

BlockDiagram



File: BlockDiagram.kicad_sch

PowerTreeDiagram



File: PowerTreeDiagram.kicad_sch

I2CTreeDiagram



File: I2CTreeDiagram.kicad_sch

RevisionHistory

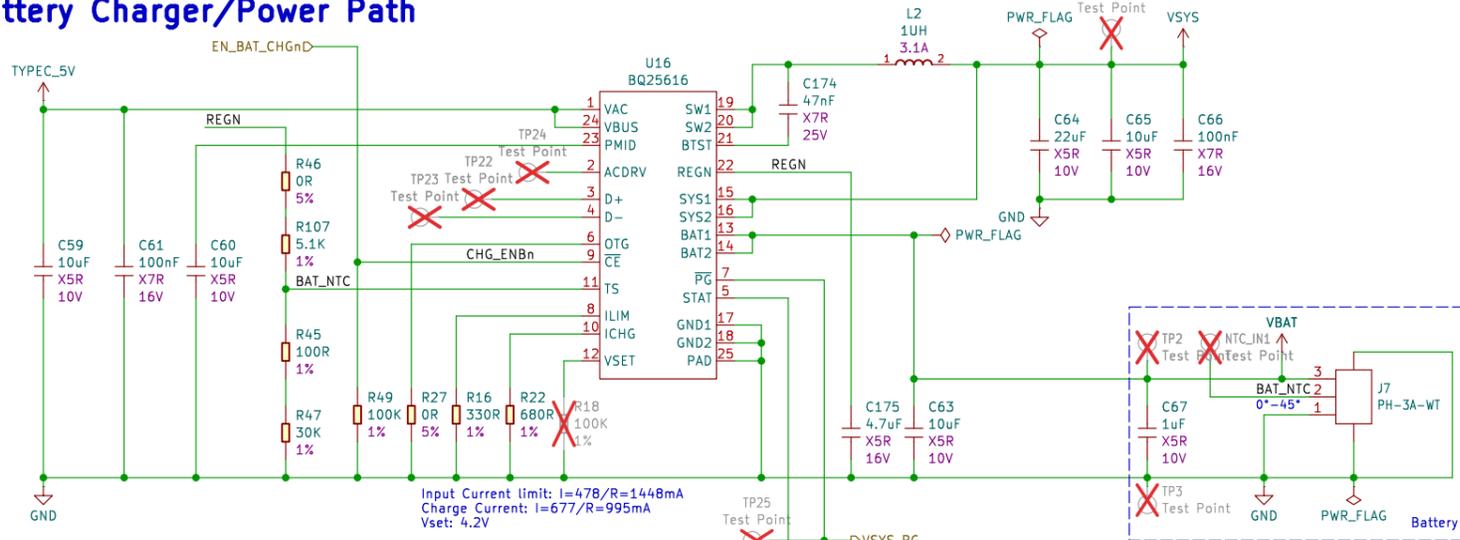


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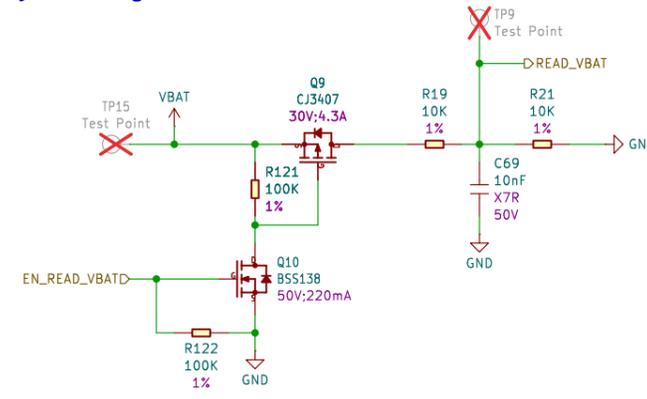
seed studio

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KiCad E.D.A. 9.0.7		Id: 1/13	

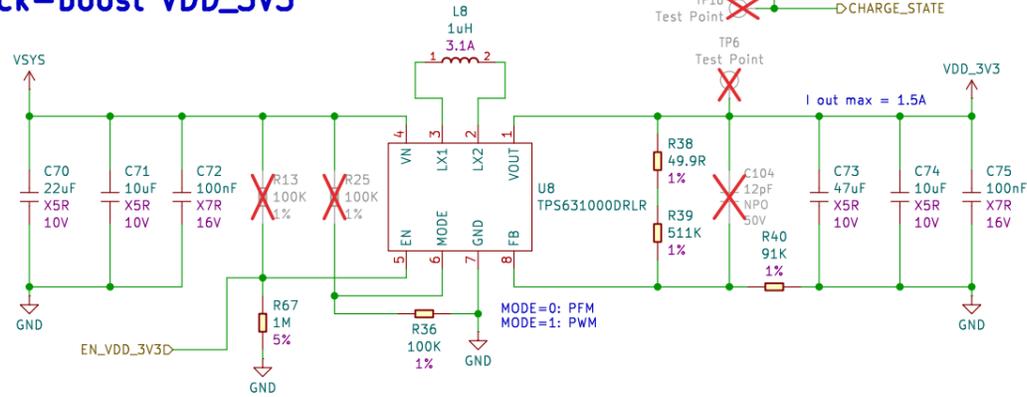
Battery Charger/Power Path



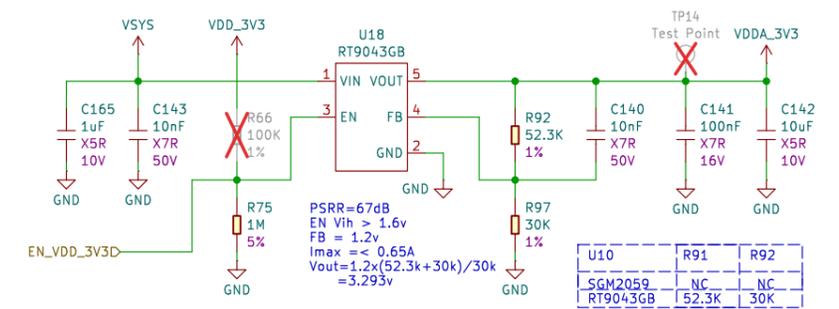
Battery voltage read switch



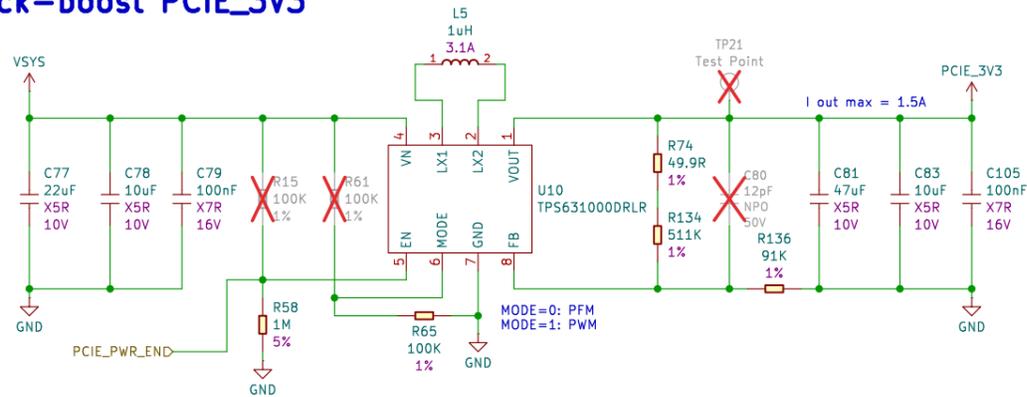
Buck-boost VDD_3V3



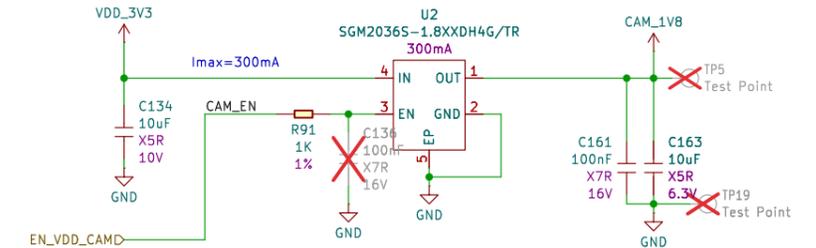
LDO VDDA_3V3



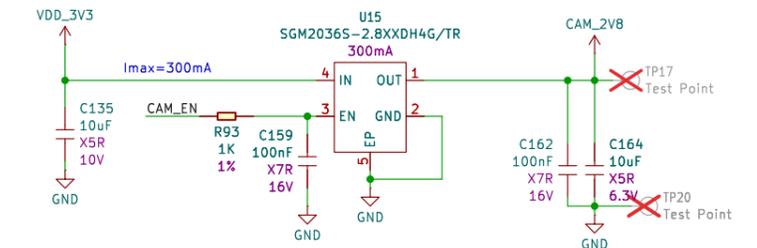
Buck-boost PCIE_3V3



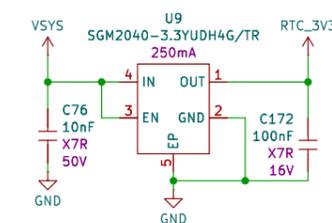
CAM_1V8



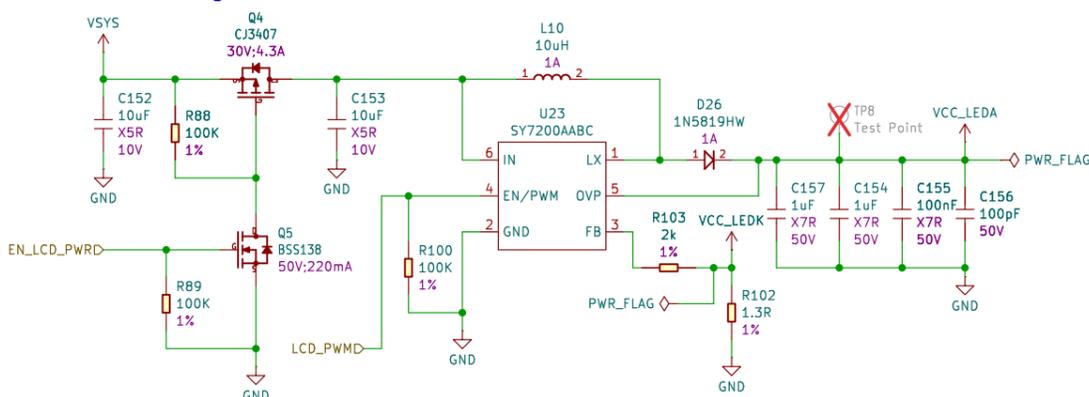
CAM_2V8



RTC_3V3



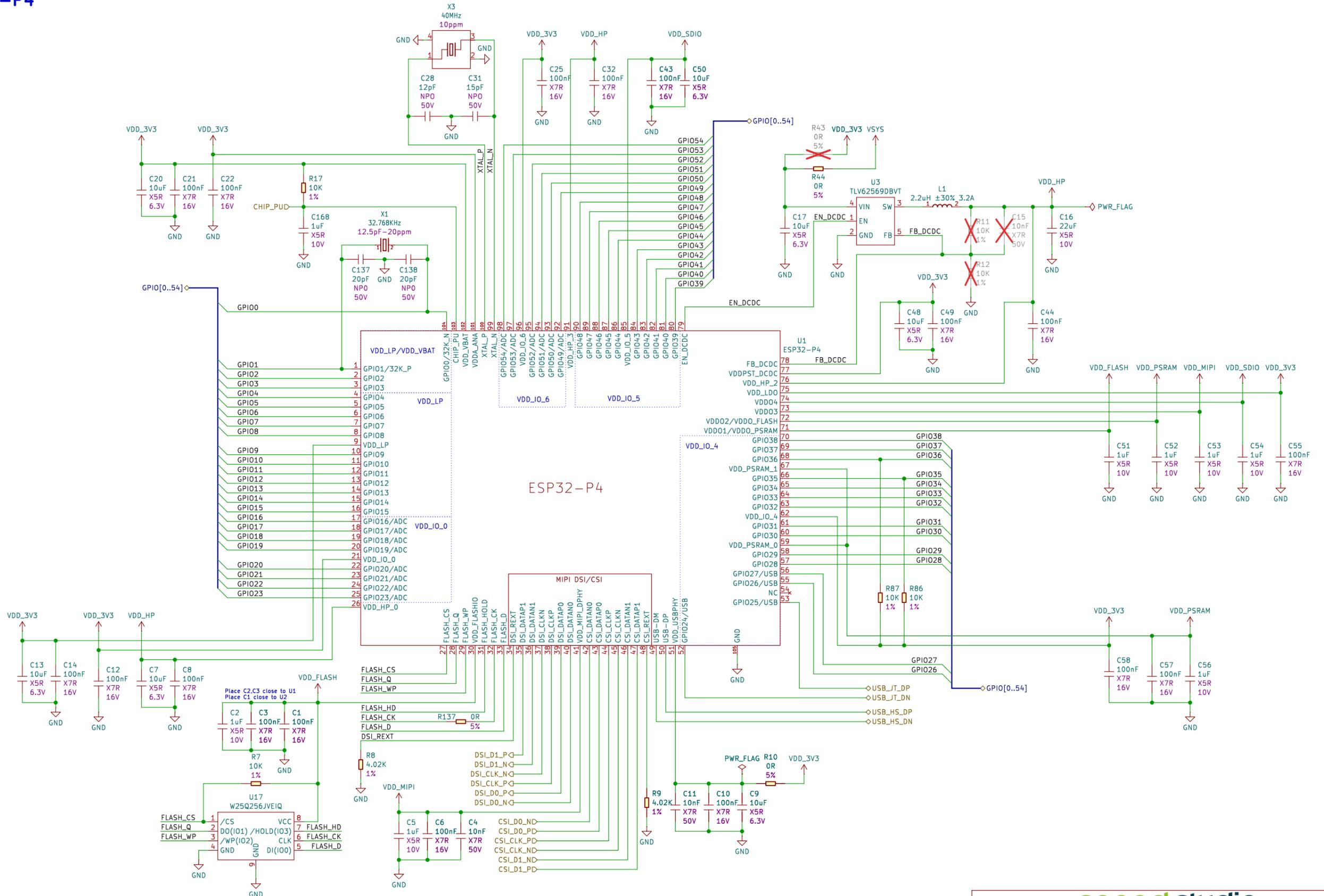
LCD Backlight



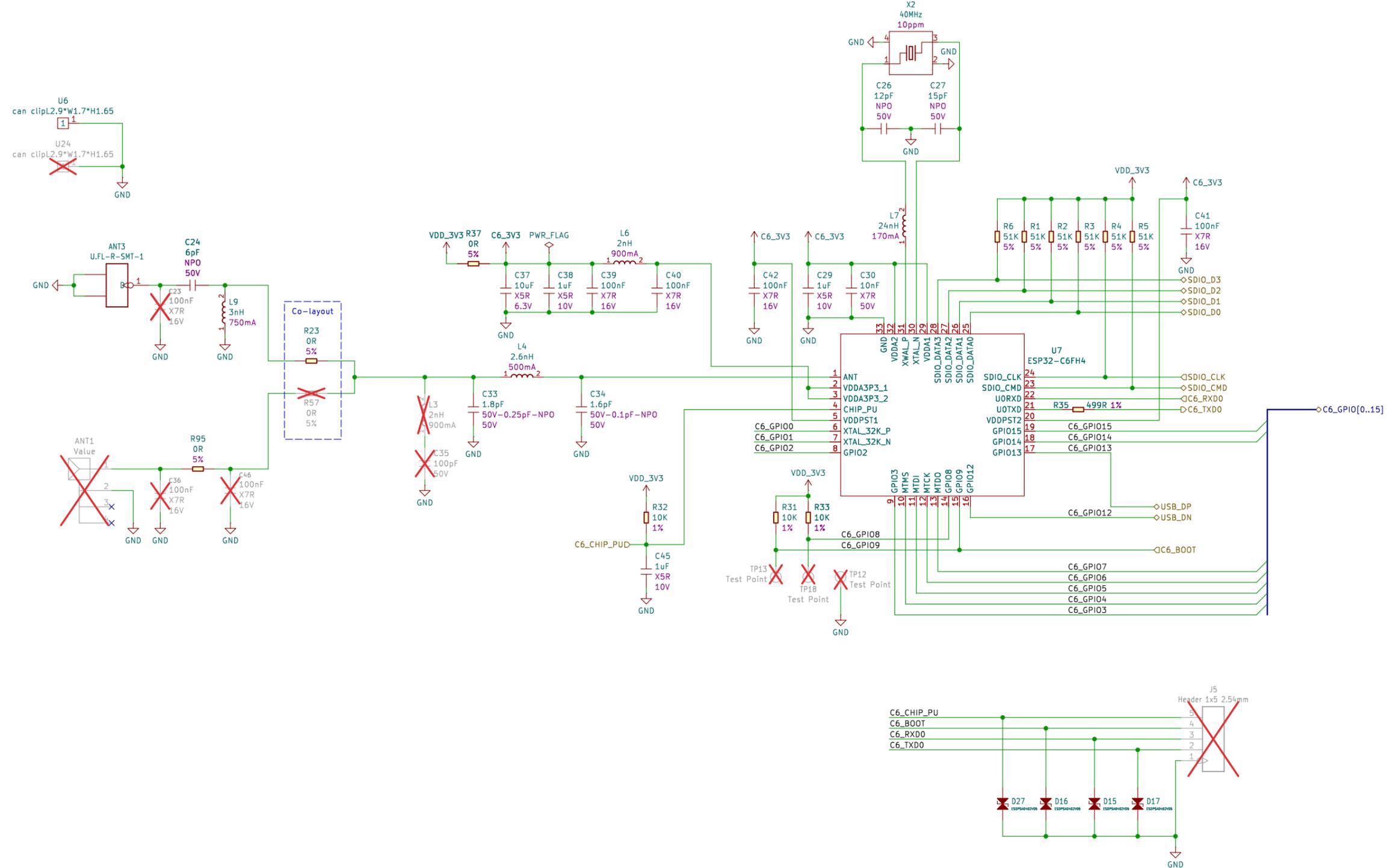
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ESP32-P4



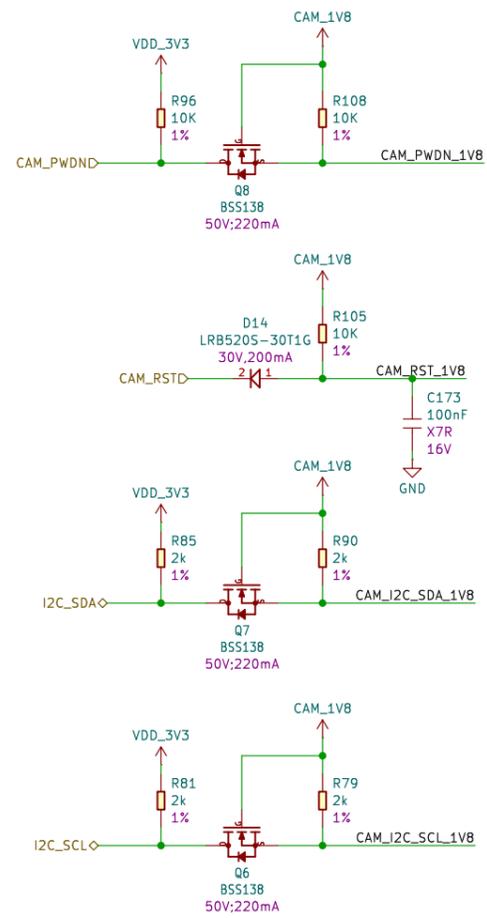
ESP32-C6 WIFI/BT



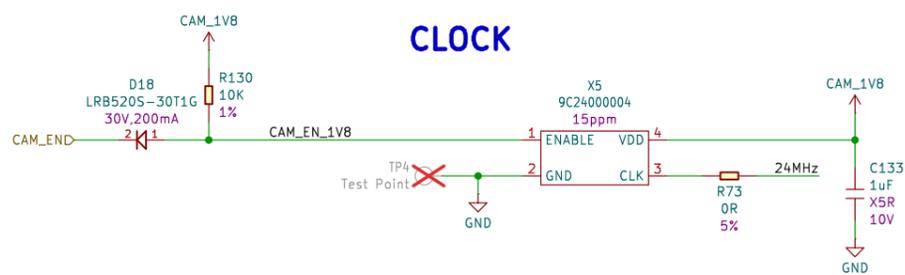
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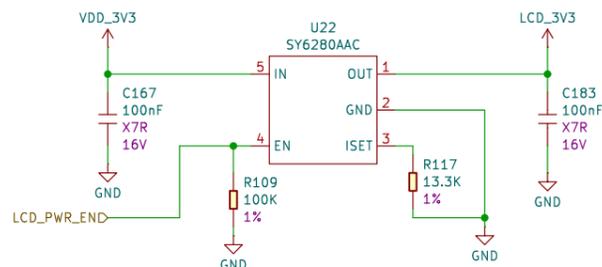
CAM CONTROL



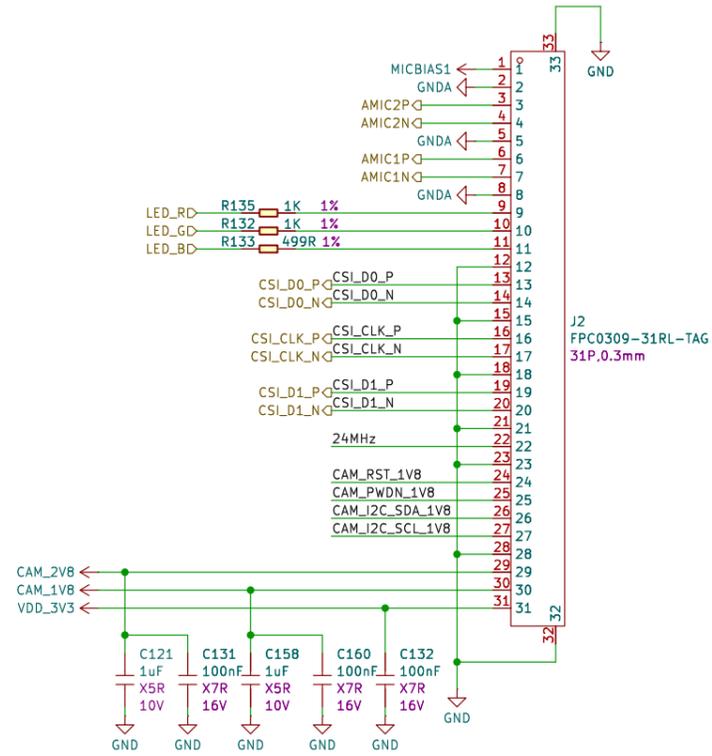
CLOCK



LCD POWER SWITCH

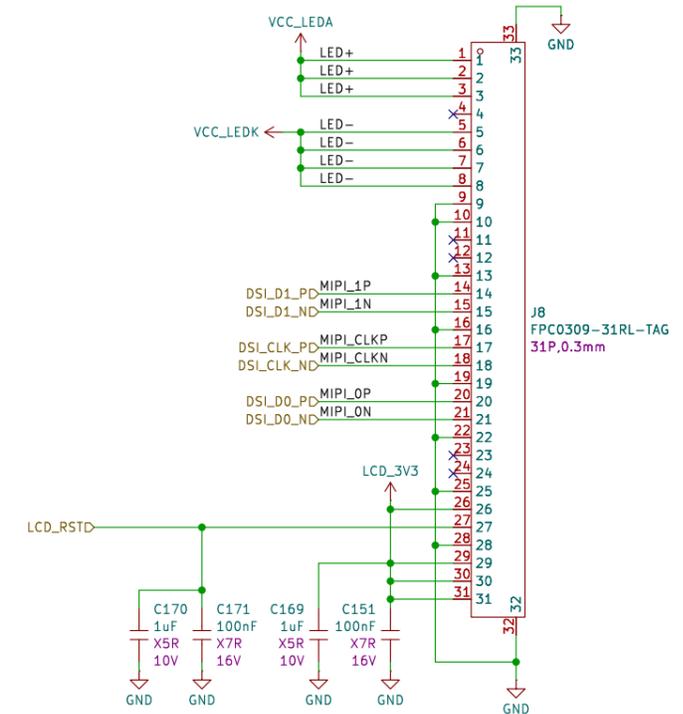


CAM CONN.

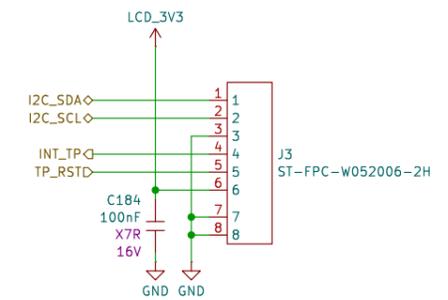


I2C Address:
CAM: 0x10
LIGHT SENSOR: 0x29

LCD CONN.



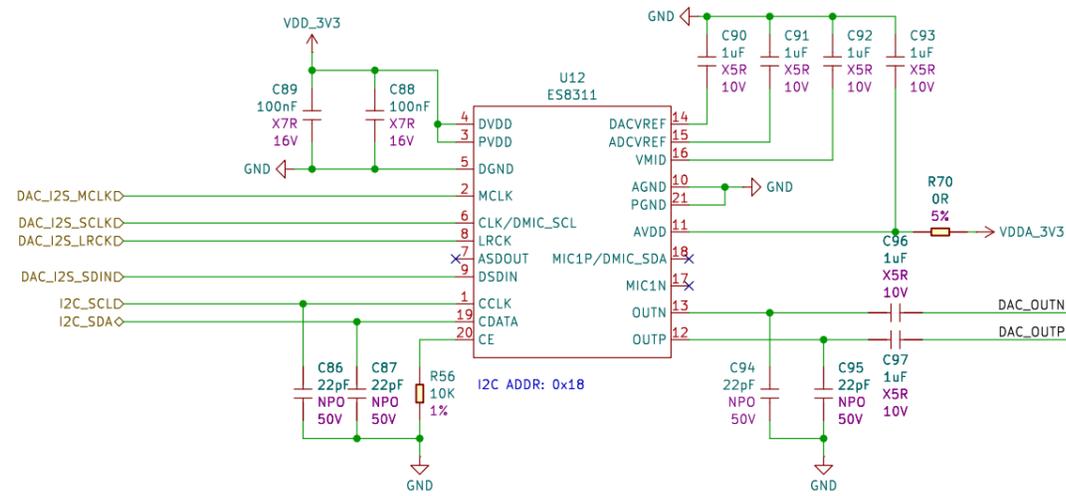
TP CONN.



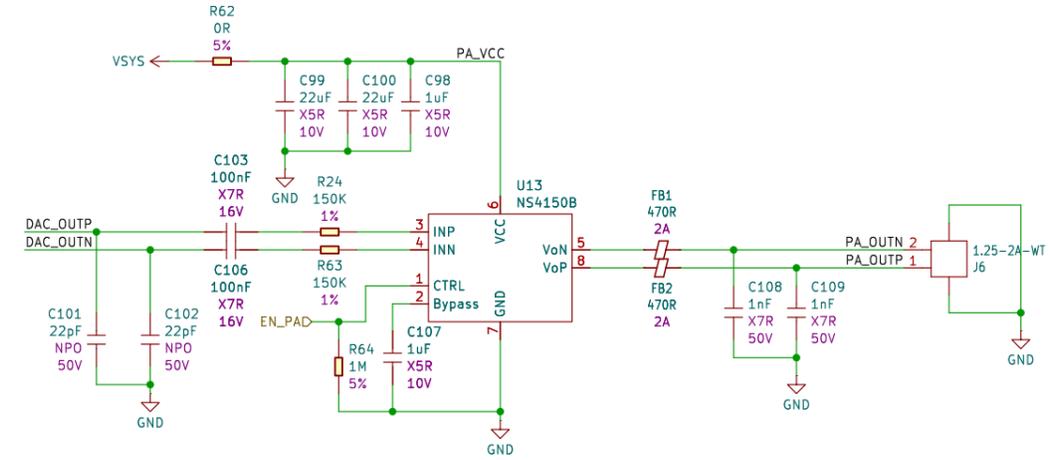
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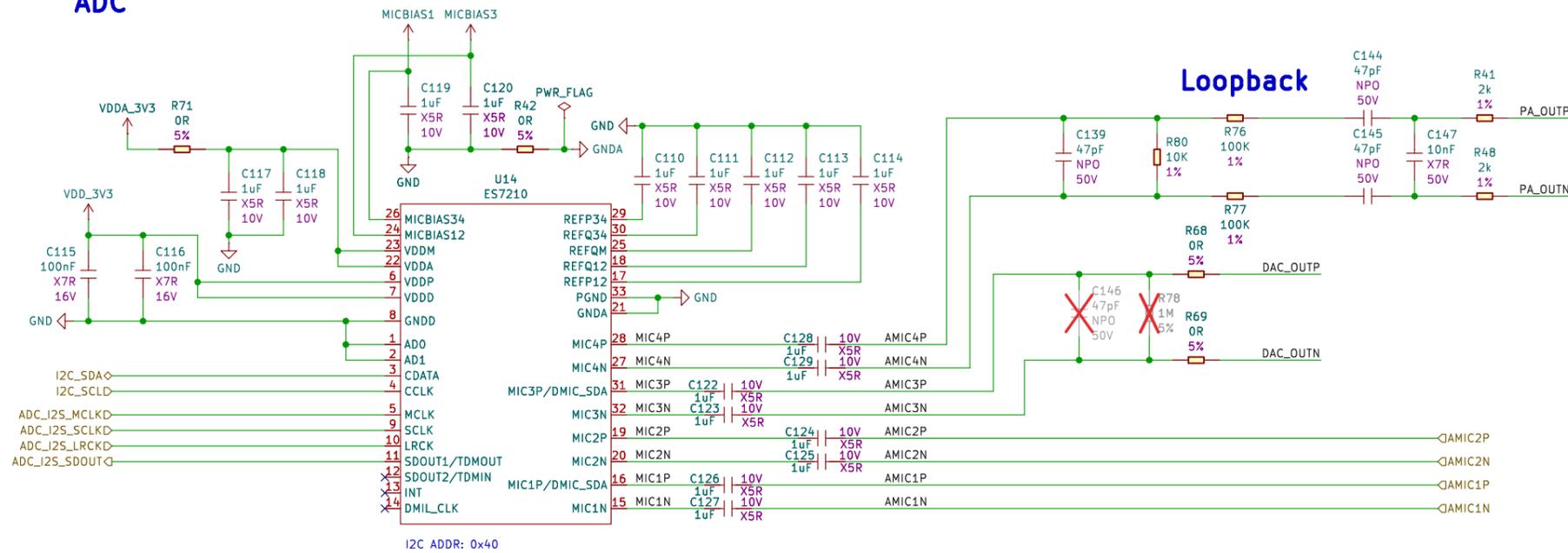
Codec



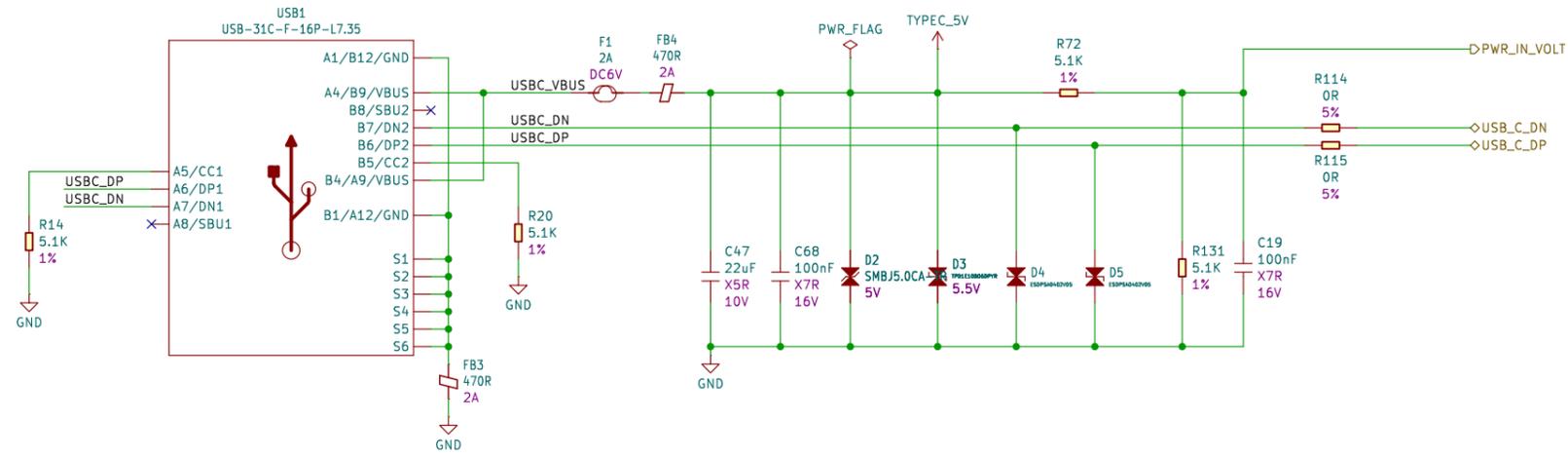
Power Amplifier



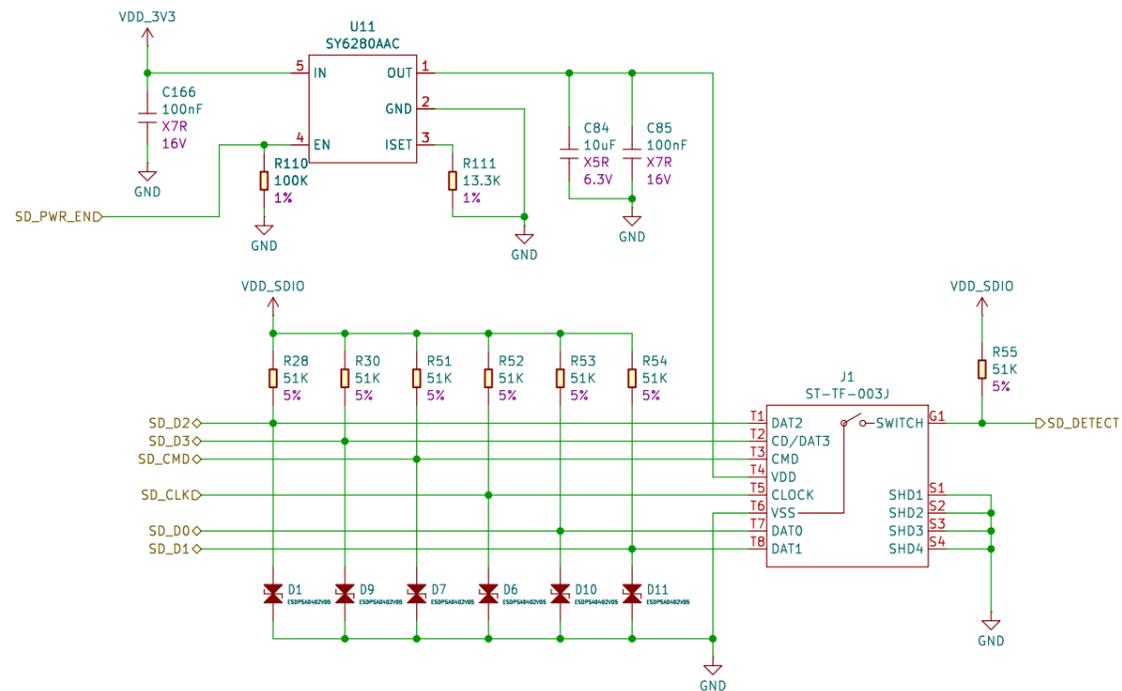
ADC



USB C JTAG/DEBUG



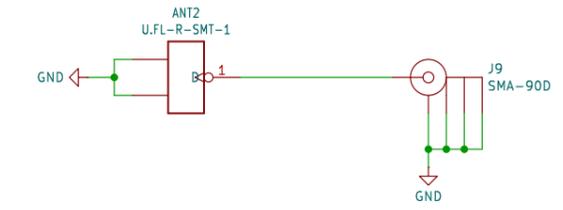
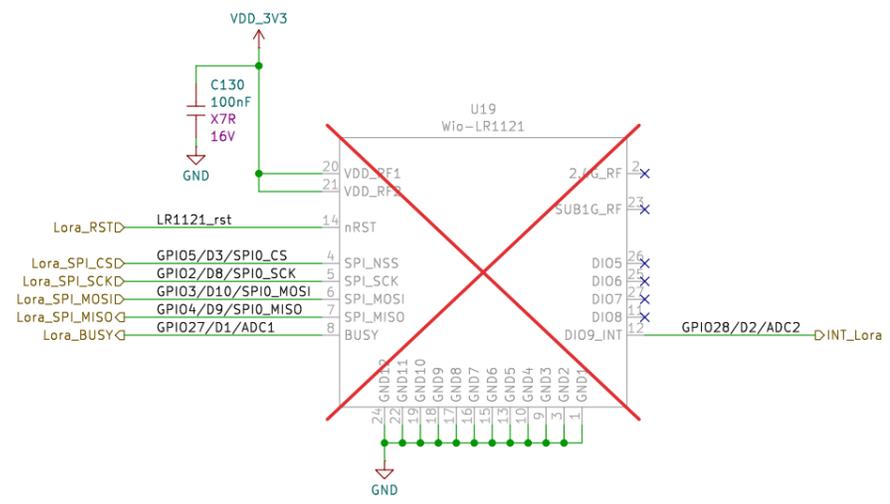
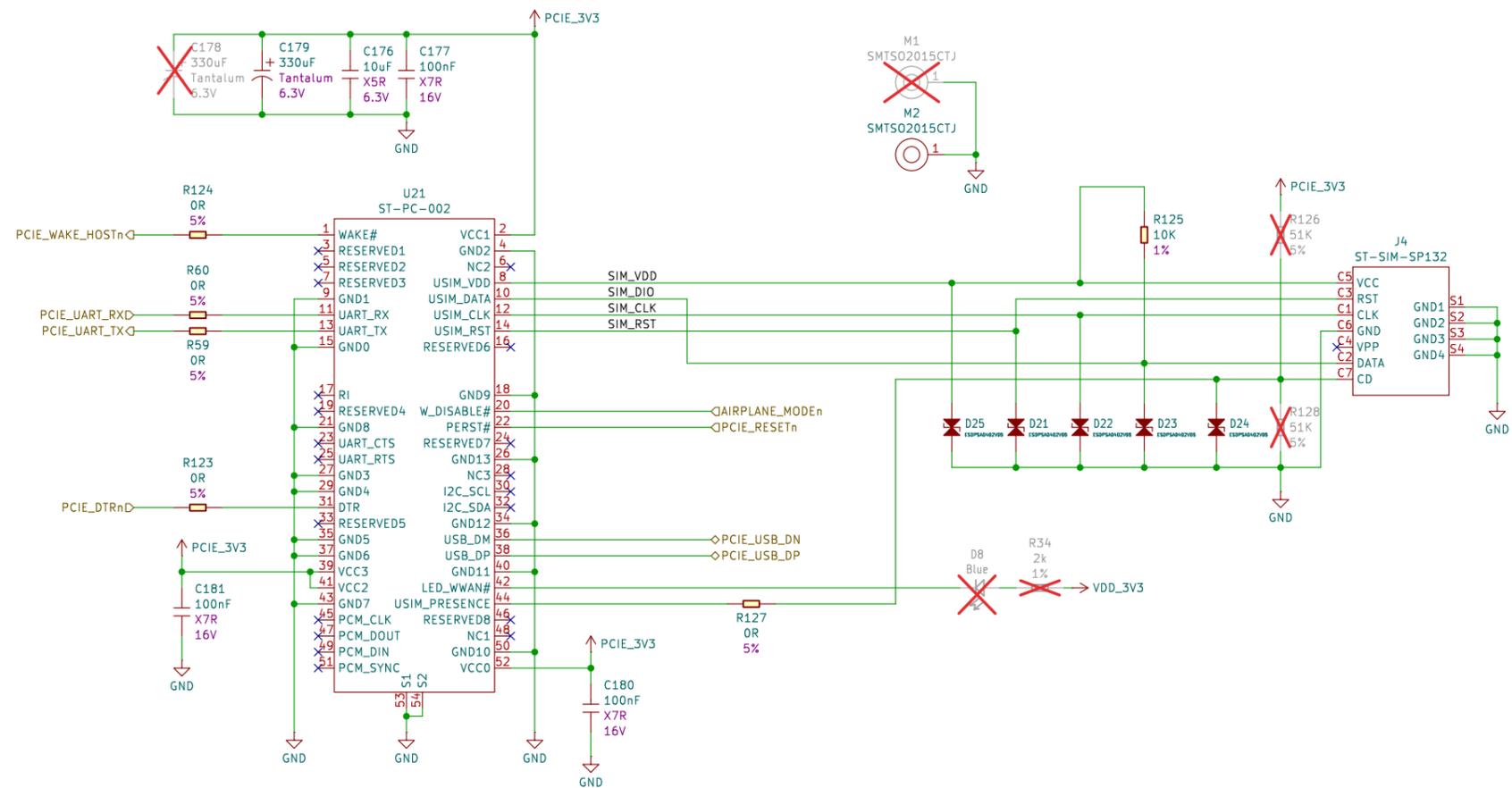
Micro SD



seed studio

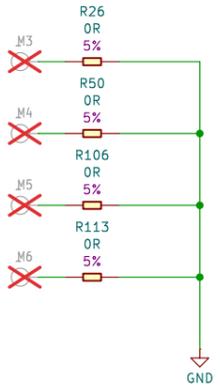
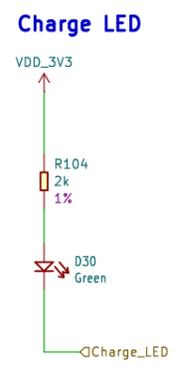
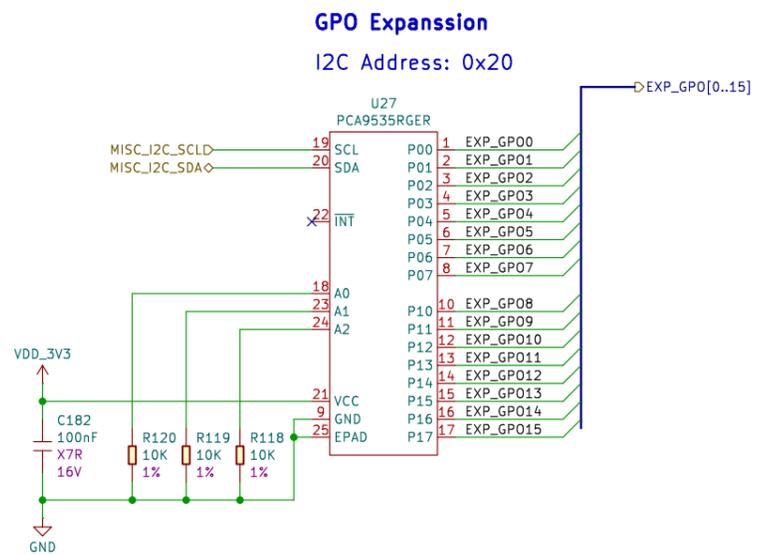
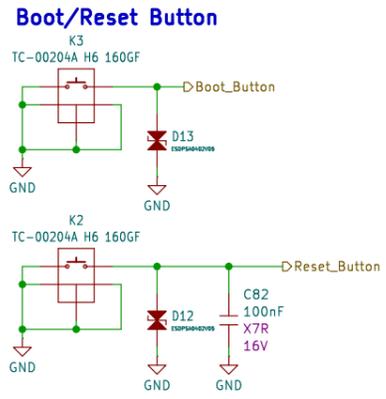
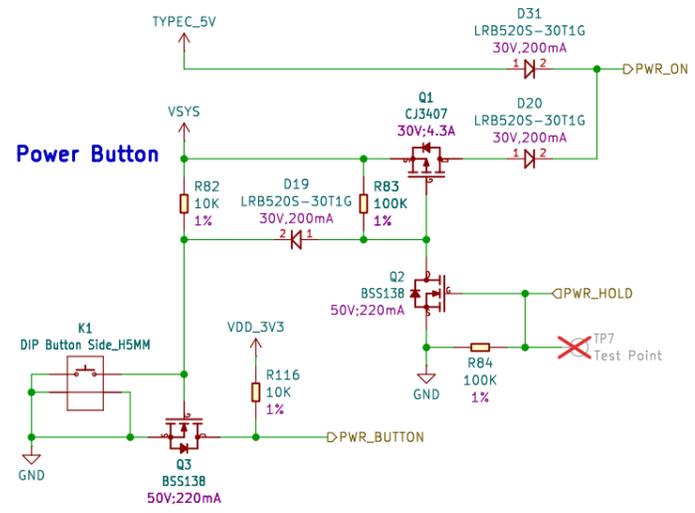
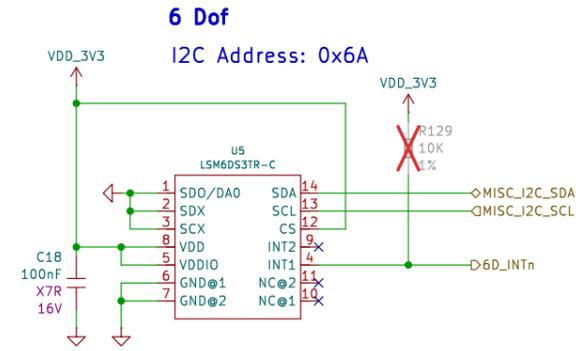
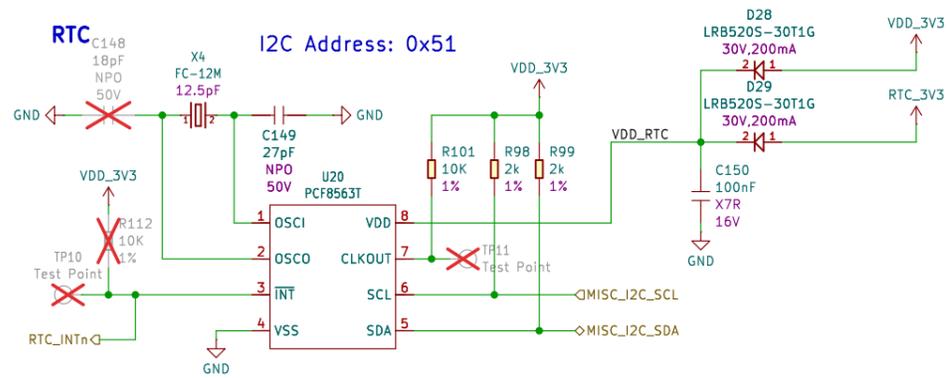
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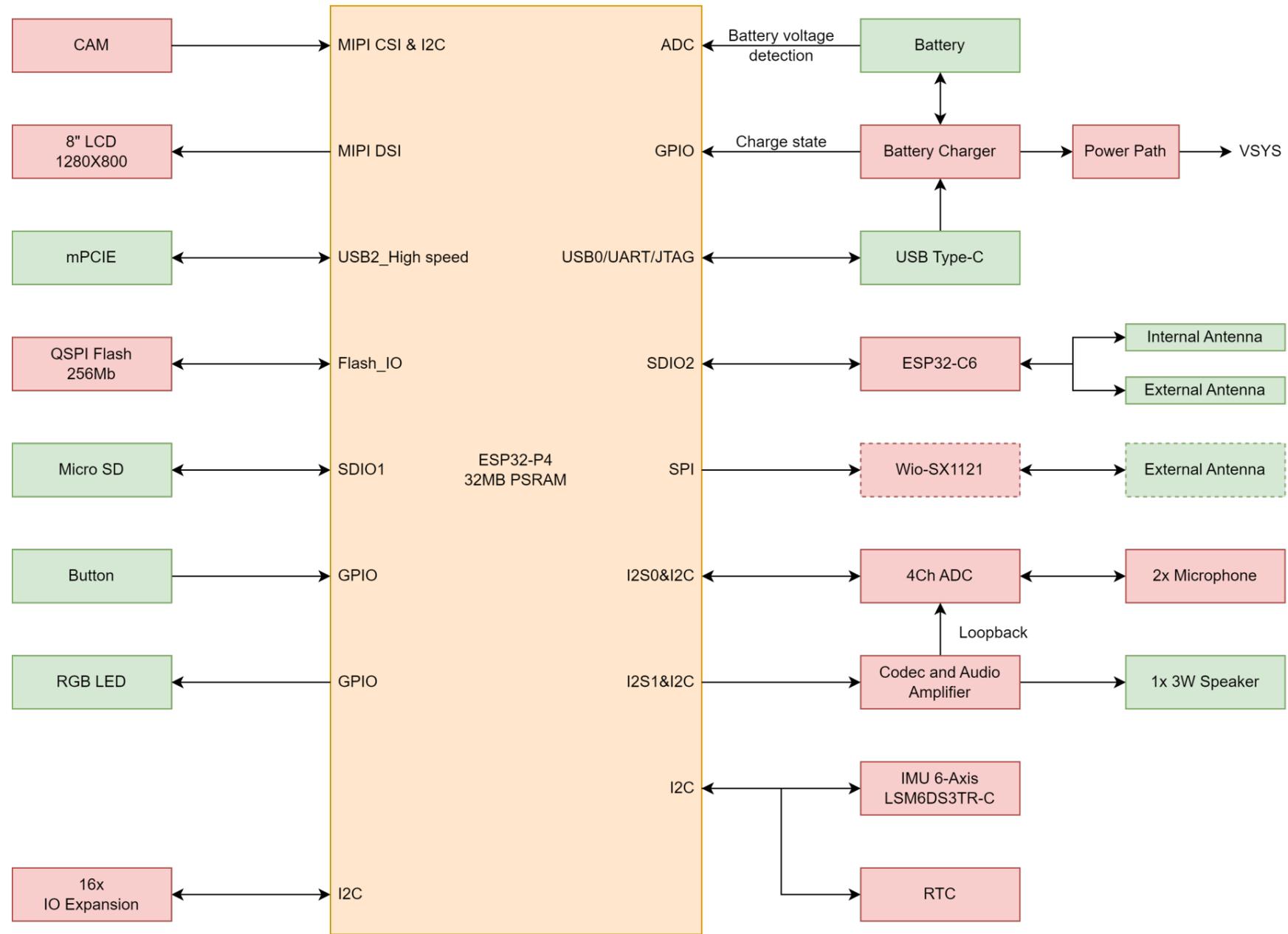


seed studio

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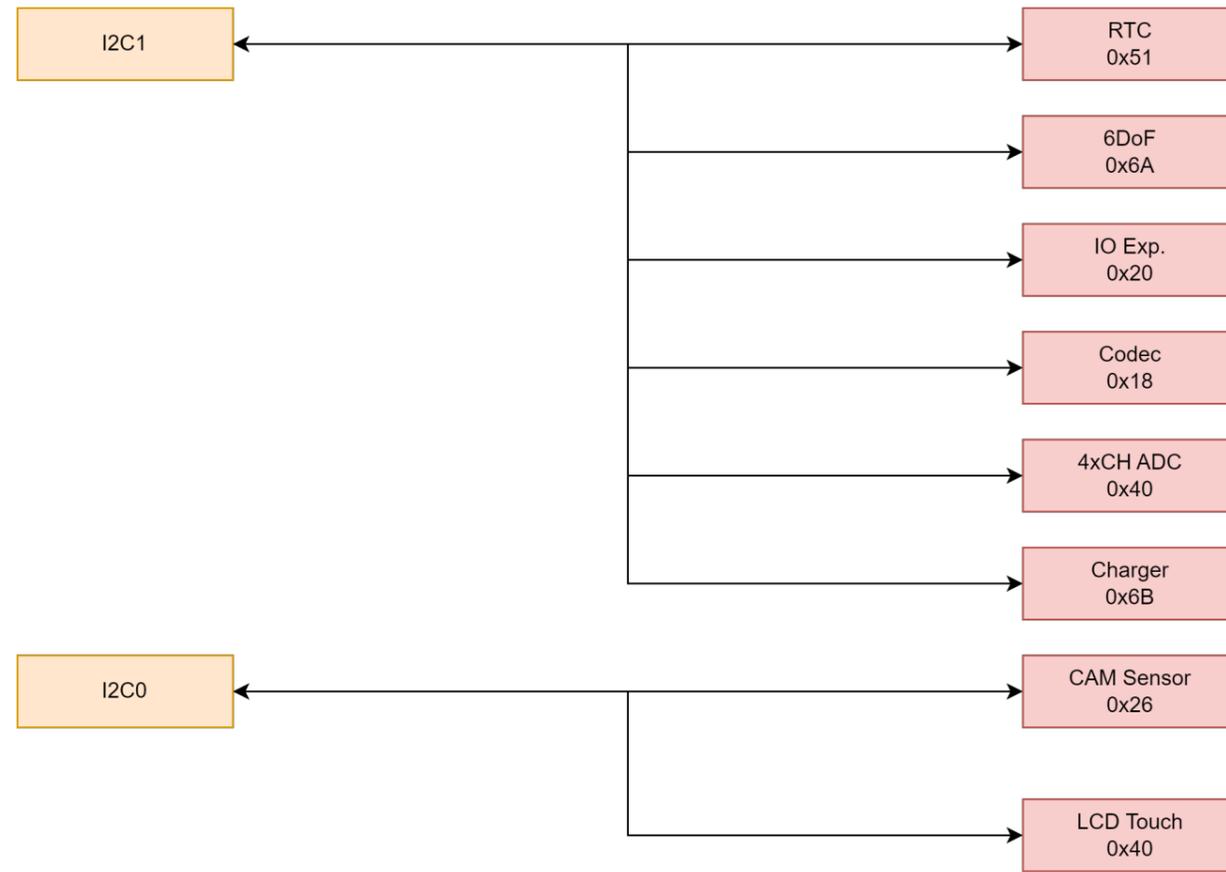


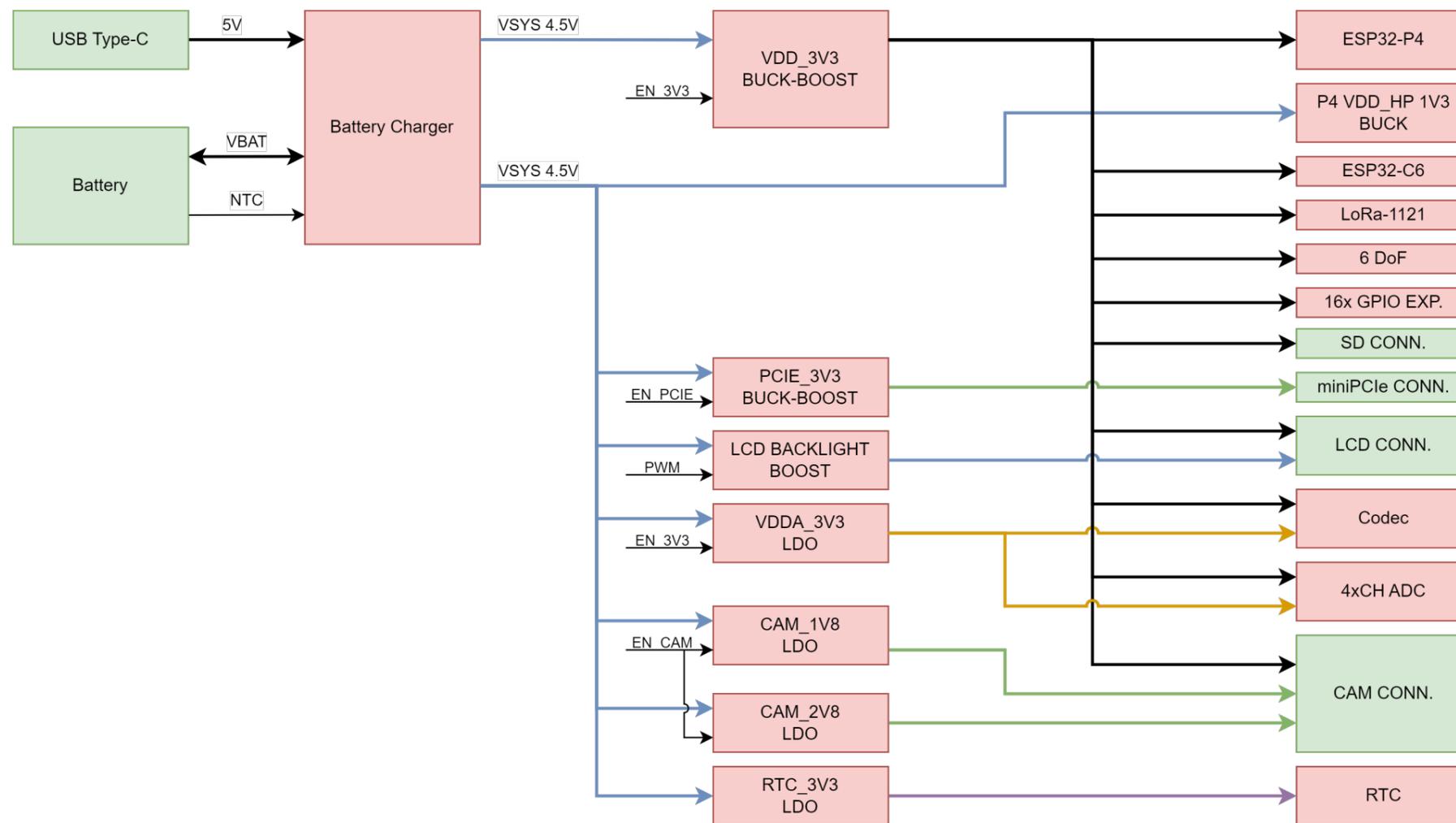
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seed studio

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Revision History			
DATE	REVISION	DESCRIPTION	
2025/10/15	V01	Initial release.	

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