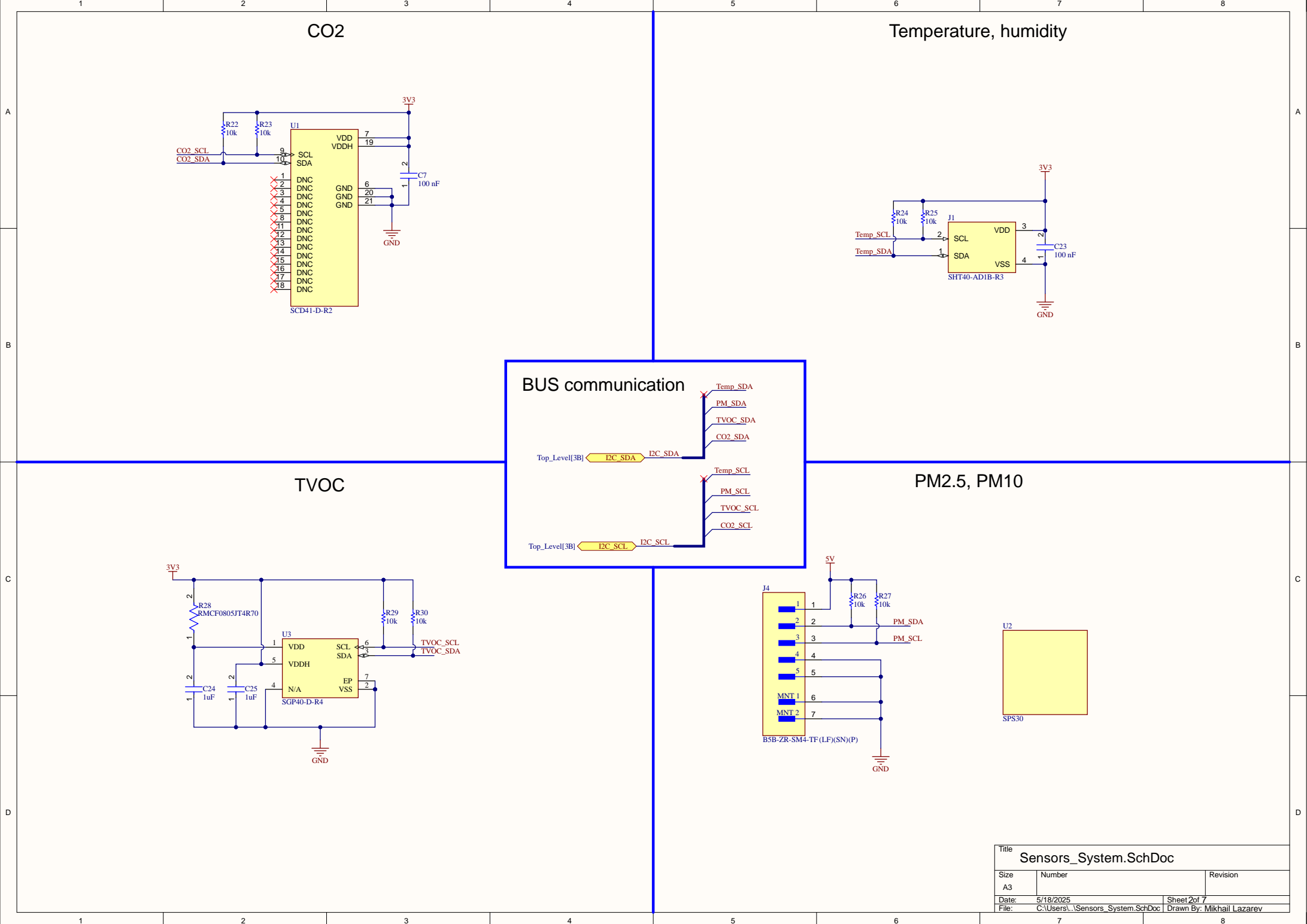
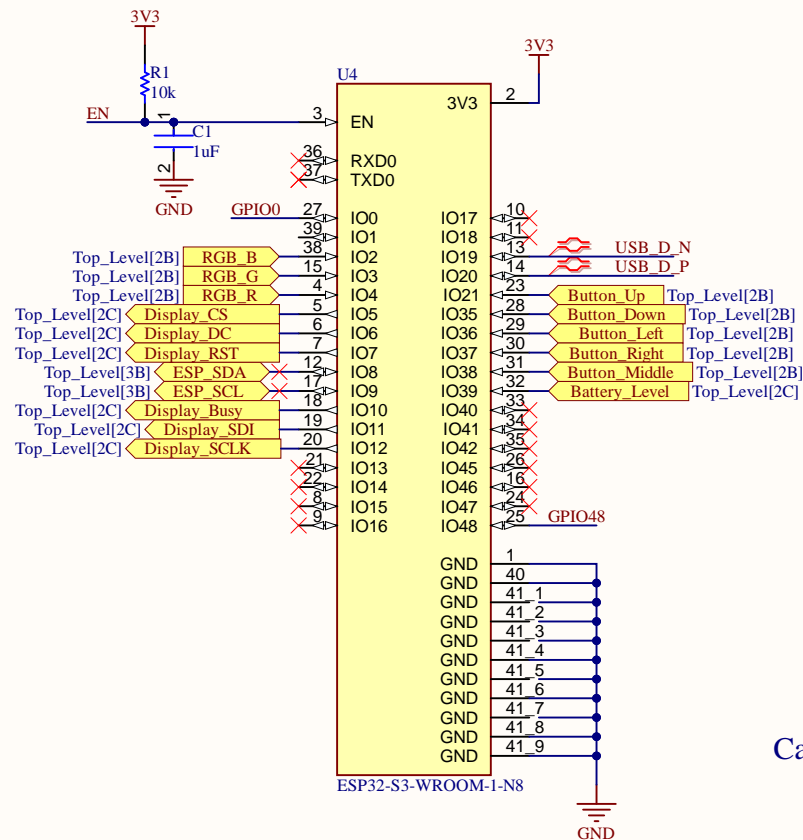
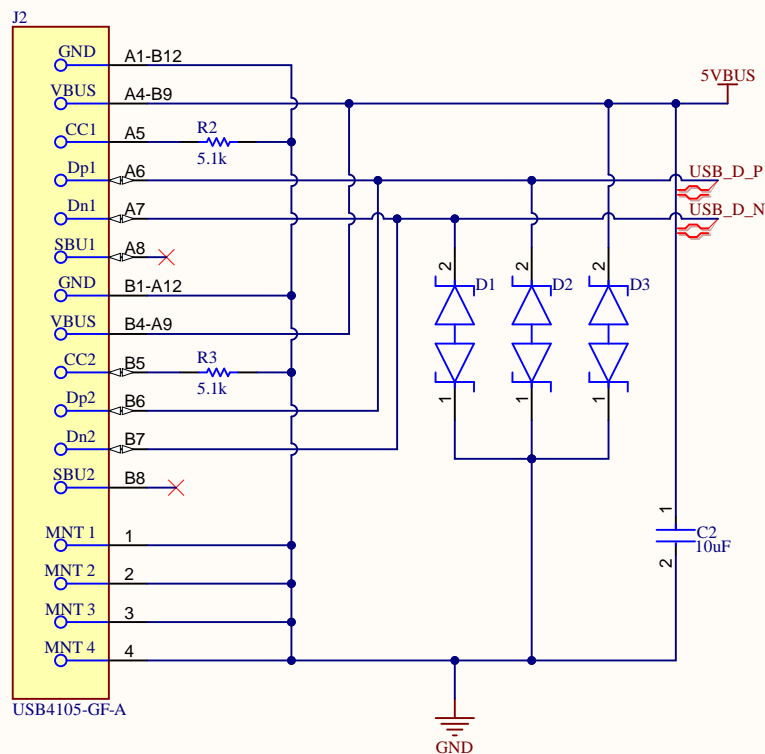
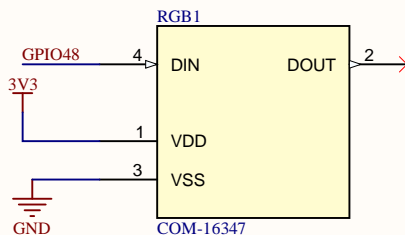
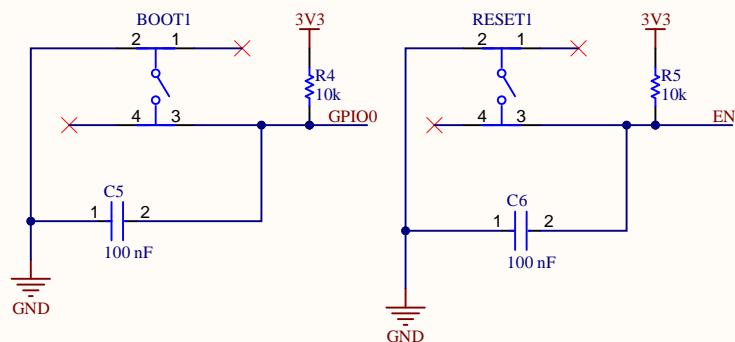
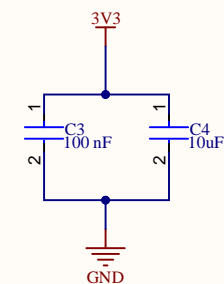


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Top_Level.SchDoc		
Size	Number	Revision
A4		
Date:	5/18/2025	Sheet 1 of 7
File:	C:\Users\...\Top_Level.SchDoc	Drawn By: Mikhail Lazarev



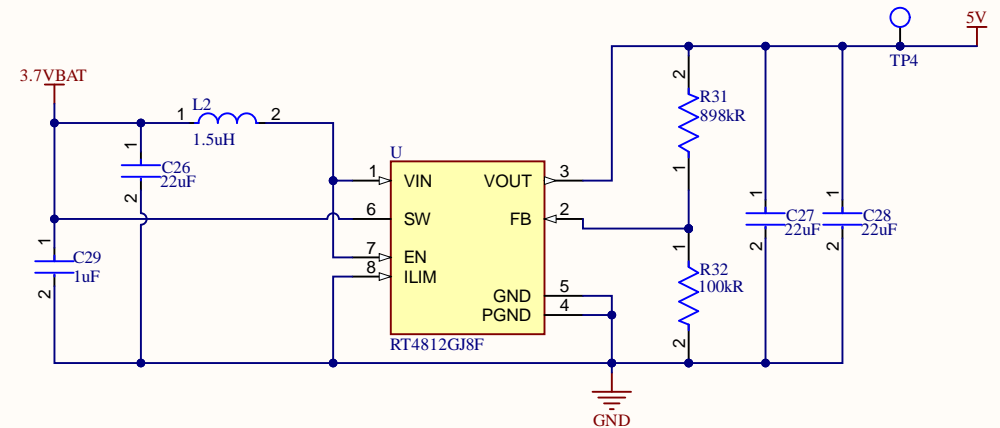
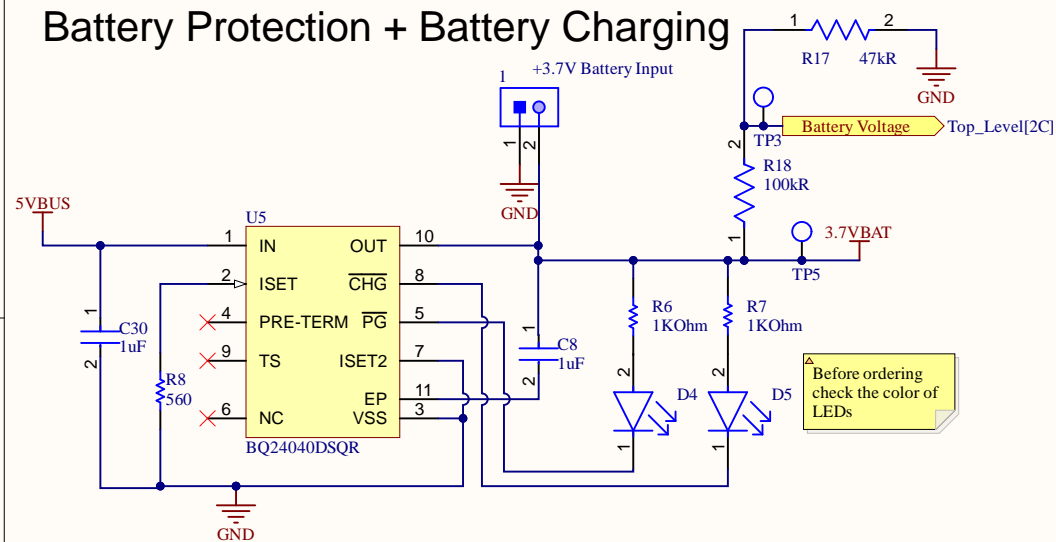


Caps placed close to 3V3 of ESP32

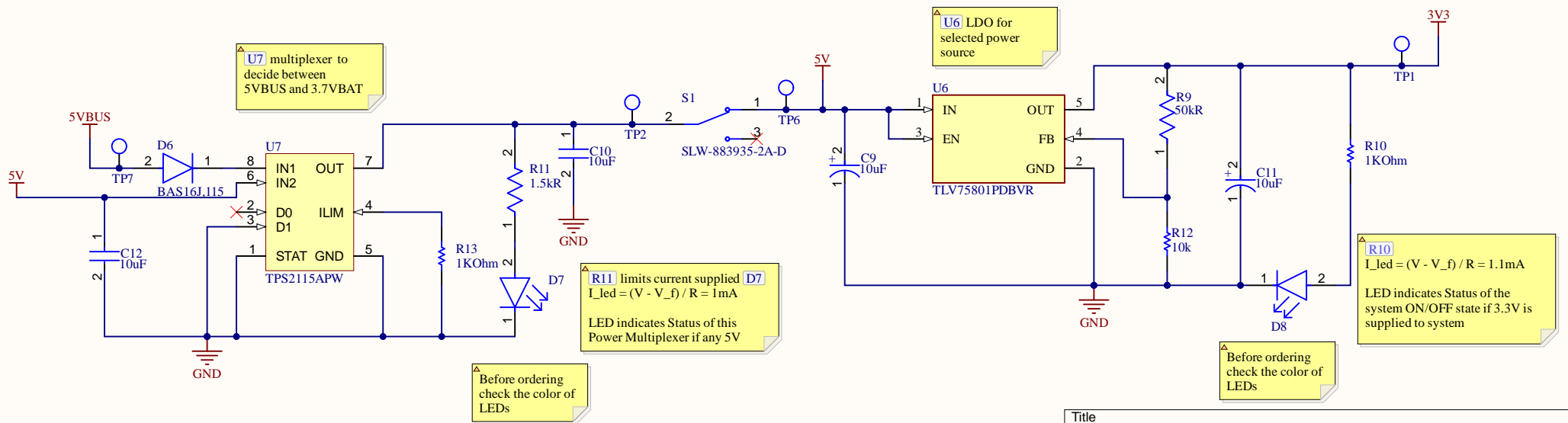


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Size	Number	Revision
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Date:	5/18/2025	Sheet 3 of 7
File:	C:\Users\...\ESP32_S3.SchDoc	Drawn By: Mikhail Lazarev

Battery Protection + Battery Charging

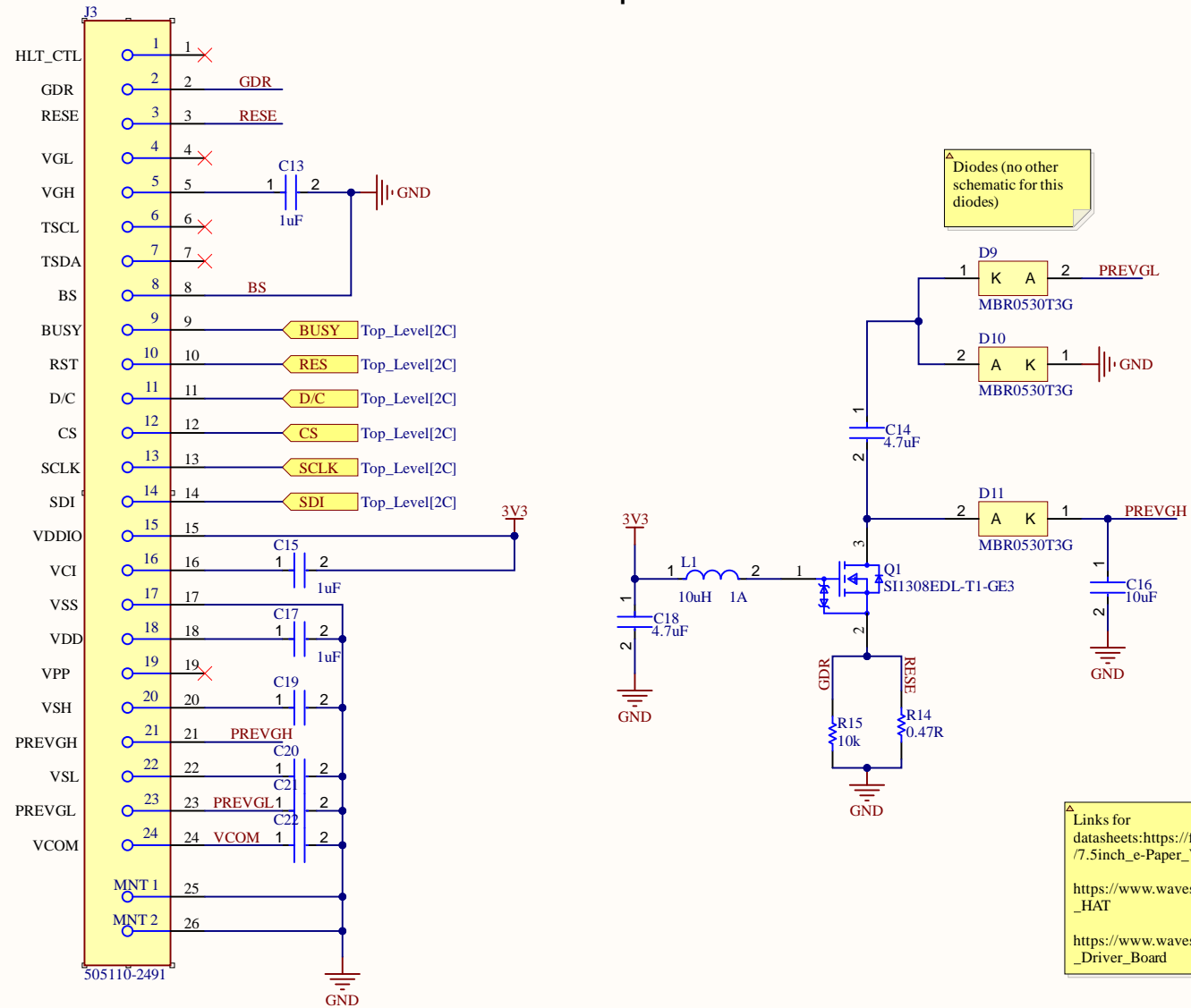


Power Selection + LDO



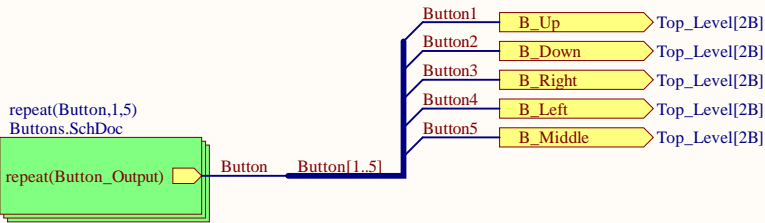
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7.5inch e-Paper V2

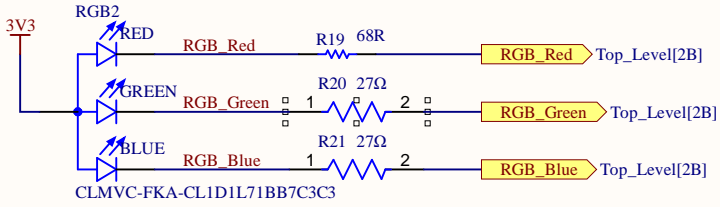


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File:	C:\Users\...\Display_System.SchDoc	Drawn By: Mikhail Lazarev

Buttons Control

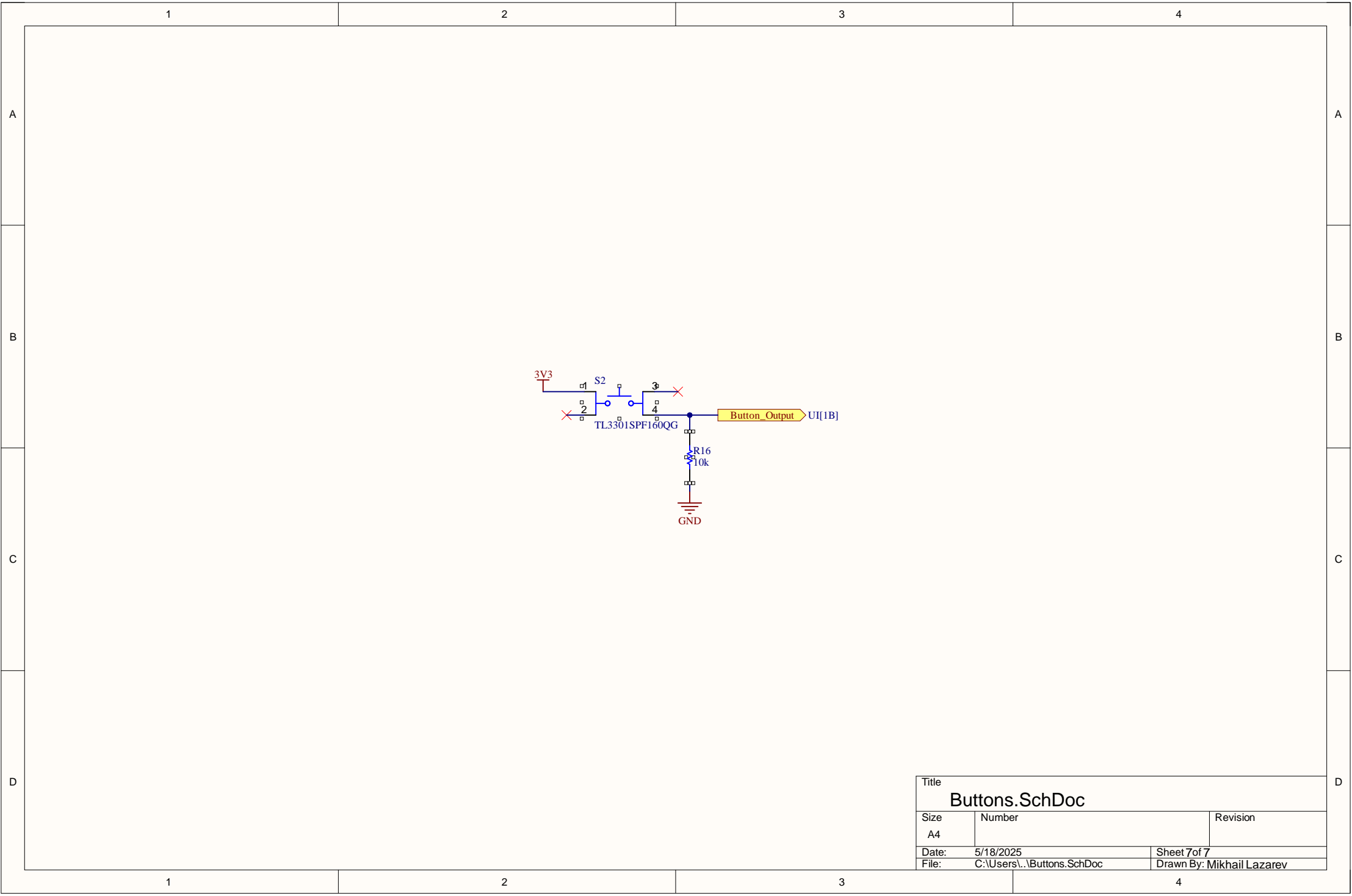


Status RGB



R19 R20 R21 limits current
supplied RGB
 $I_{led} = (V - V_f) / R = 10mA$

Title		
UI.SchDoc		
Size	Number	Revision
A4		
Date:	5/18/2025	Sheet 6 of 7
File:	C:\Users\...\UI.SchDoc	Drawn By: Mikhail Lazarev



[illegible]