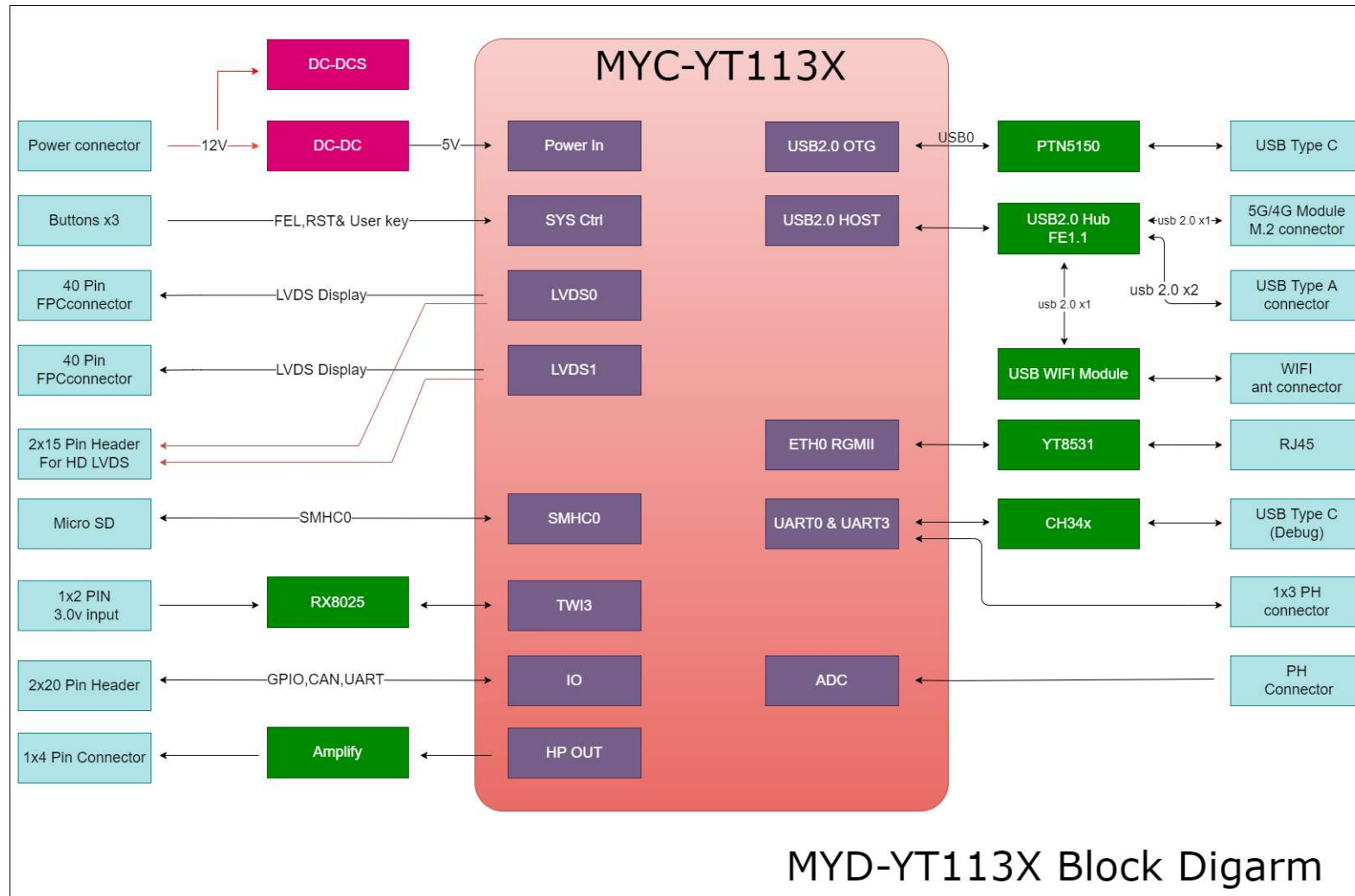


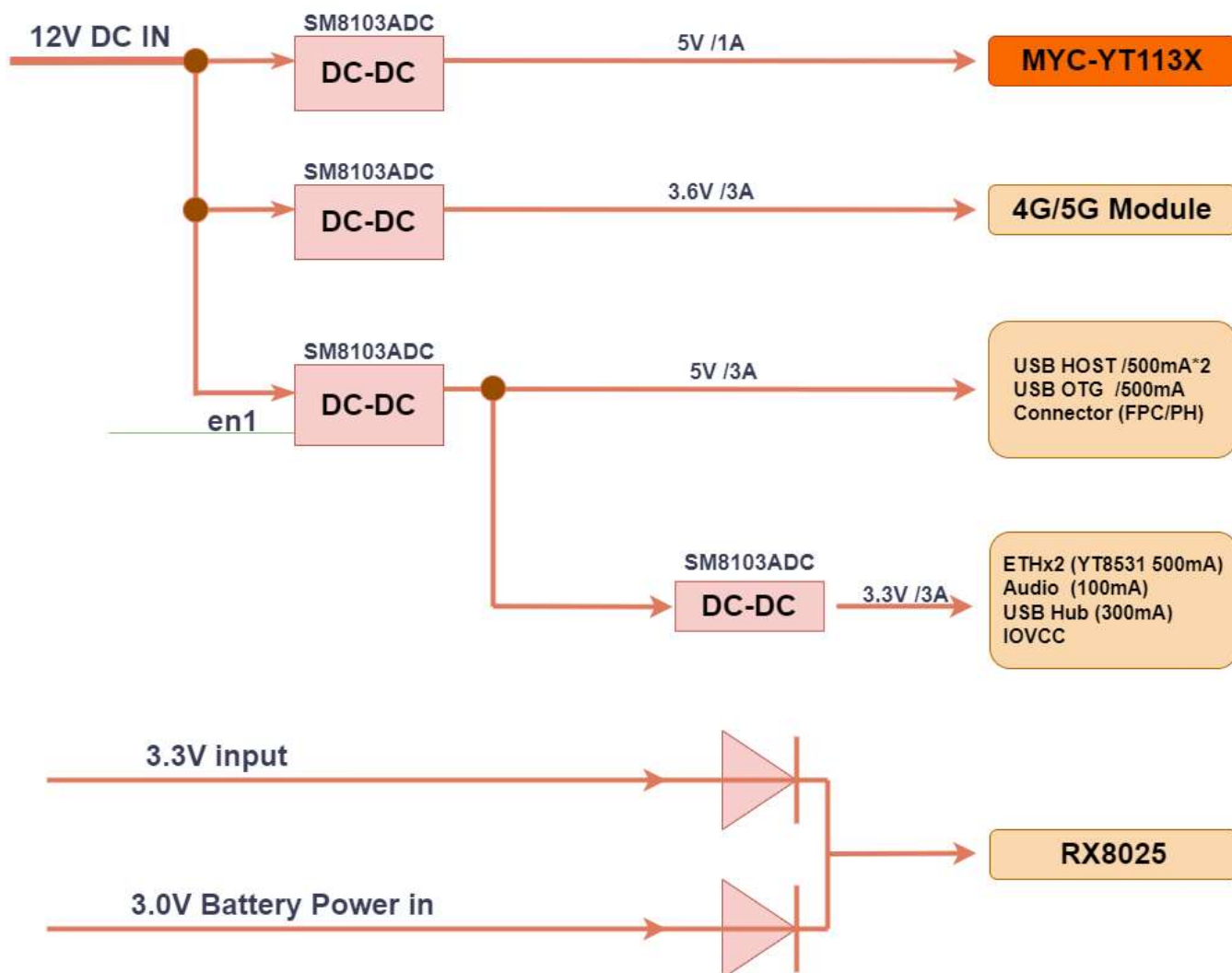
Index

- 1. Cover
- 2. Block Diagram
- 3. Power Tree
- 4. Power Supply
- 5. IO Expander
- 6. Audio Out
- 7. SD & BOOT
- 8. LVDS
- 9. USB
- 10. Ethernet
- 11. USB WIFI & 4G/5G
- 12. KEY & LED/RTC
- 13. Debug
- 14. MYC Connector
- 15. Mechanical

VERSION HISTORY

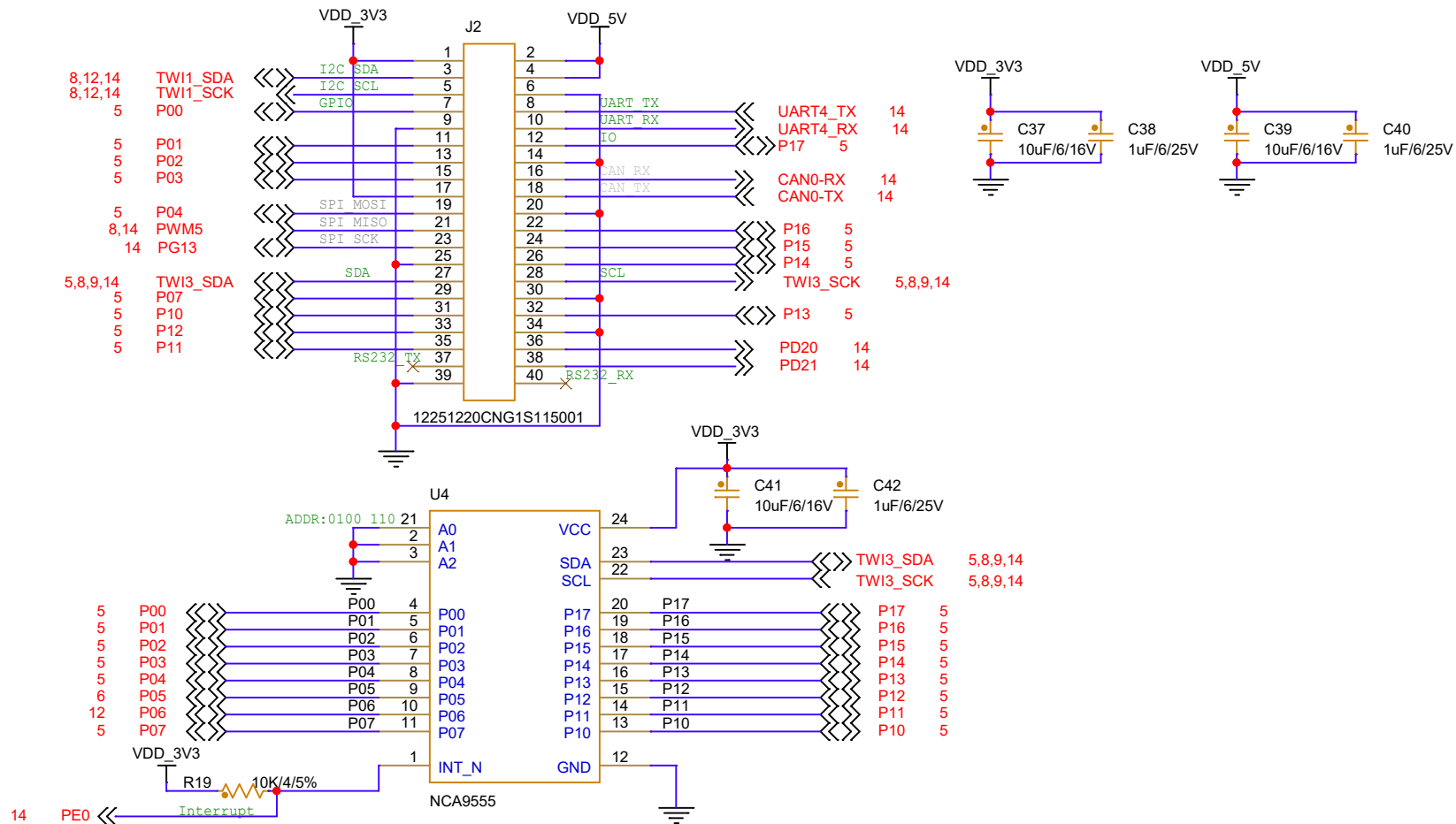
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V01	Initial Edition	2022-11-01			
V02/V10	1. Deleted LVDS1 FPC connector due to not support	2023-02-24			






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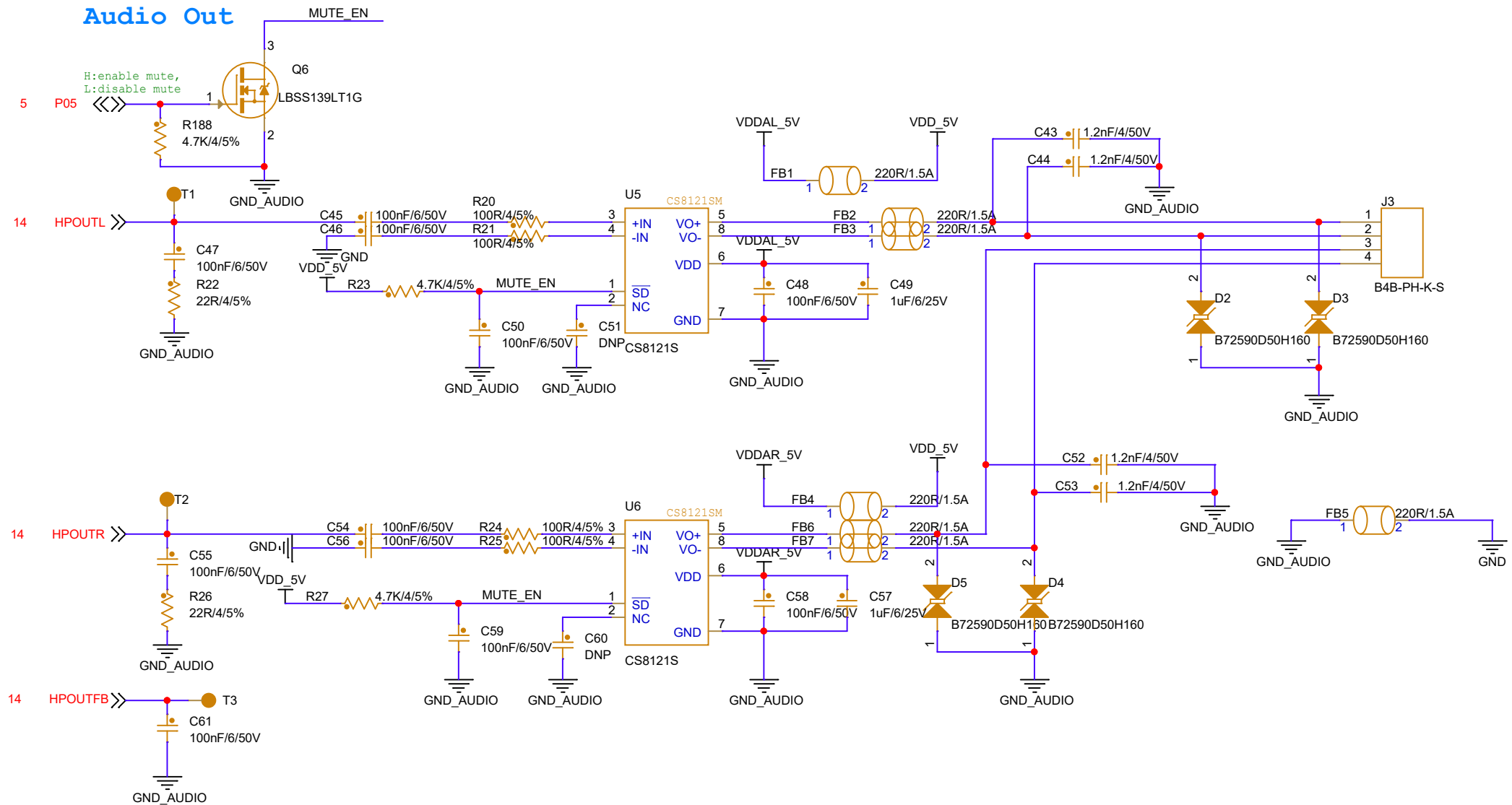
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Title: Power Tree			
Size: A3	Document Number: SCH-MYB-YT113X-V10	Rev: V1.0	
Draw By: MYIR	Date: Friday, February 24, 2023	Sheet: 3 of 15	




<Variant Name>

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		Title: IO EXPANDER	
Size: A4	Document Number: SCH-MYB-YG2LX-V10	Rev: V1.0	
Draw By: MYIR	Date: Friday, February 24, 2023	Sheet: 5 of 15	

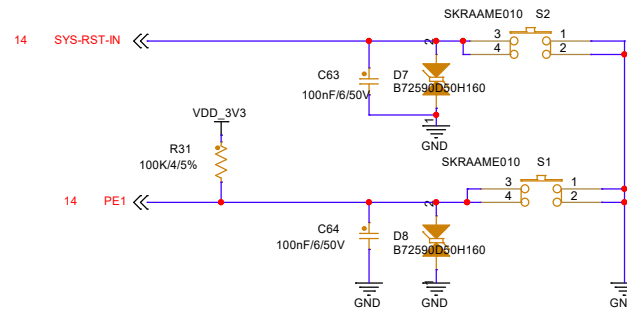
Audio Out



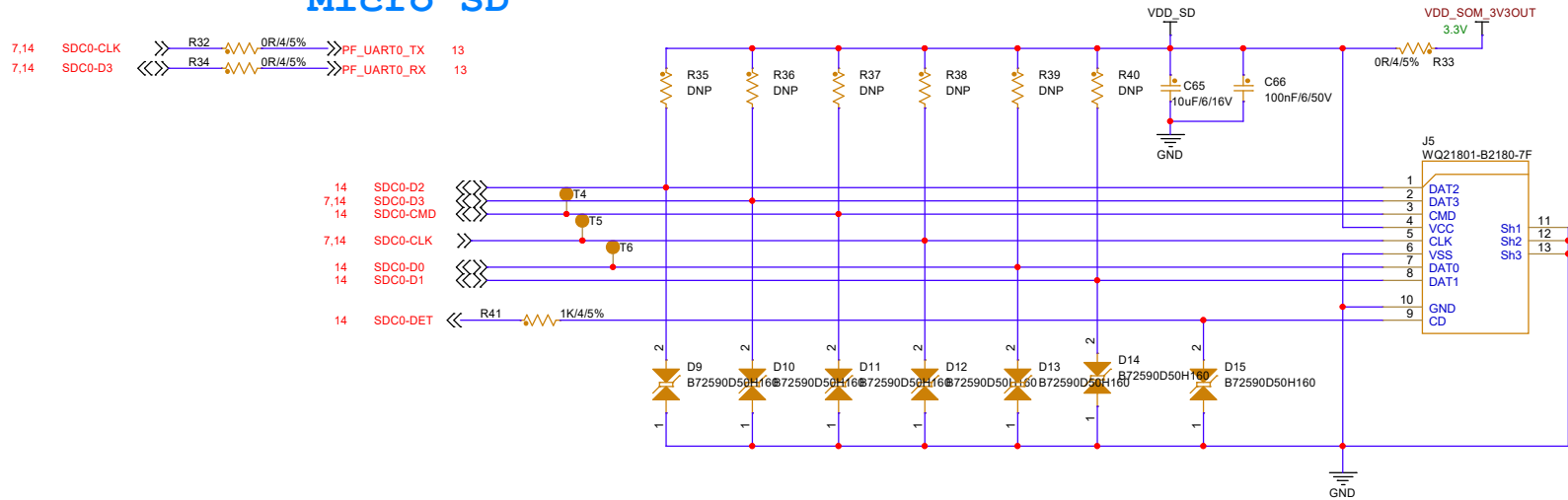
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		Title: Audio OUT	
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Draw By: MYIR	Date: Friday, February 24, 2023	Sheet: 6 of 15	

KEY

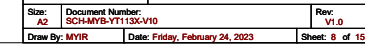


Micro SD

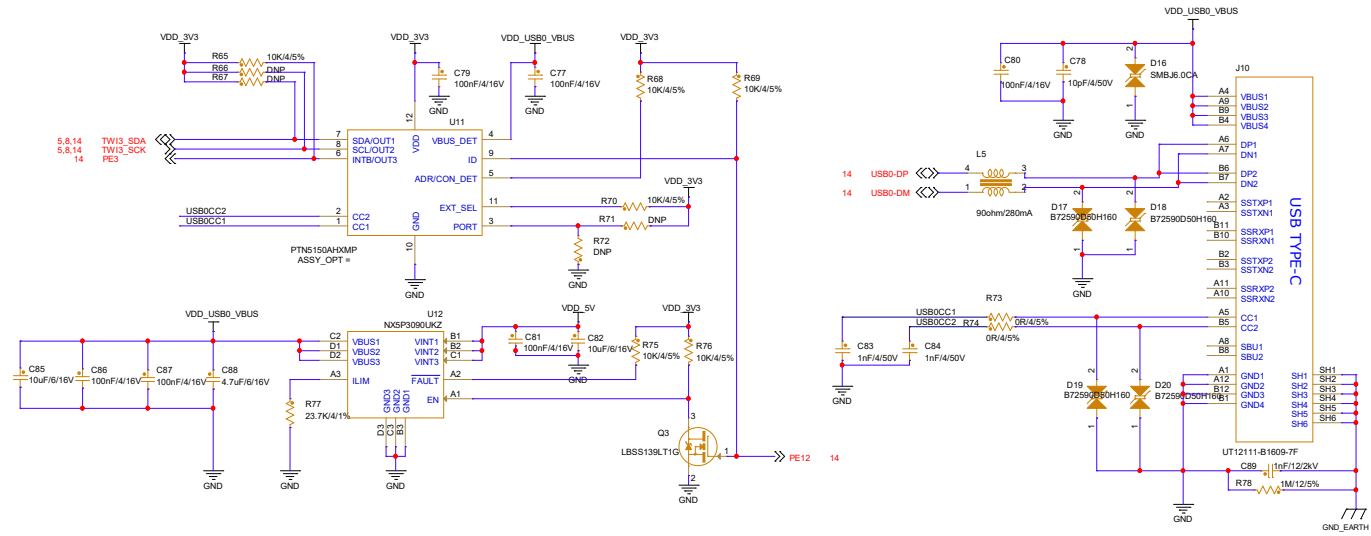


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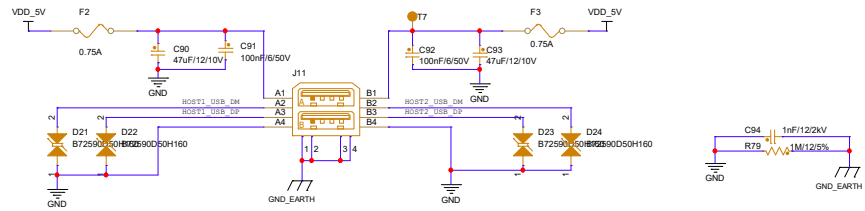
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Size: A3		Document Number: SCH-MYB-YT113X-V10	
Draw By: MYIR		Date: Friday, February 24, 2023	
		Rev: V1.0	
		Sheet: 7 of 15	



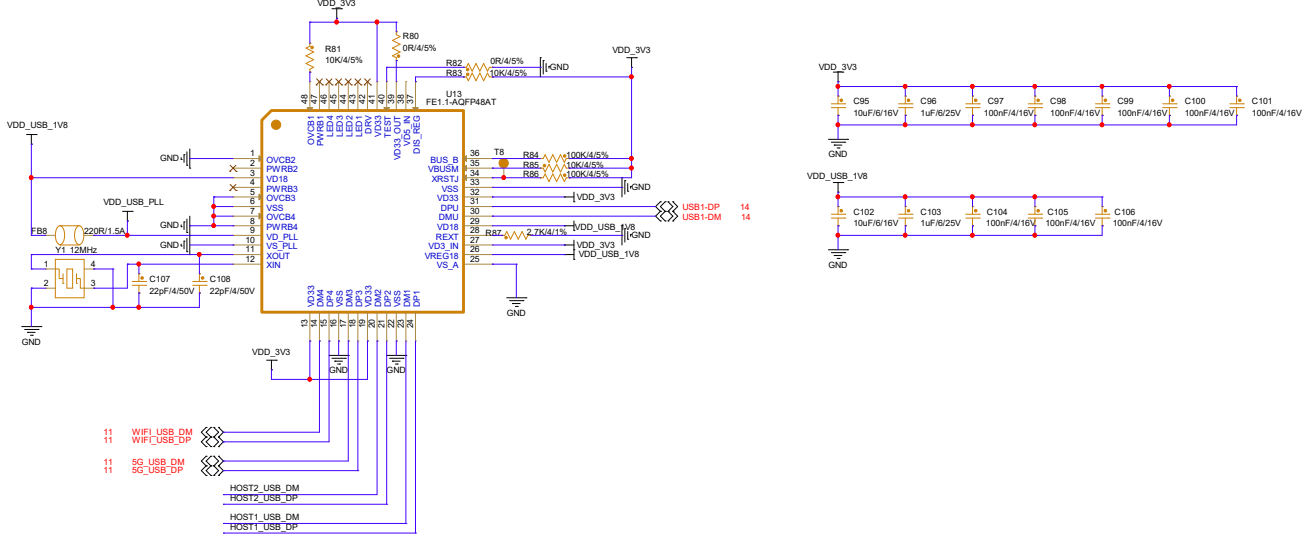
USB C (OTG/DRP)



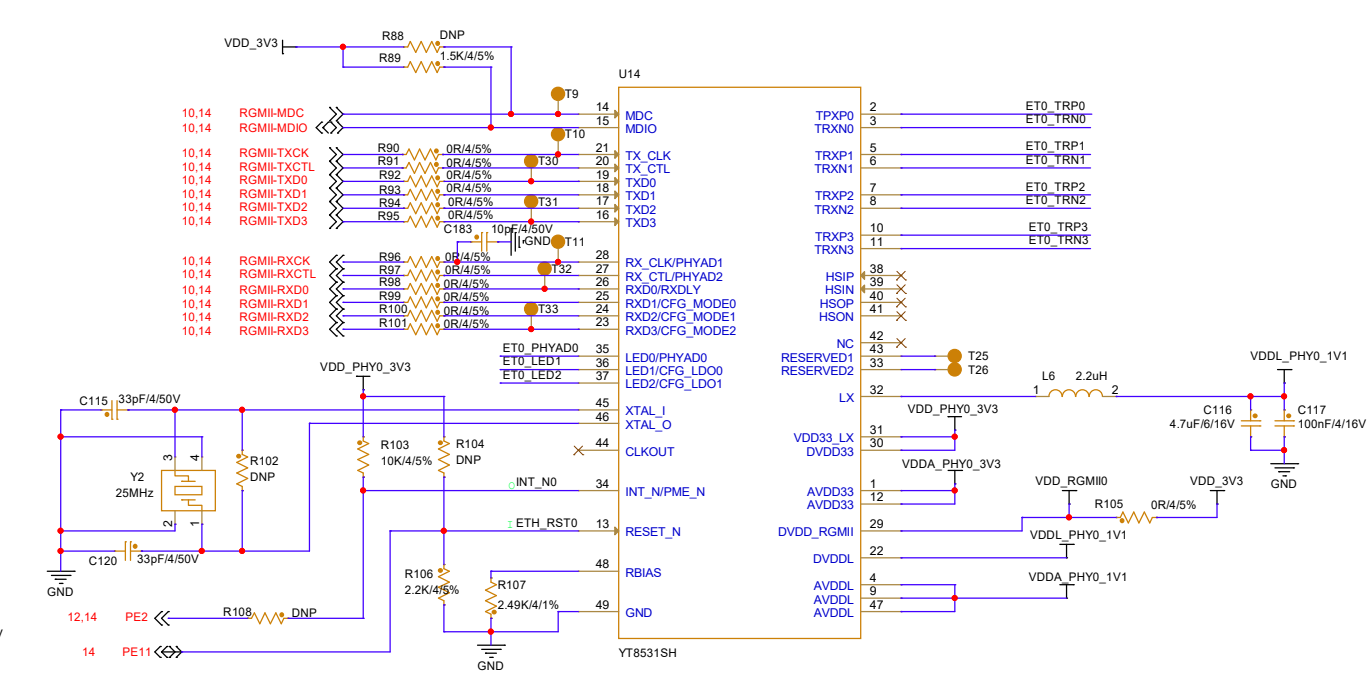
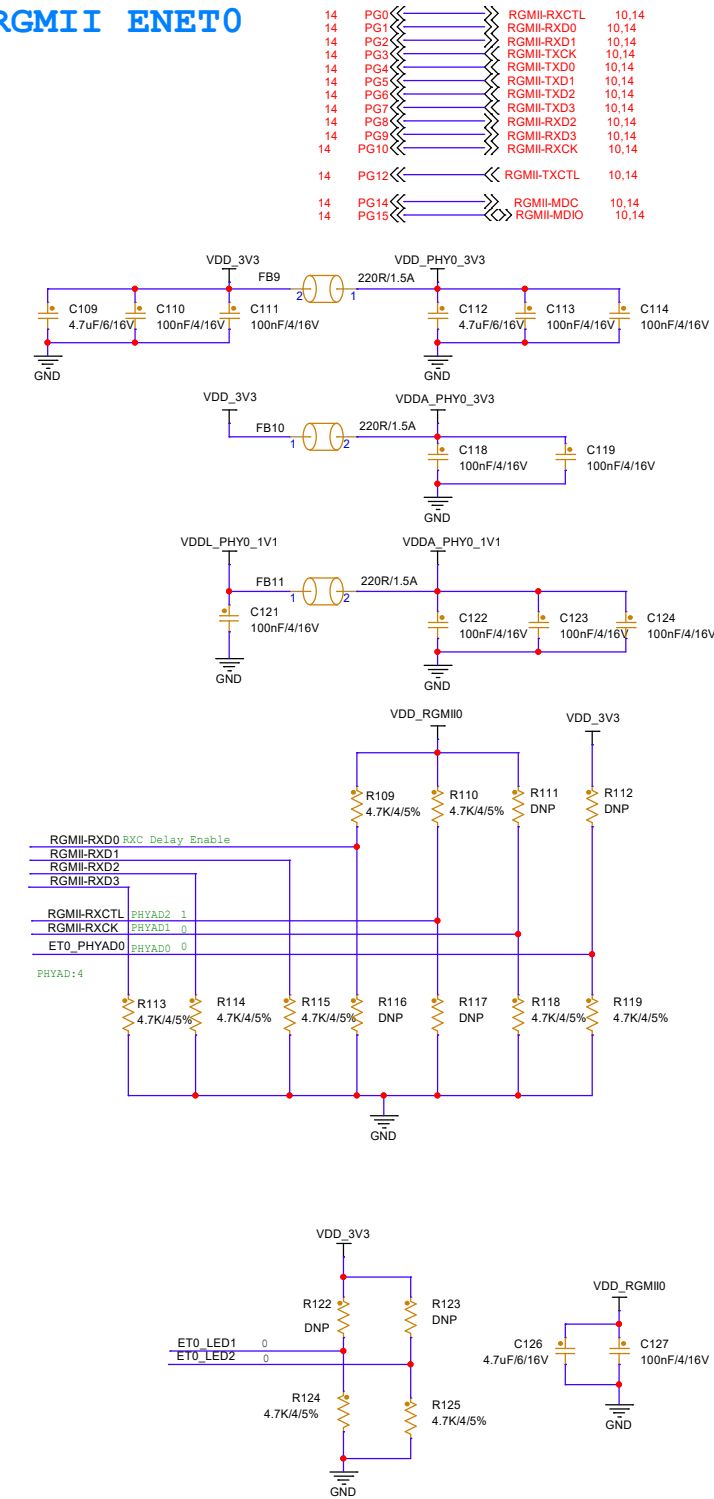
USB HOST



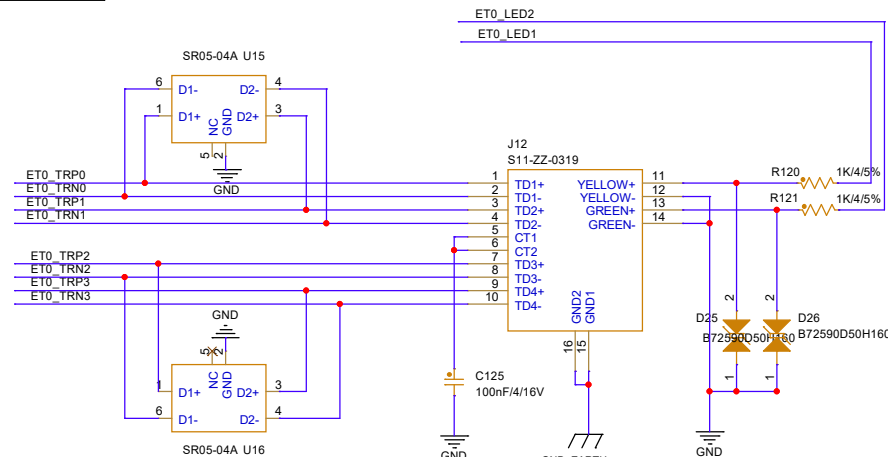
USB HUB



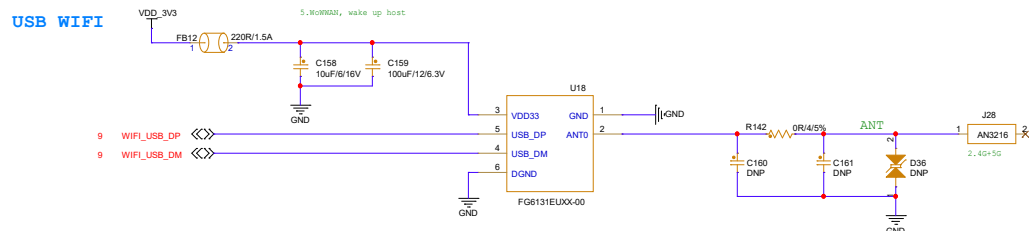
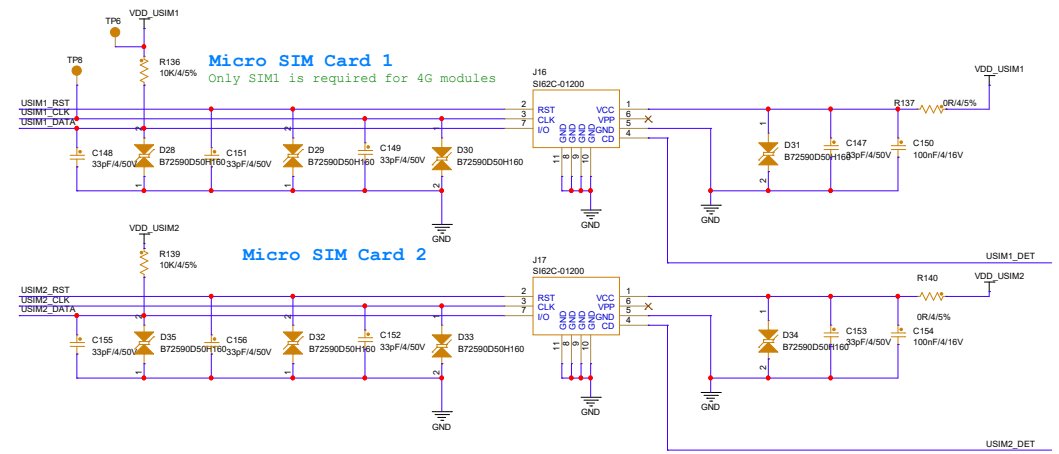
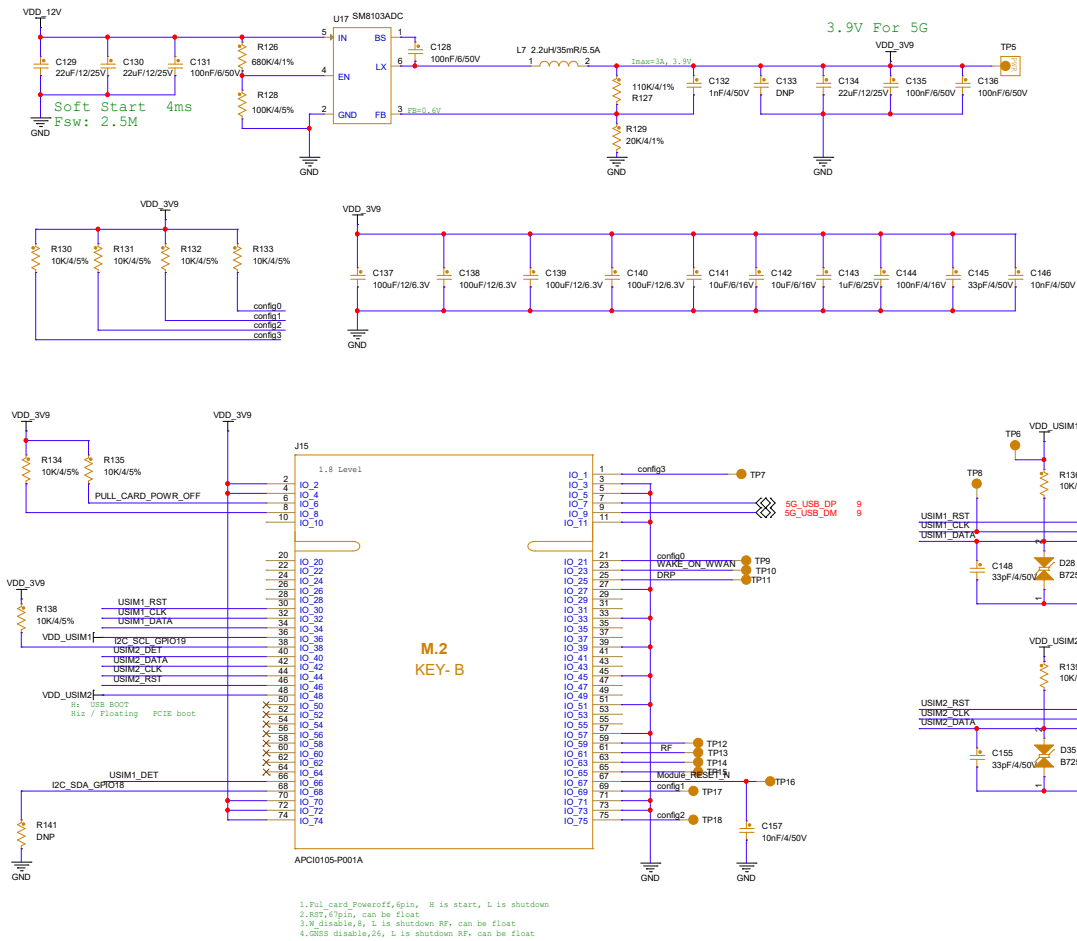
RGMII ENET0



RXD[3:1]	Operation Mode
3'b000	UTP <=> RGMII
3'b001	FIBER <=> RGMII
3'b010	UTP/FIBER <=> RGMII
3'b011	UTP <=> SGMII
3'b100	SGMII (PHY) <=> RGMII
3'b101	SGMII (MAC) <=> RGMII
3'b110	UTP <=> FIBER (AUTO)
3'b111	UTP <=> FIBER (FORCE)

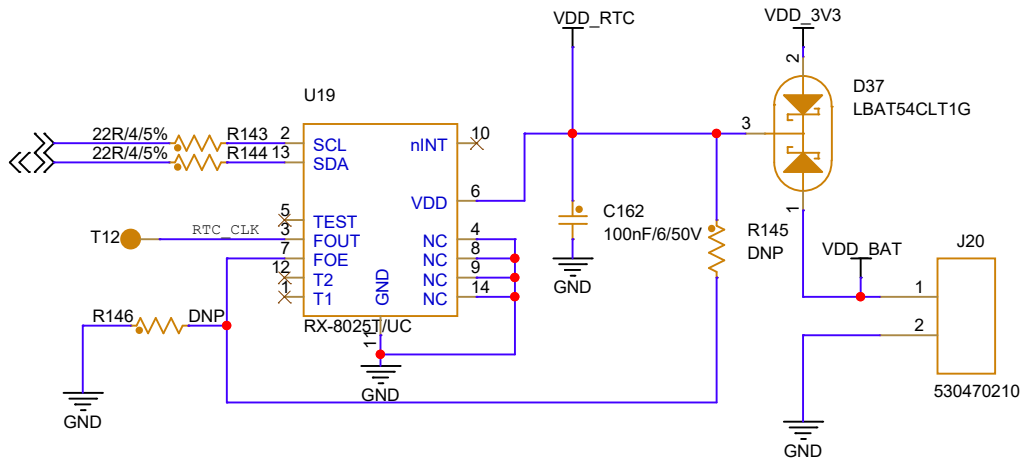


M.2 KEY-B 5G/4G

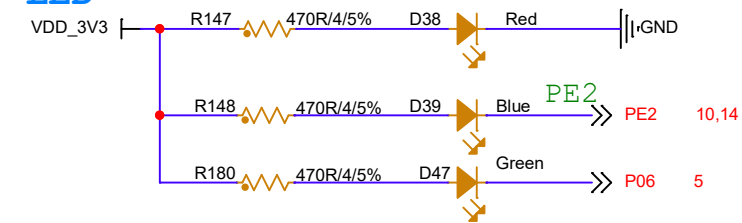


RTC

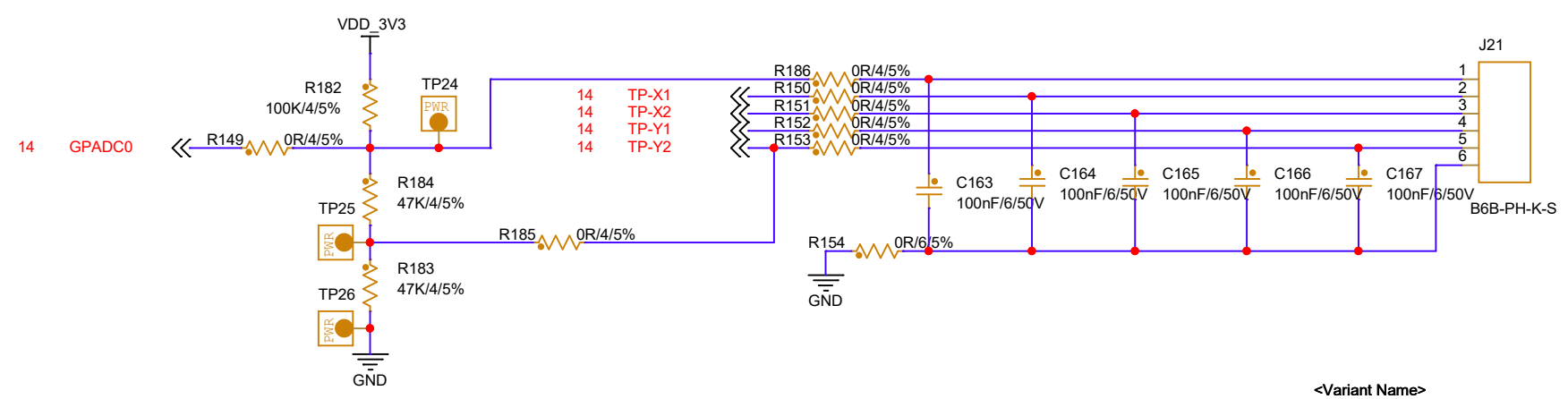
5,8,14 TWI1_SCK
5,8,14 TWI1_SDA




LED

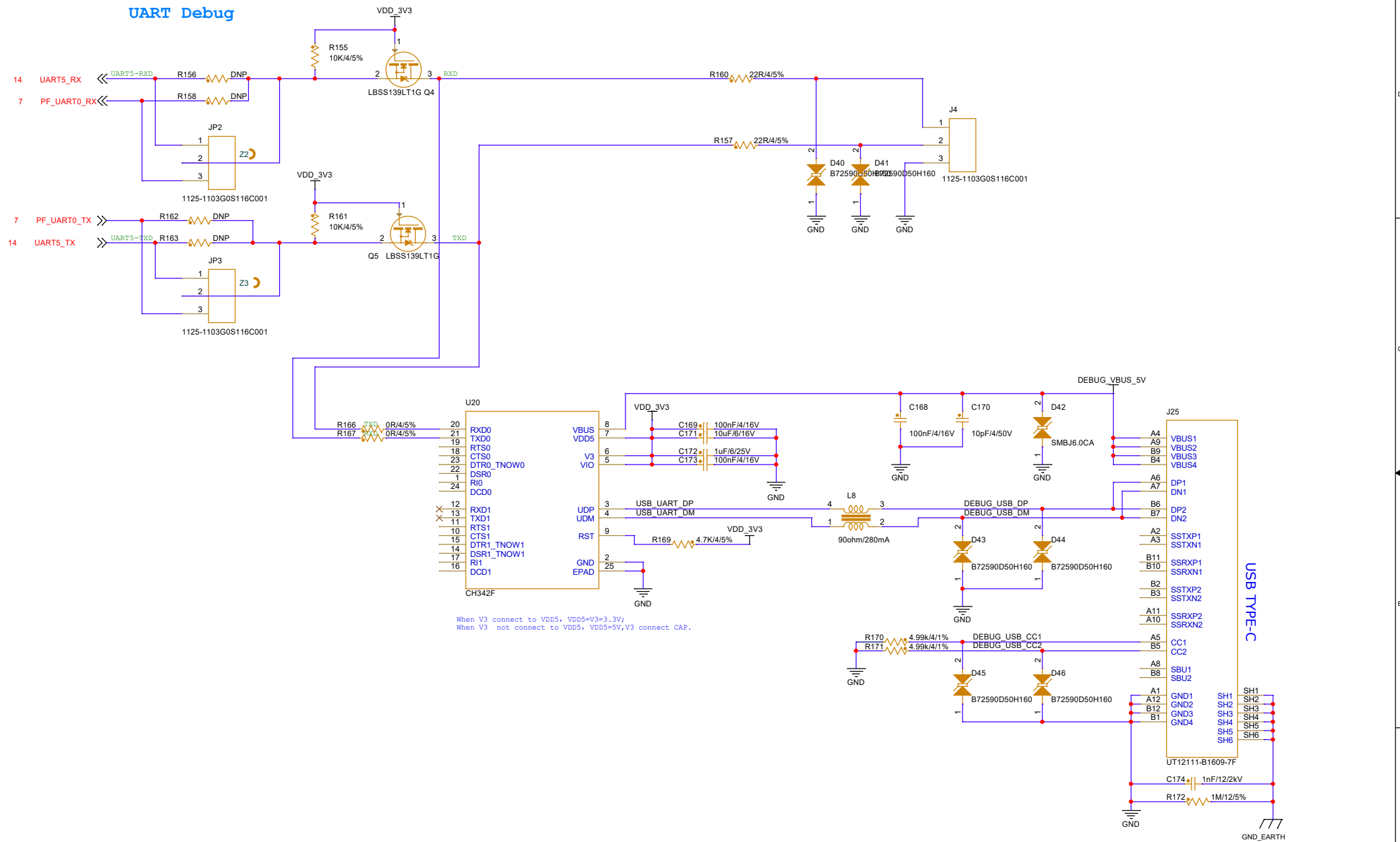


ADC




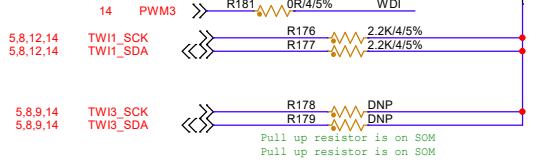
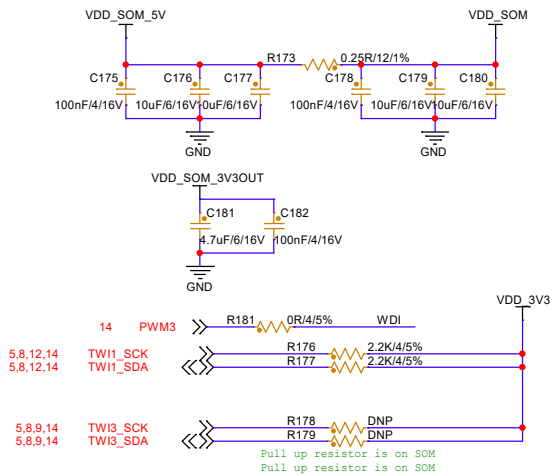
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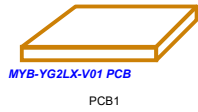
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		Title: MISC	
Size: A4	Document Number: SCH-MYB-YT113X-V10		Rev: V1.0
Draw By: MYIR		Date: Friday, February 24, 2023	Sheet: 12 of 15



<Variant Name>

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Draw By: MYIR		Date: Friday, February 24, 2023	
Rev: V1.0		Sheet: 13 of 15	

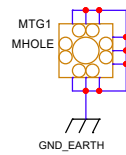




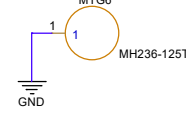
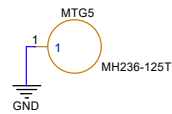
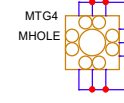
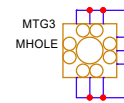
GND Test Point



MYIR PCB Template



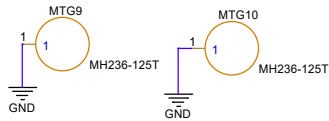
Board Mechanical Hole



Mechanical Hole for Mounting RaspberryPi Board




Mechanical Hole for Mounting 5G Module



Mechanical Hole for the radiator

<Variant Name>

		http://www.myir-tech.com	
Title: Mechanical			
Size: A3	Document Number: SCH-MYB-YT113X-V10	Rev: V1.0	
Draw By: MYIR	Date: Friday, February 24, 2023	Sheet: 15 of 15	