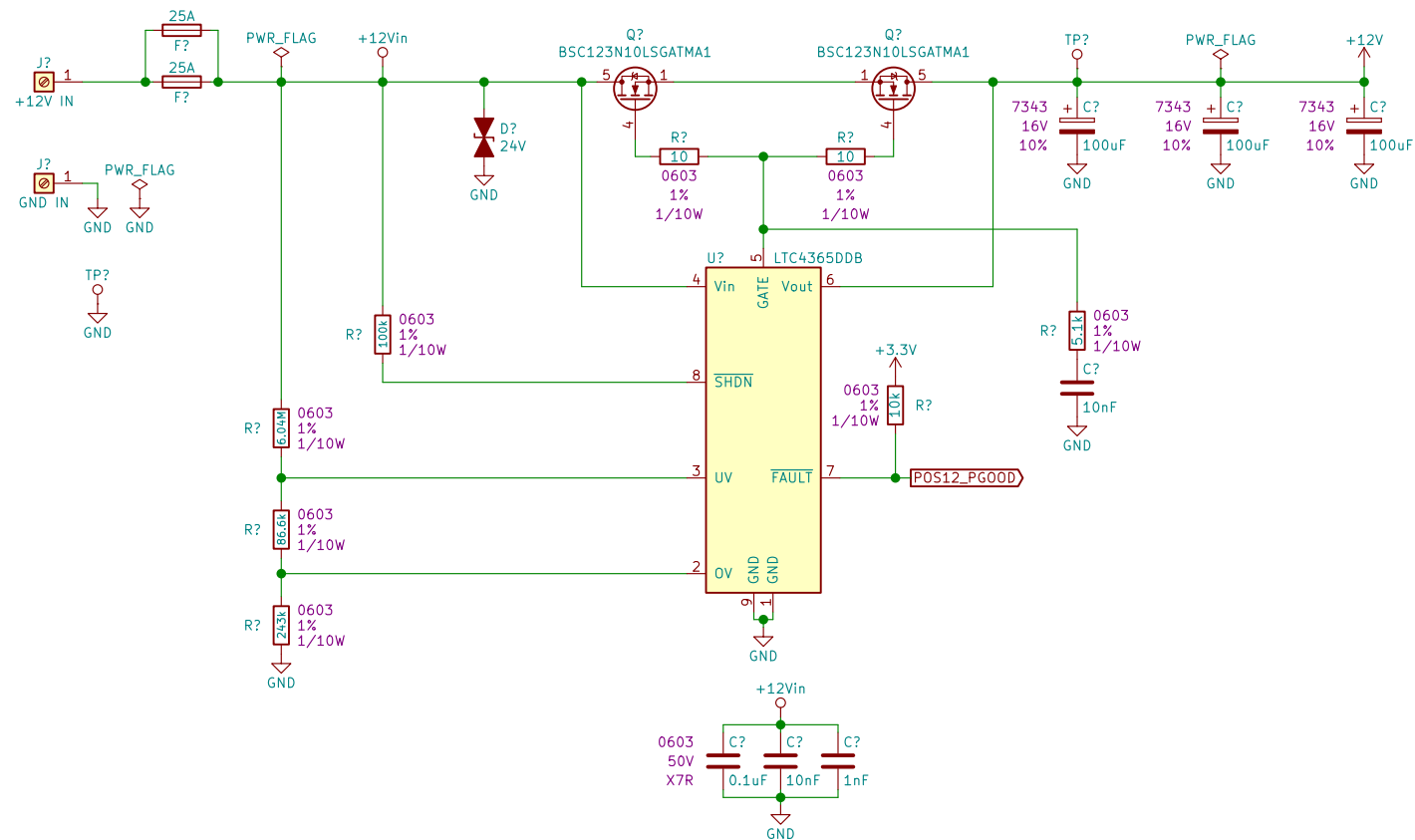
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Power Input



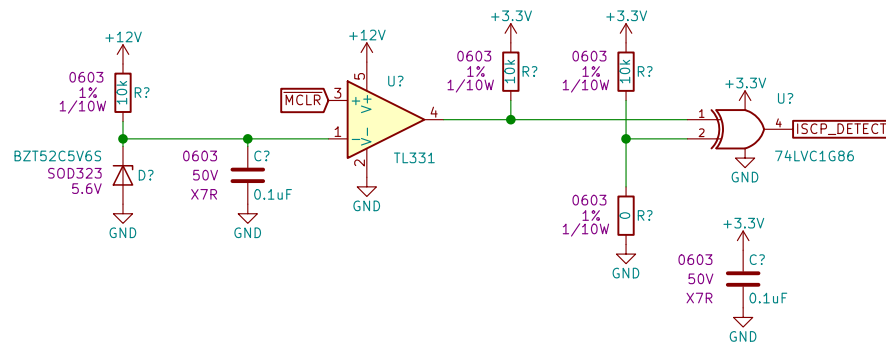
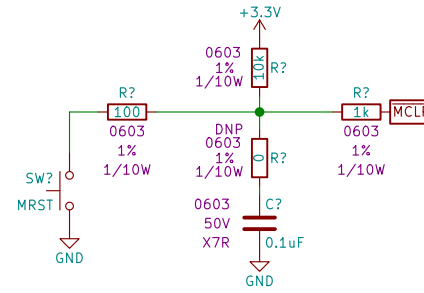
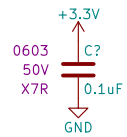
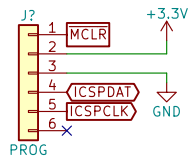
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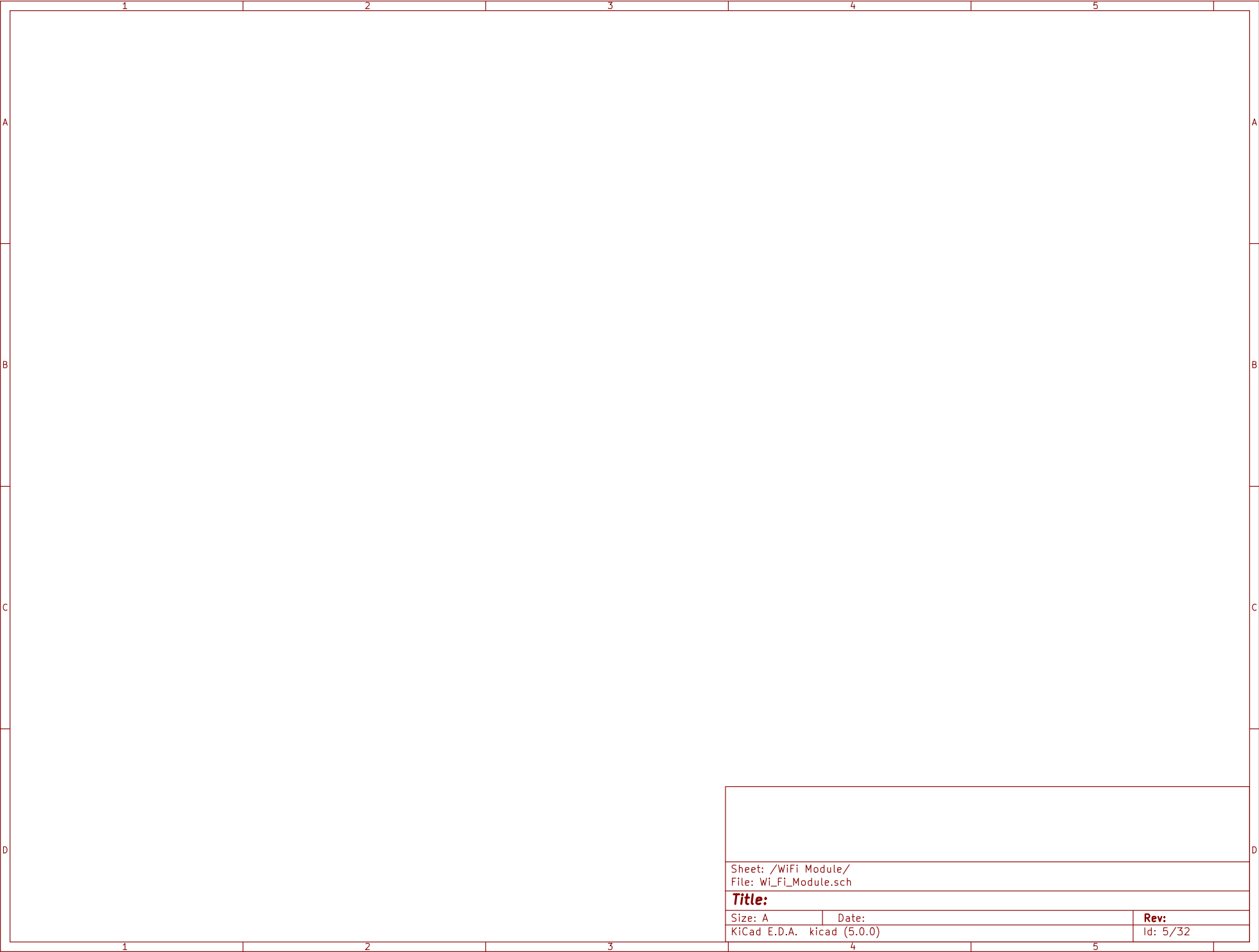


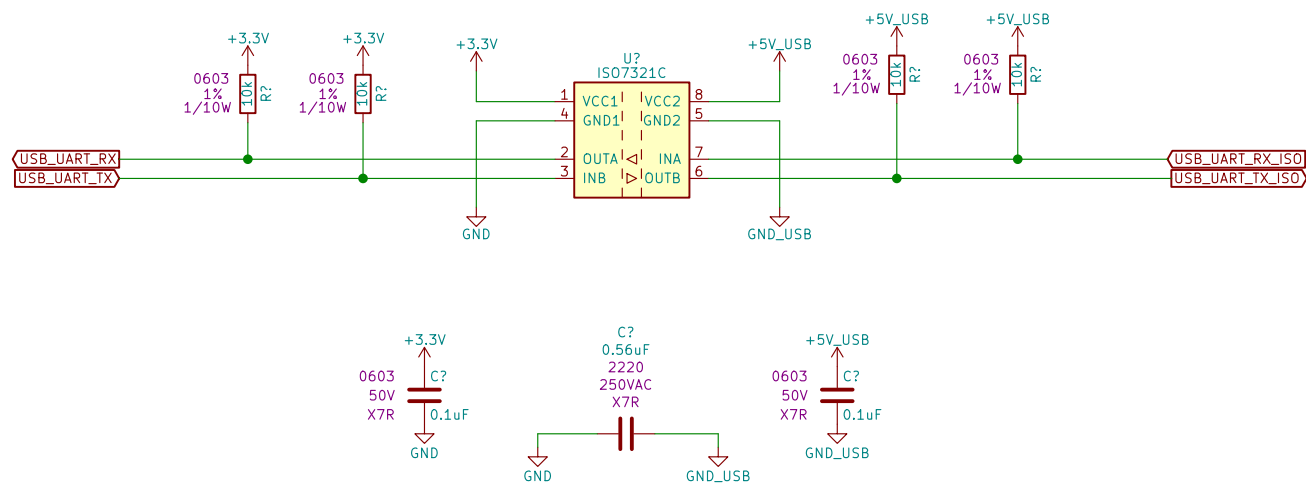
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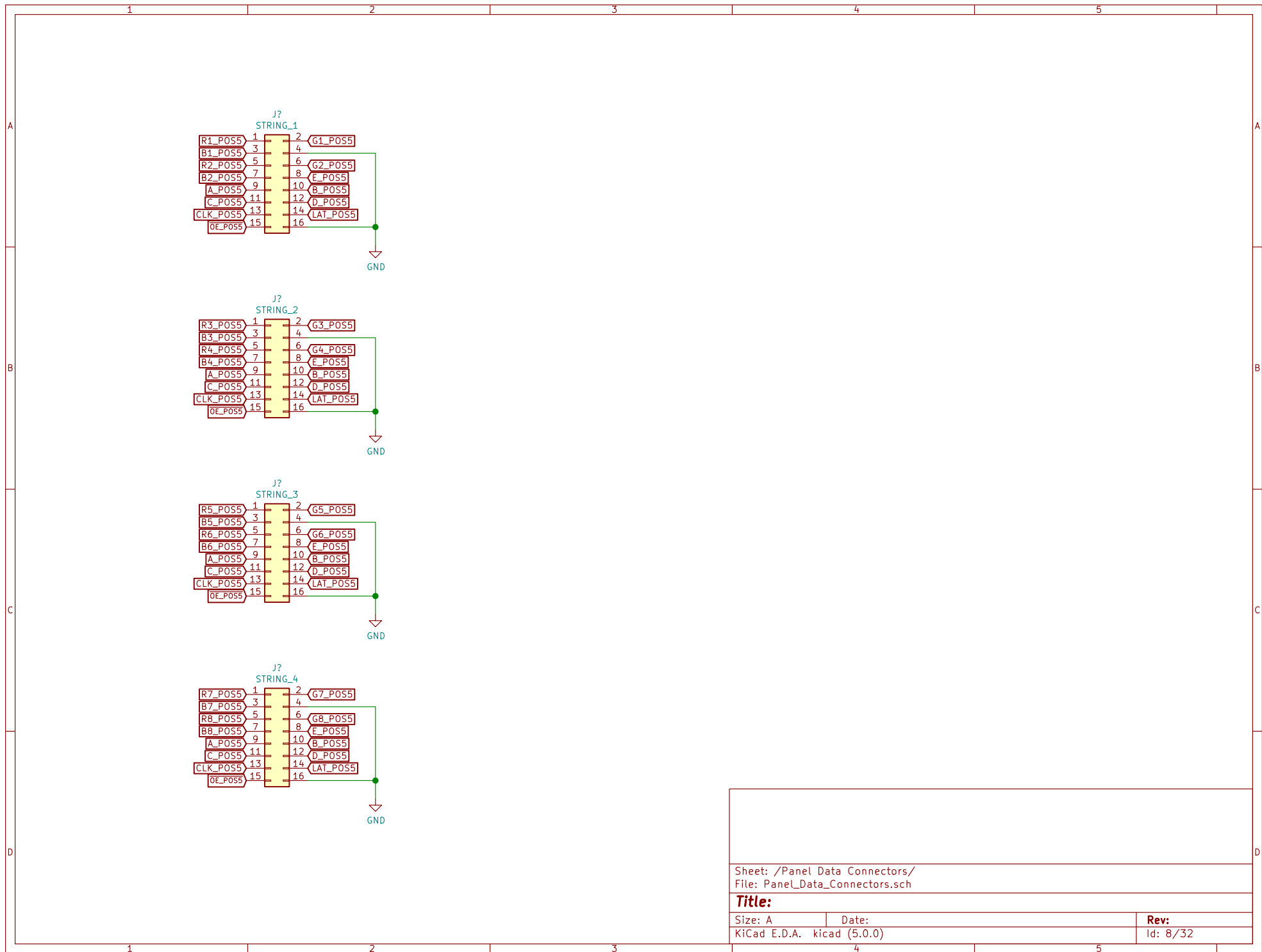
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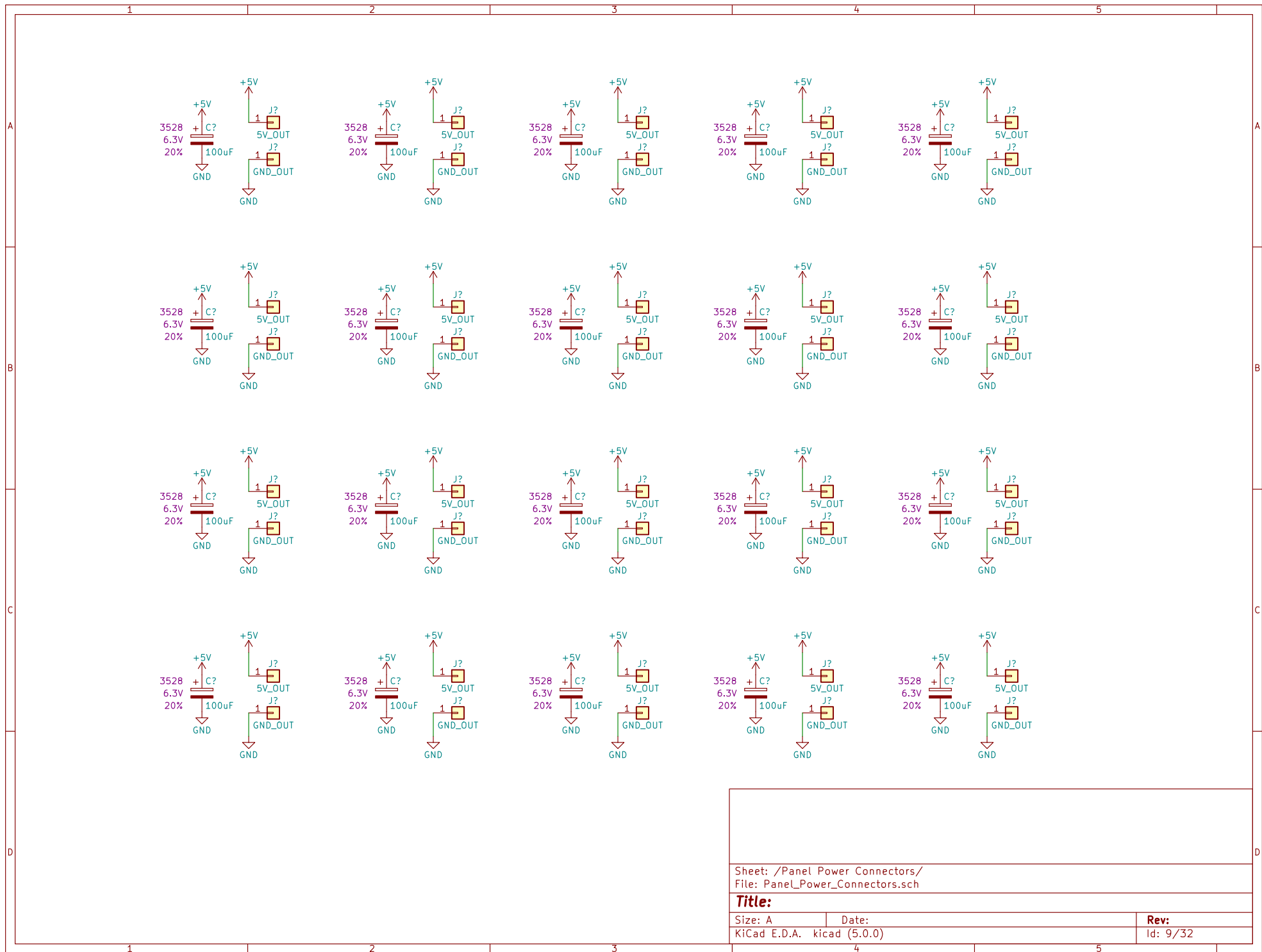
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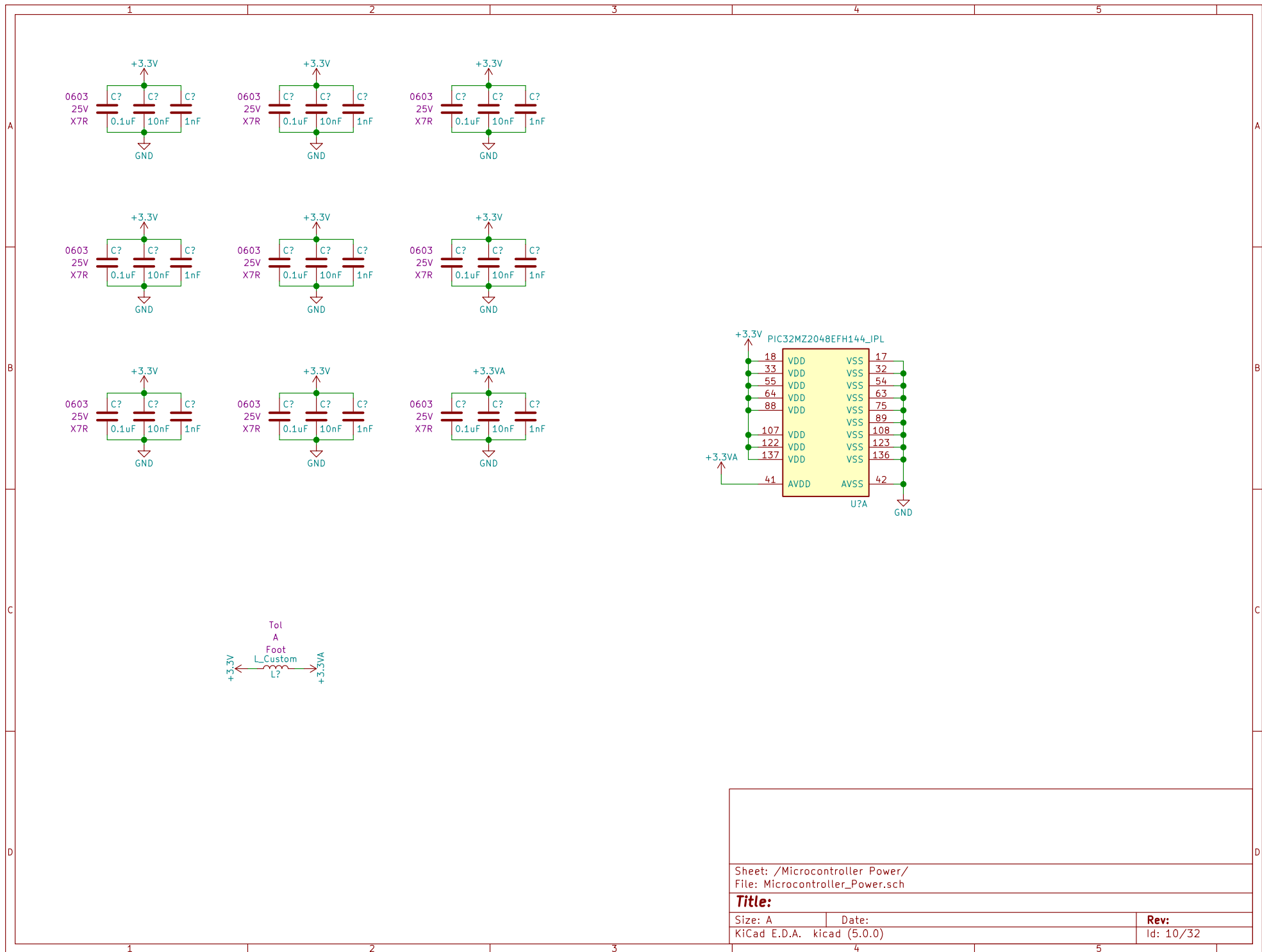
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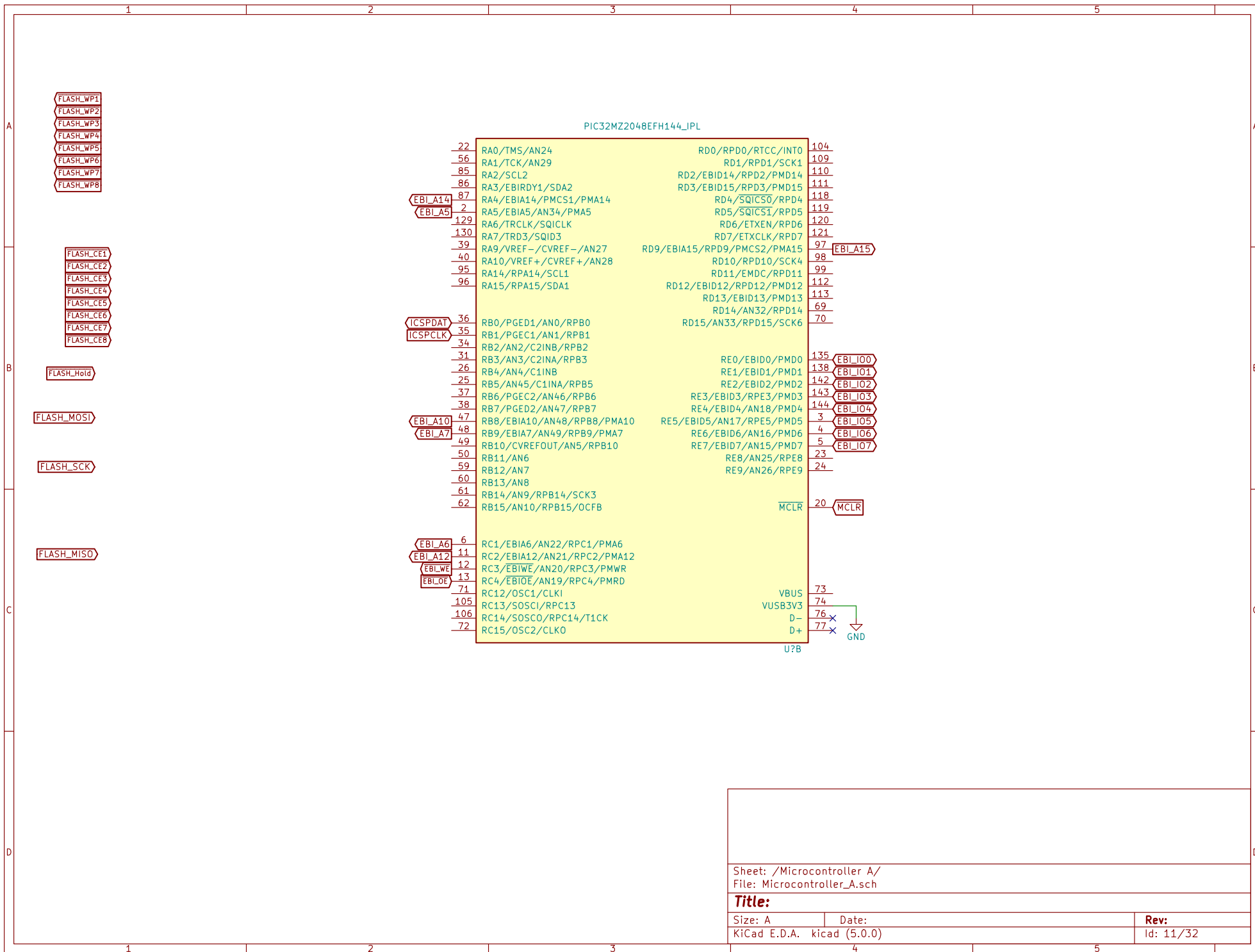
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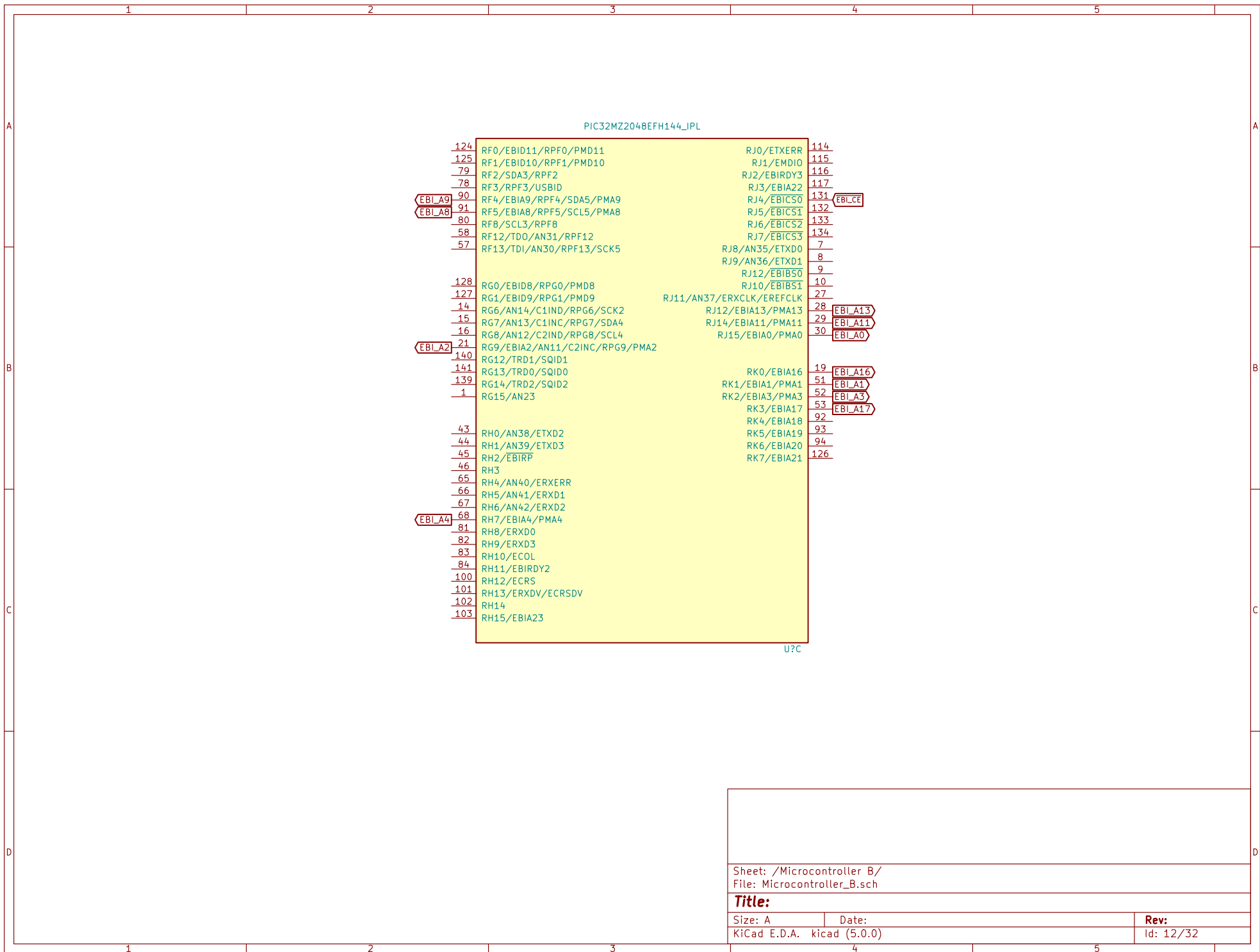


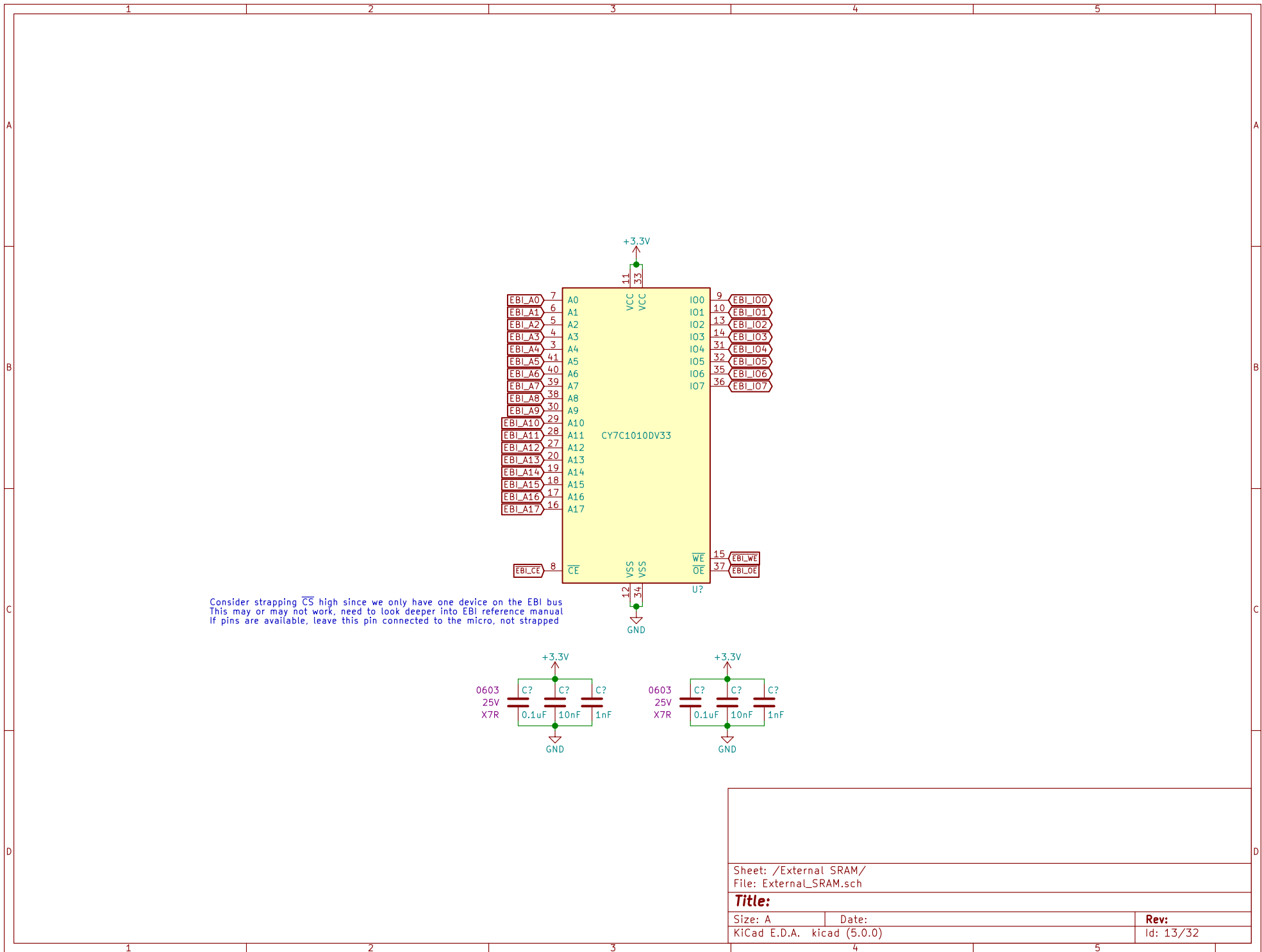
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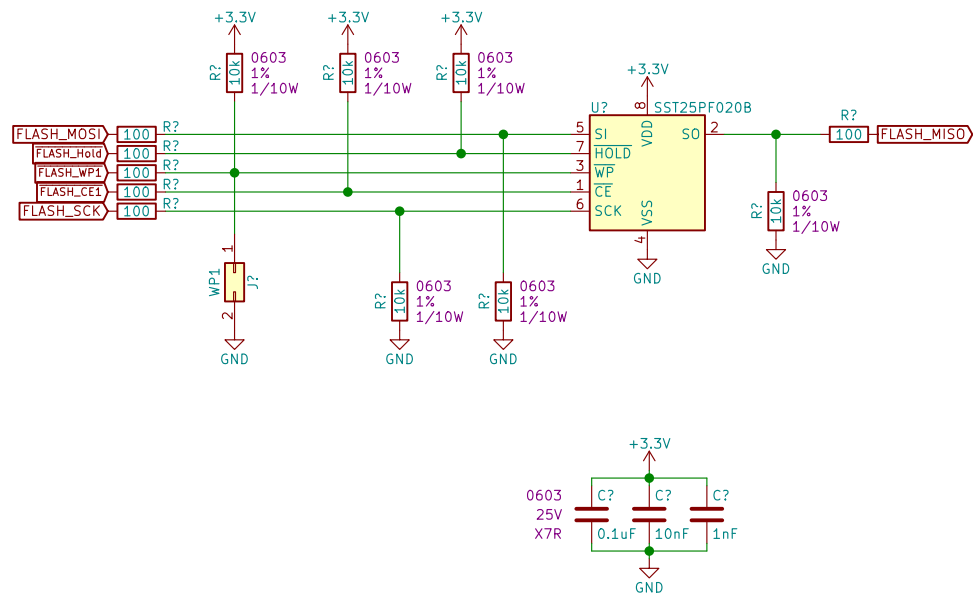






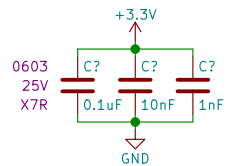
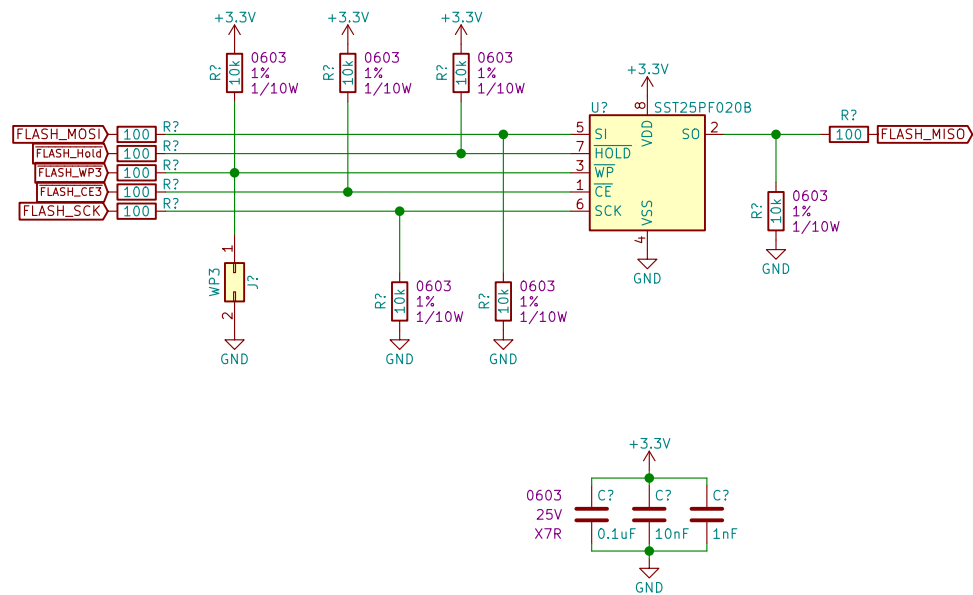






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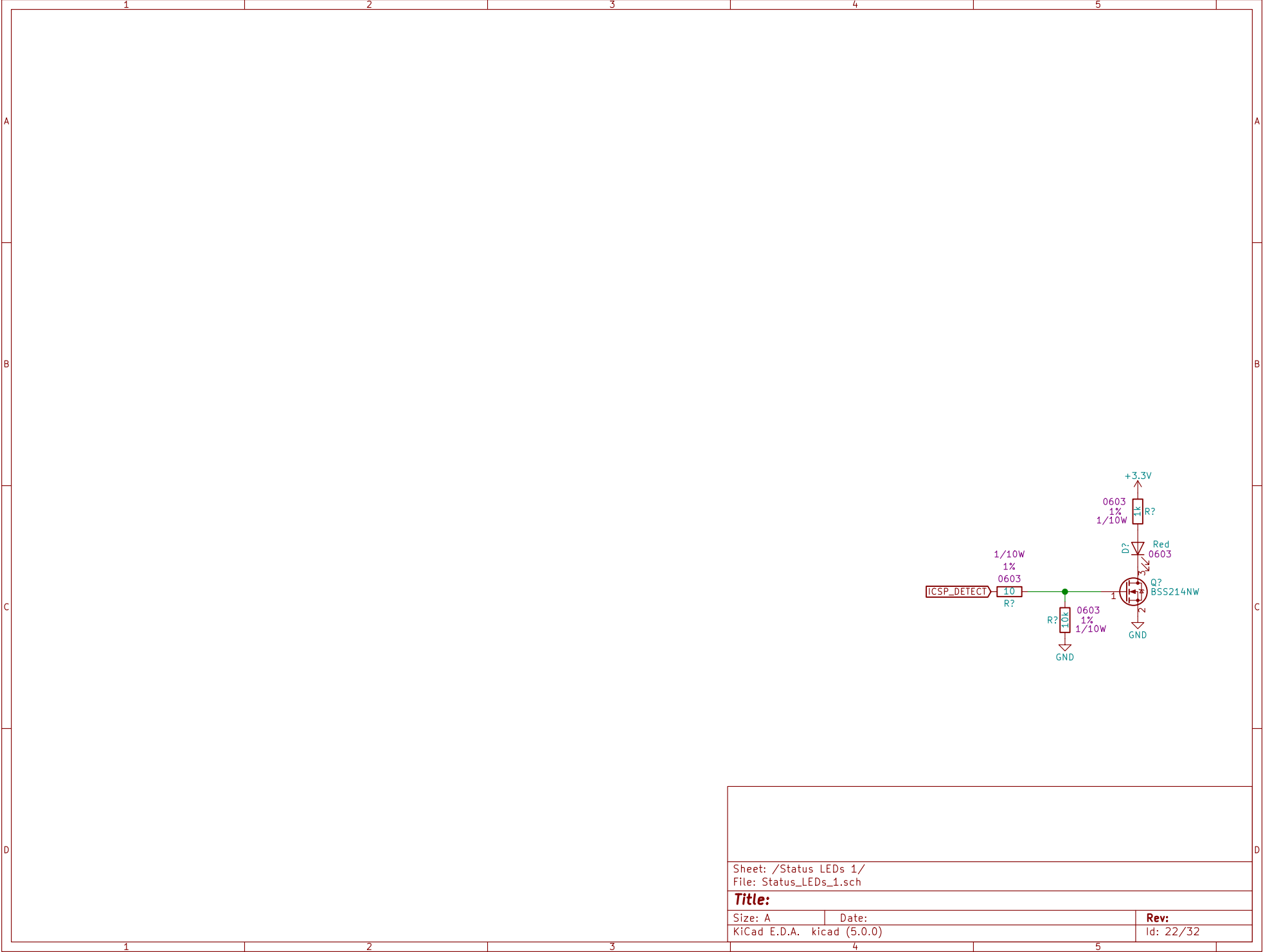


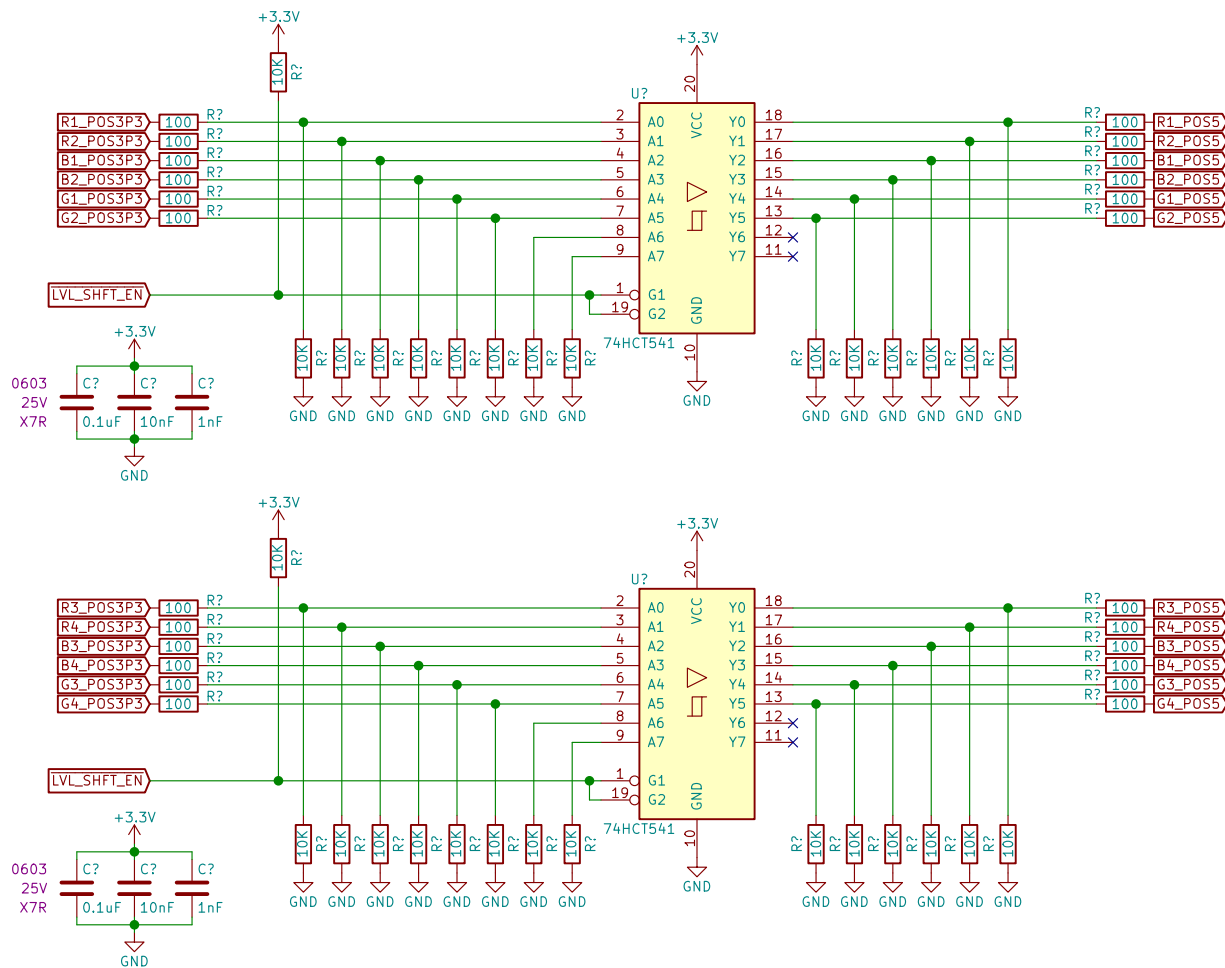










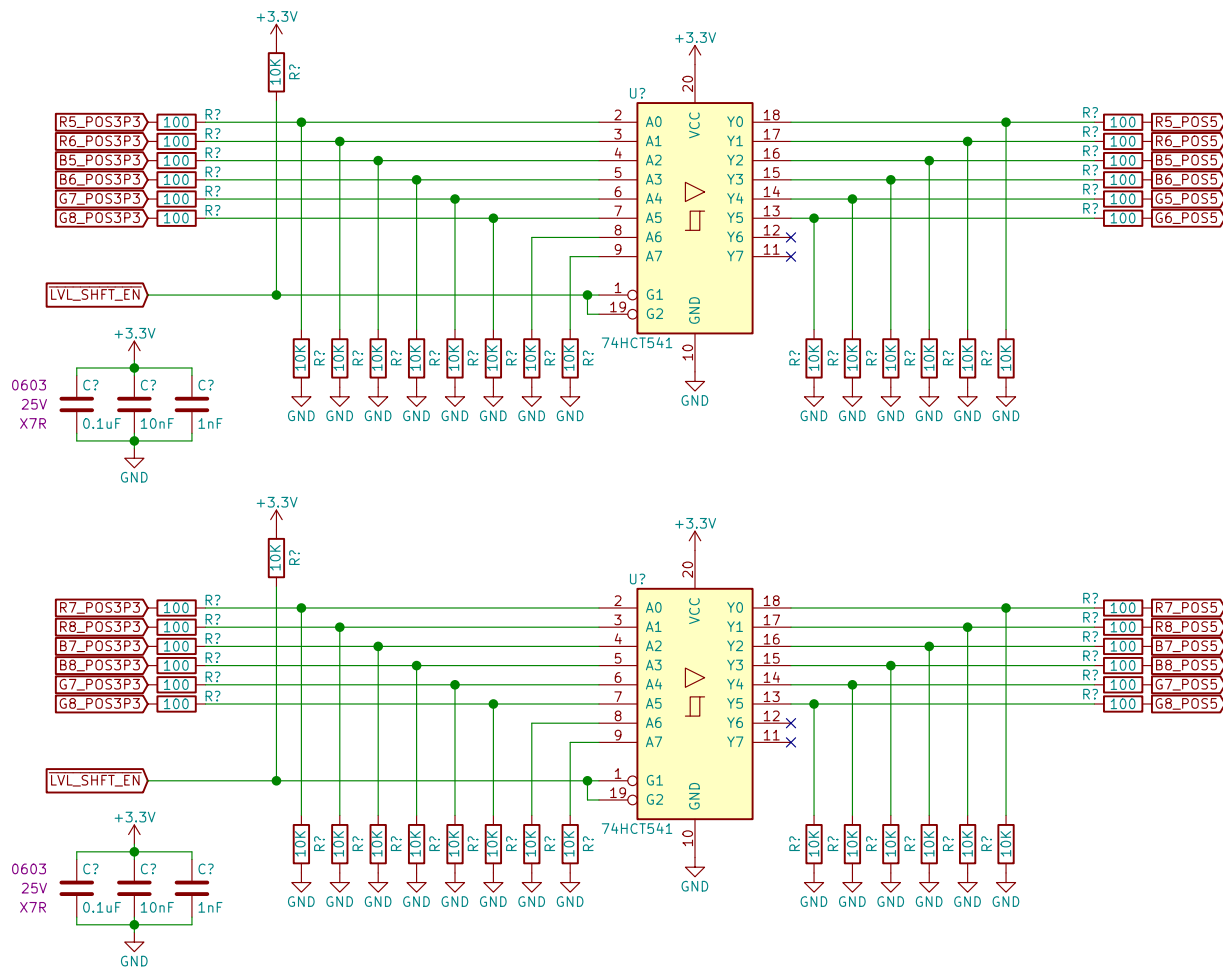


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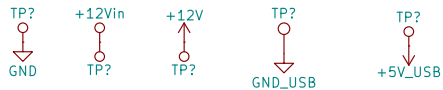
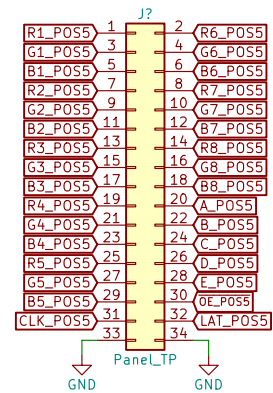
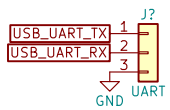
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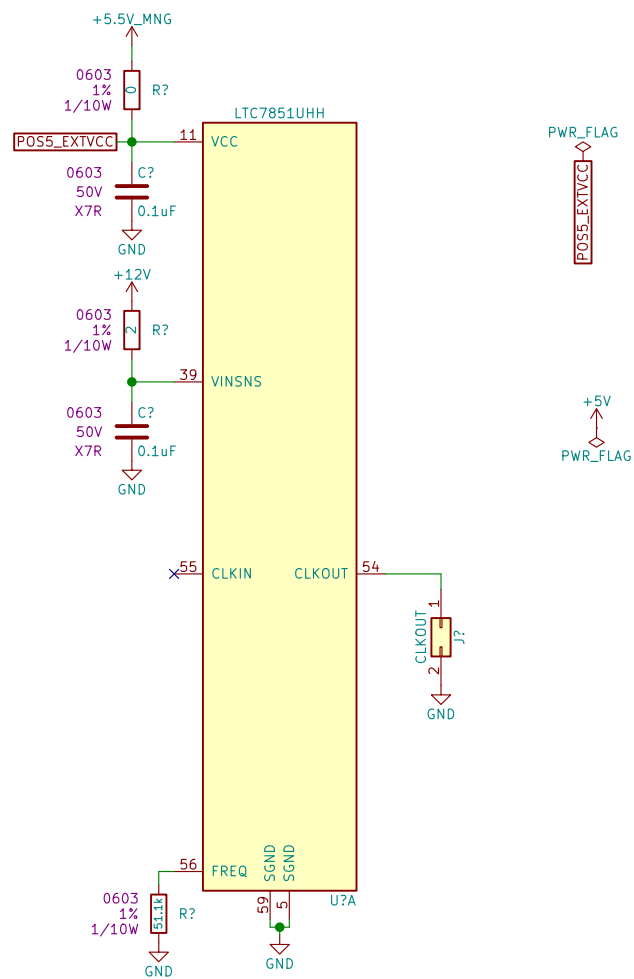
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+5V Control



Sheet: /POS5 Control/
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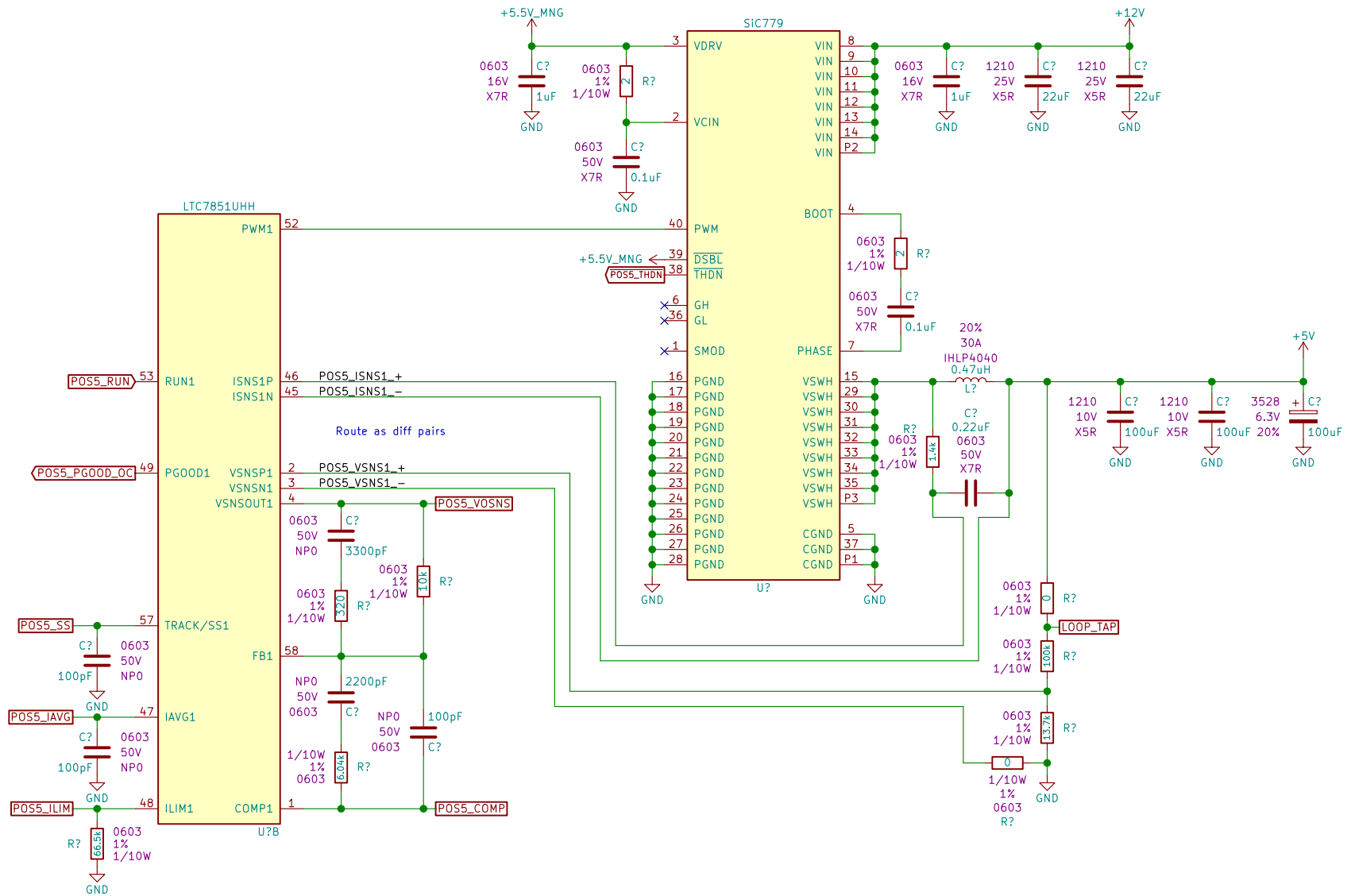
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+5V Phase 1



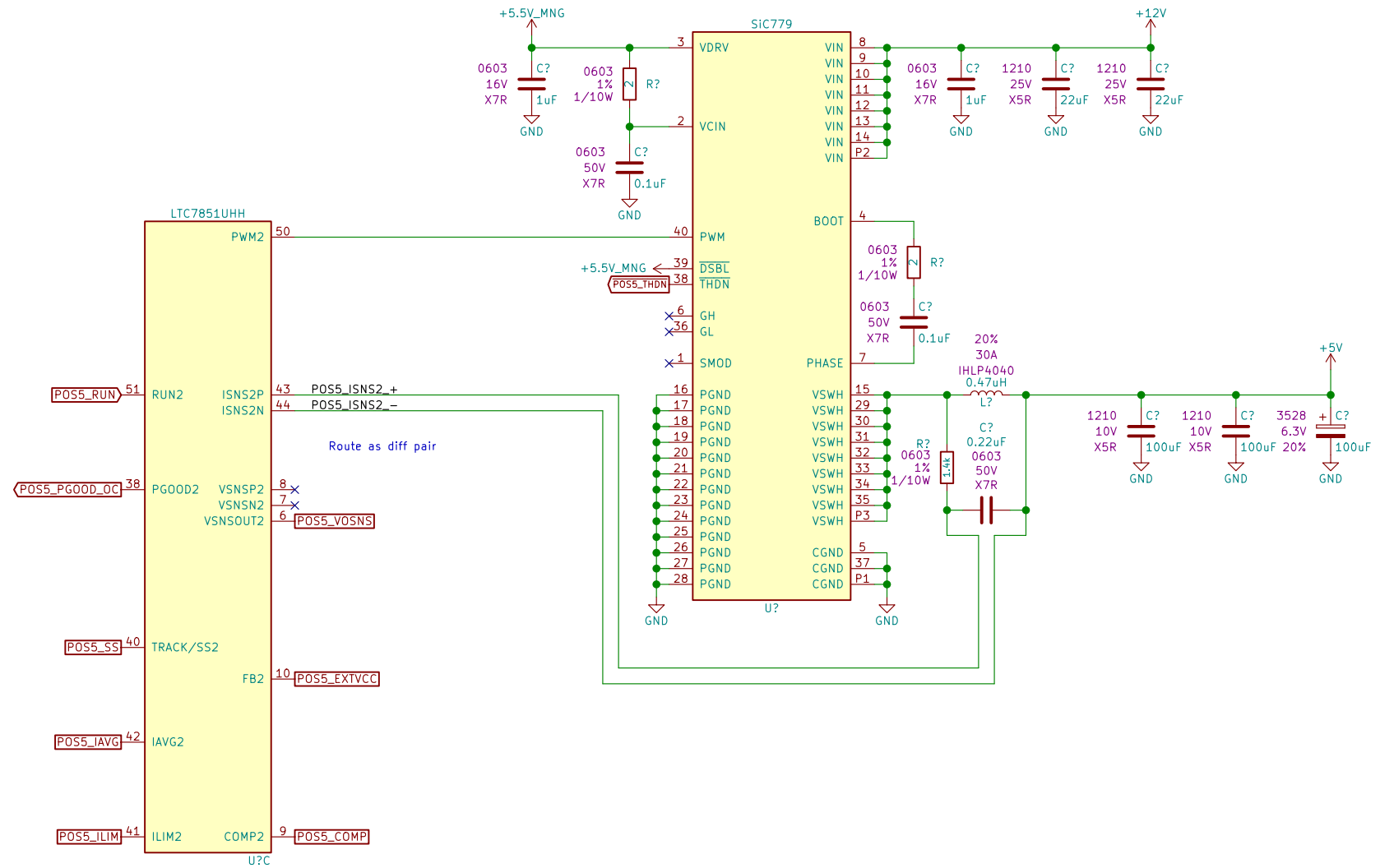
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+5V Phase 2



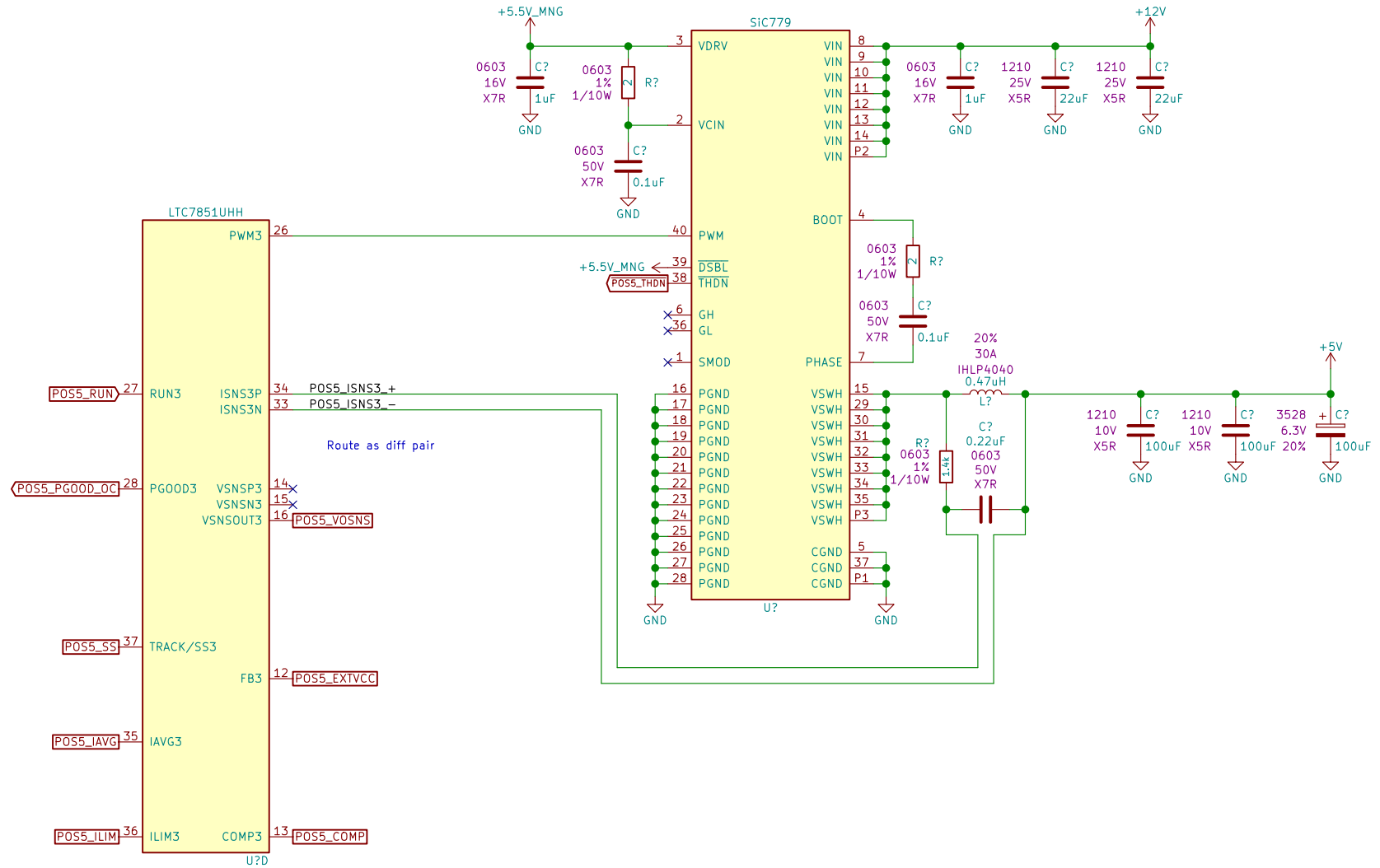
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Id: 29/32

+5V Phase 3



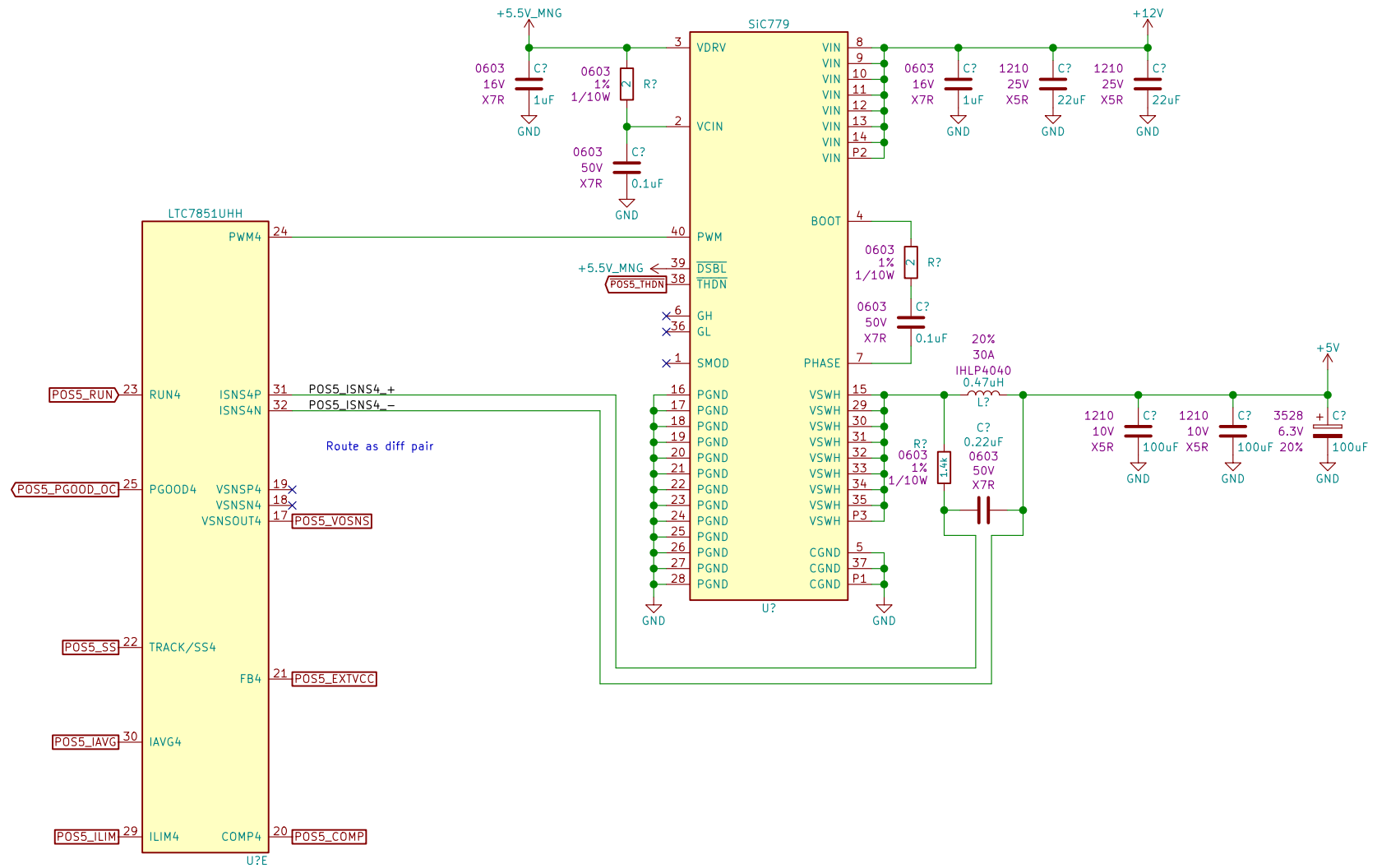
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Id: 30/32

+5V Phase 4



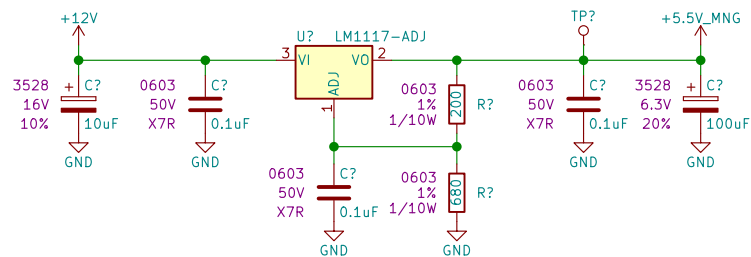
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Id: 31/32

+5.5V MNG LDO



Sheet: /POS5P5 MNG/
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