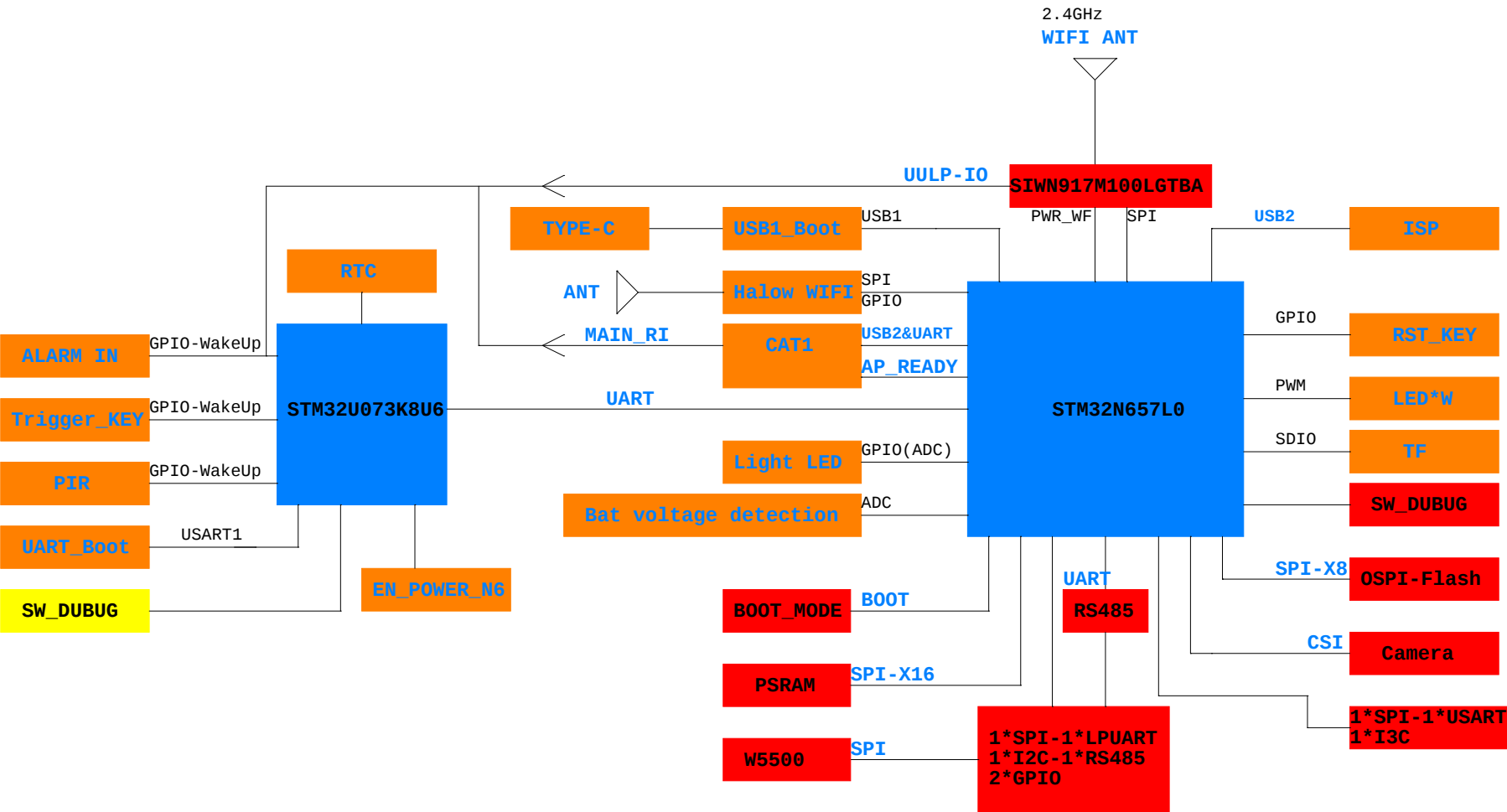
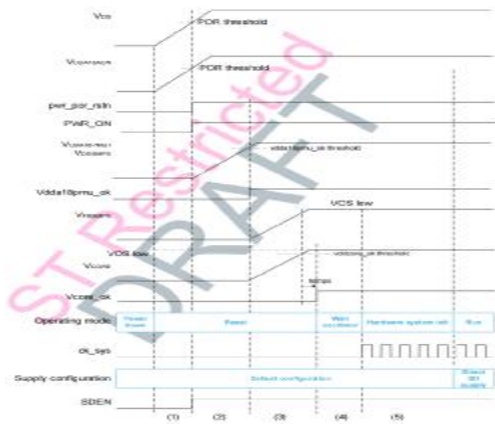
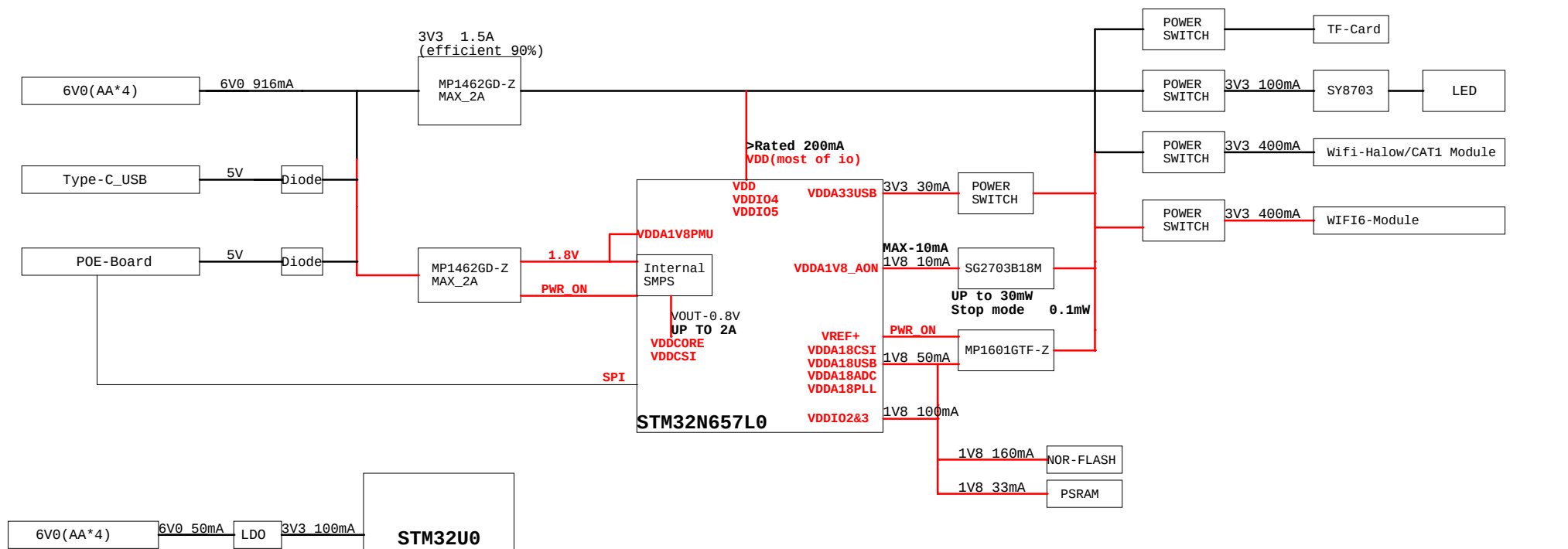


BLOCK DIAGRAM



POWER TREE



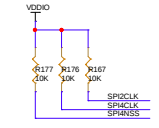
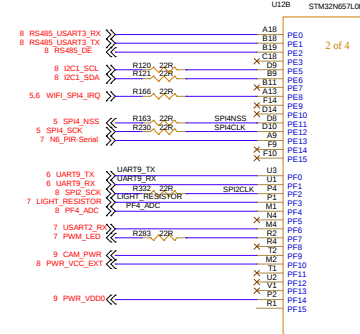
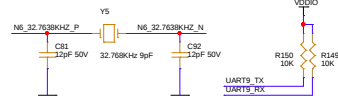
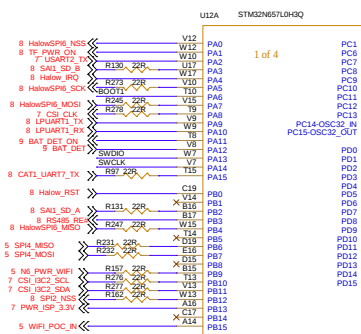
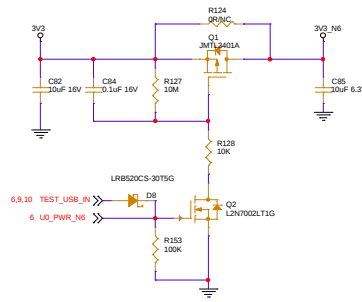
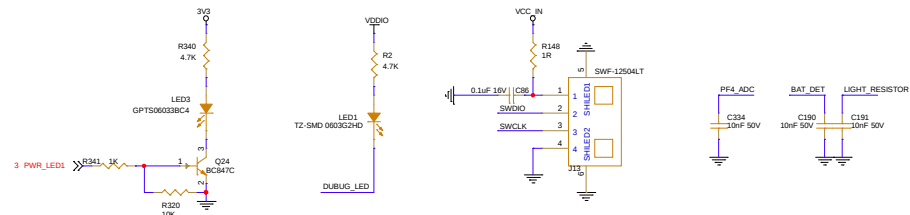
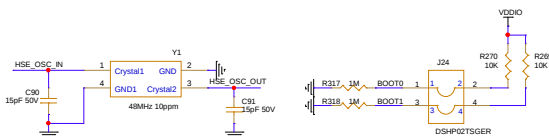
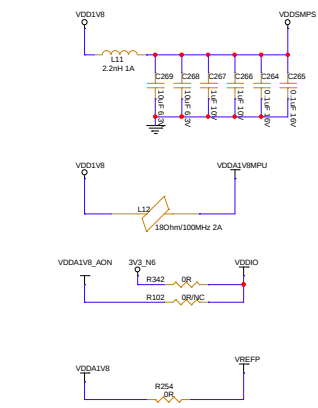
STM32N6

STM32N657L0H3Q Power Doamins

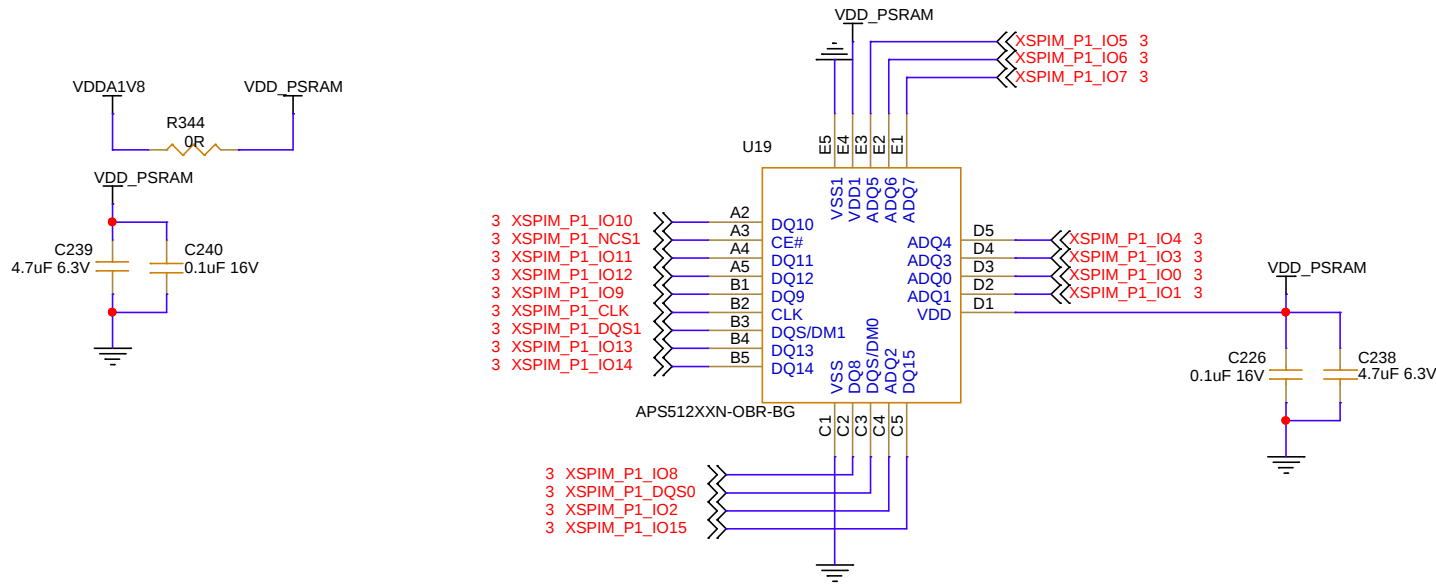
DC/DC

Boot Switch

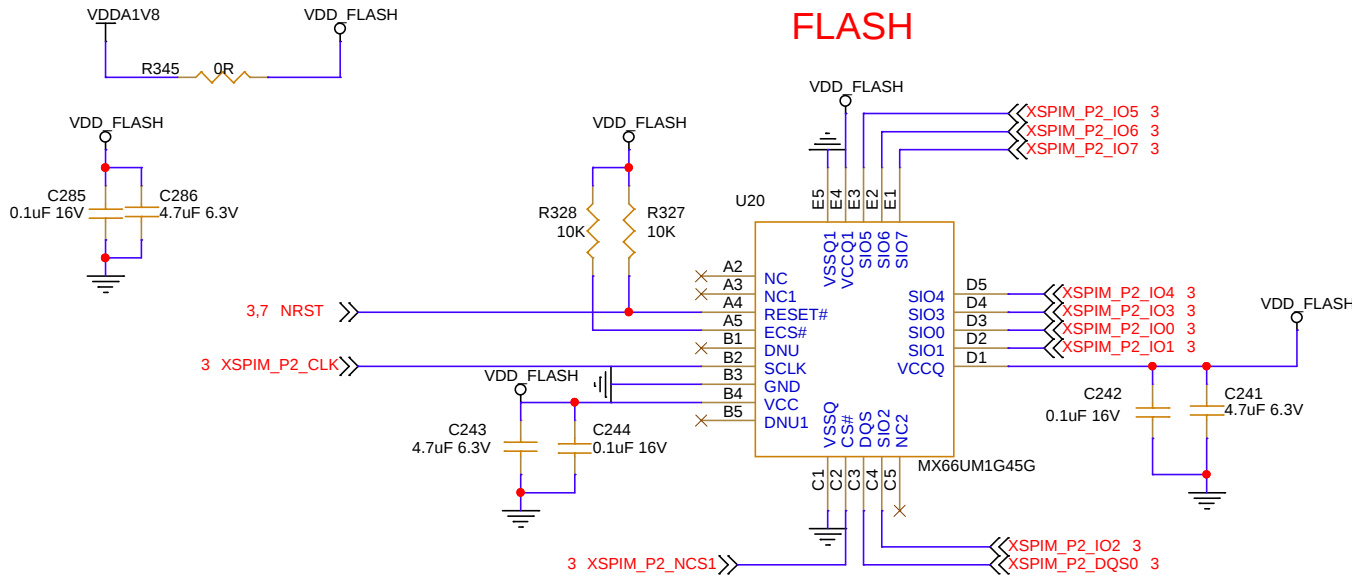
SYS-LED



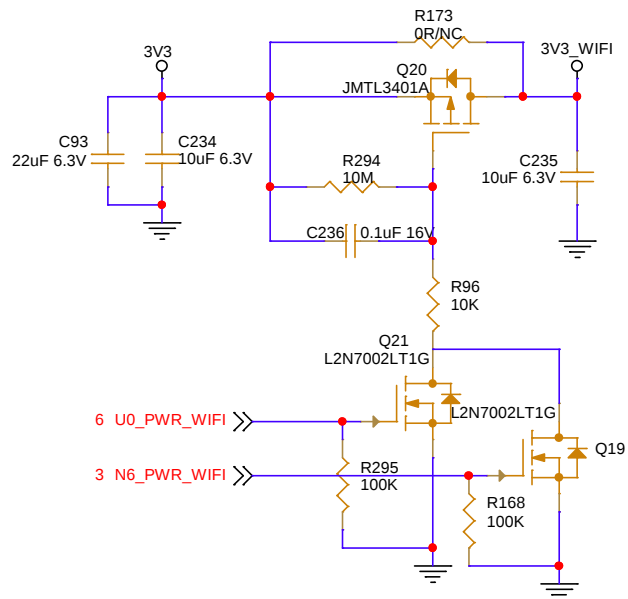
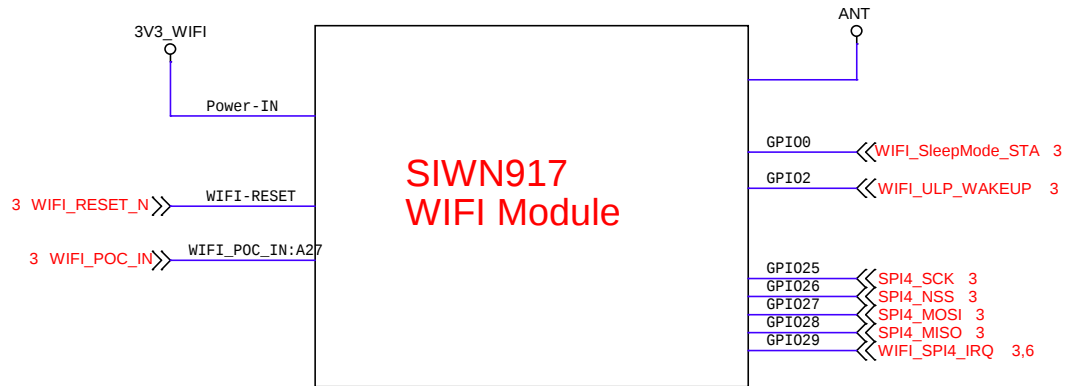
PSRAM



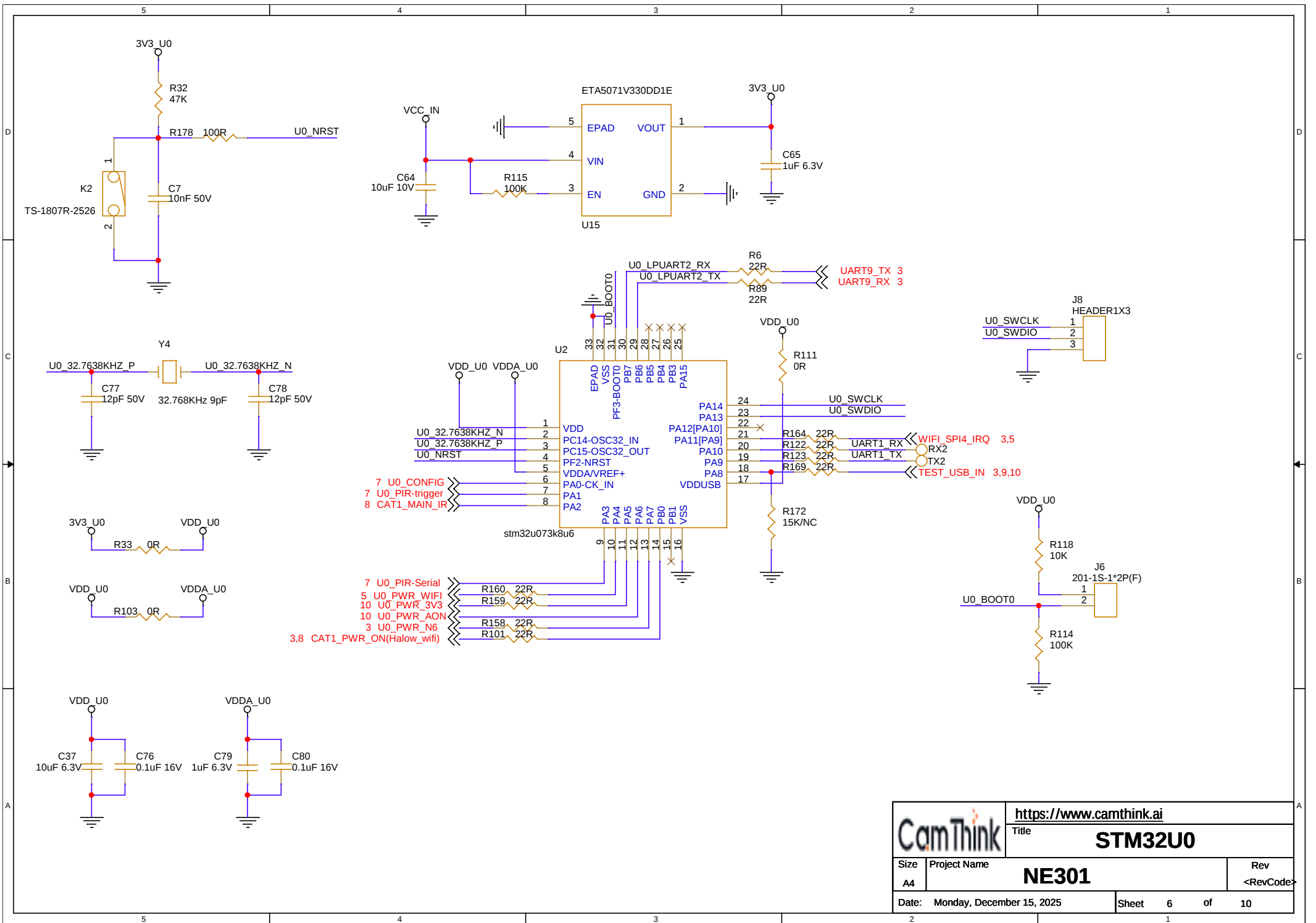
FLASH



CamThink		https://www.camthink.ai	
Size		Title	
A4		PSRAM/FLASH	
Date: Monday, December 15, 2025		Rev	
Sheet 4 of 10		<RevCode>	

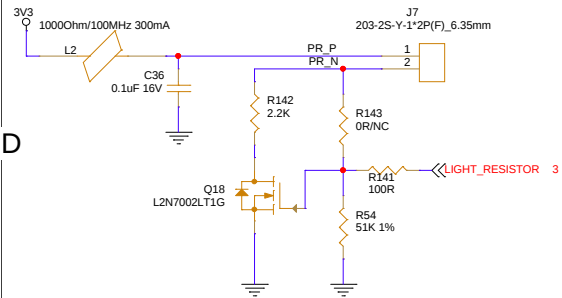


CamThink		https://www.camthink.ai	
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A4		NE301	
Date:		Monday, December 15, 2025	
Sheet		5 of 10	
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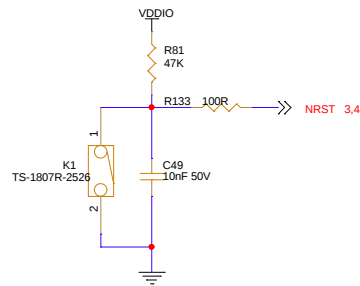


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Date: Monday, December 15, 2025		Sheet 6 of 10	

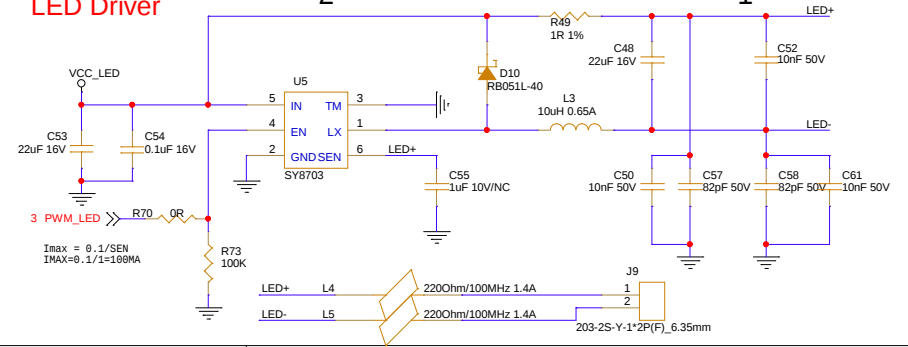
5 Photo-Diode detect



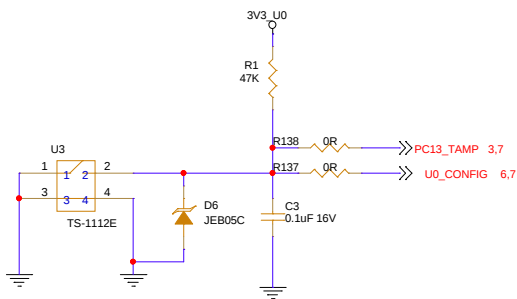
Reset



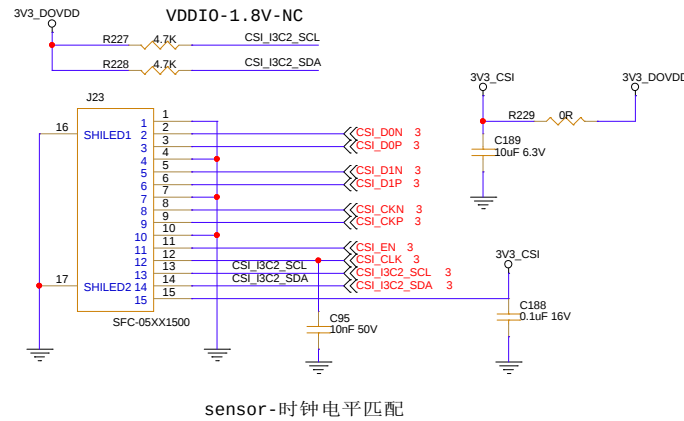
LED Driver



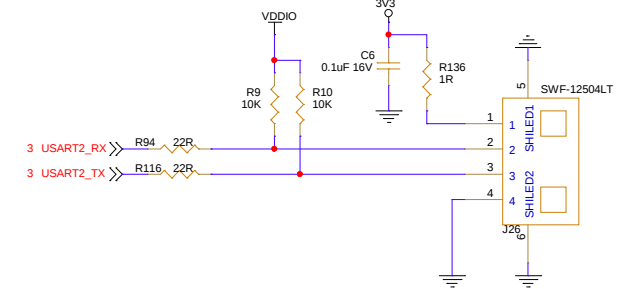
Trigger Button



MIPI for CMOS Sensor

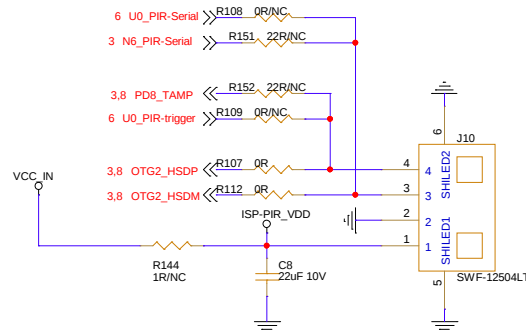


UART(Debug Port)

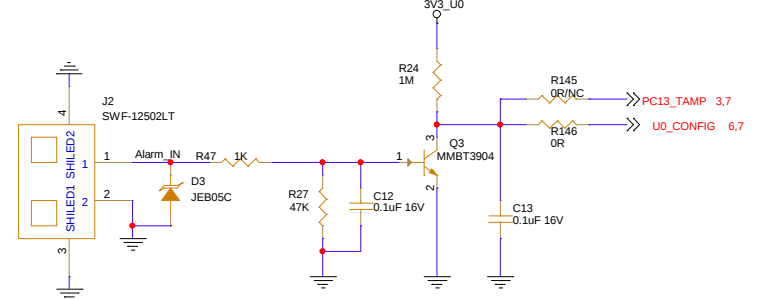


sensor-时钟电平匹配

PIR or UVC

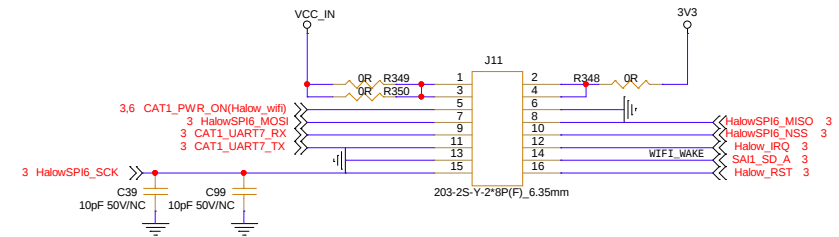
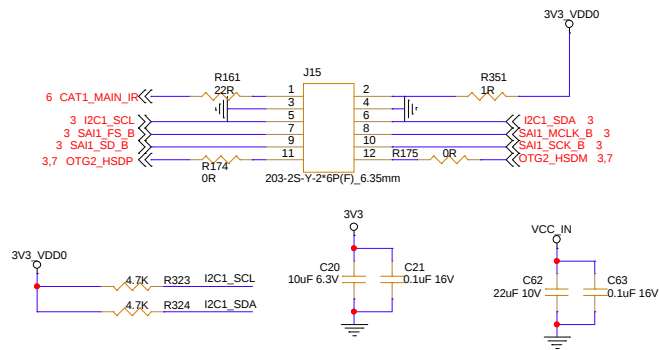


Alarm-In

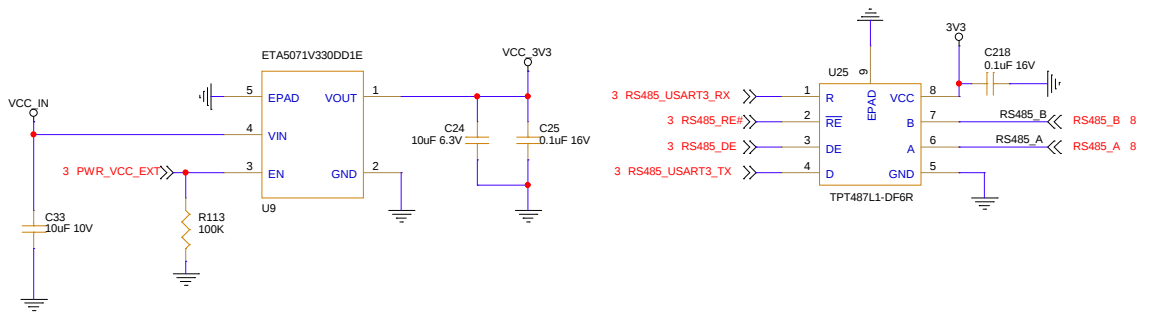
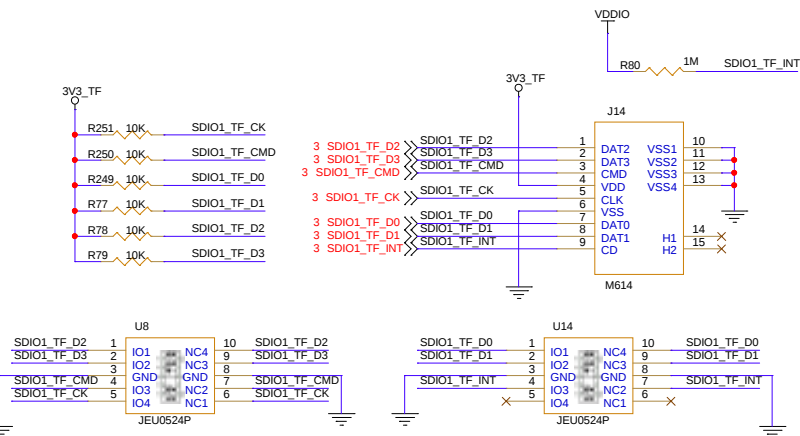
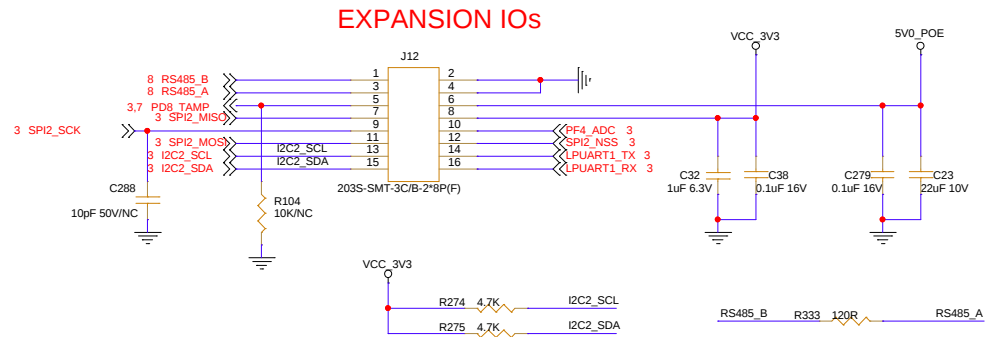
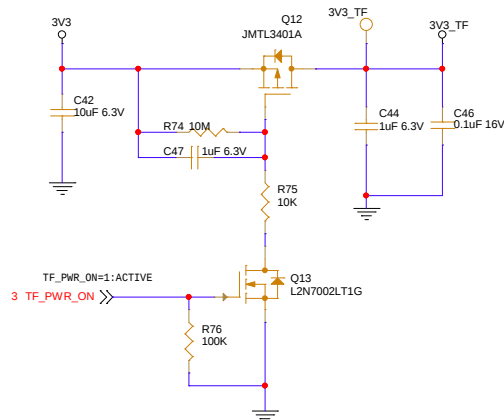


CamThink		https://www.camthink.ai	
Size		Title	
A3		NE301	
Date: Monday, December 15, 2025		Rev <RevCode>	
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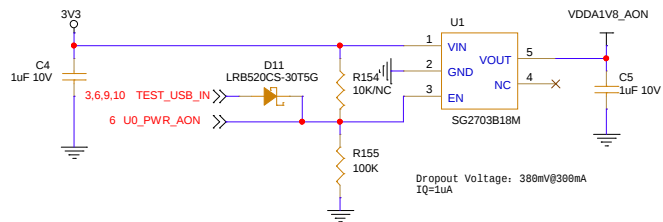
IOs for Communication Module



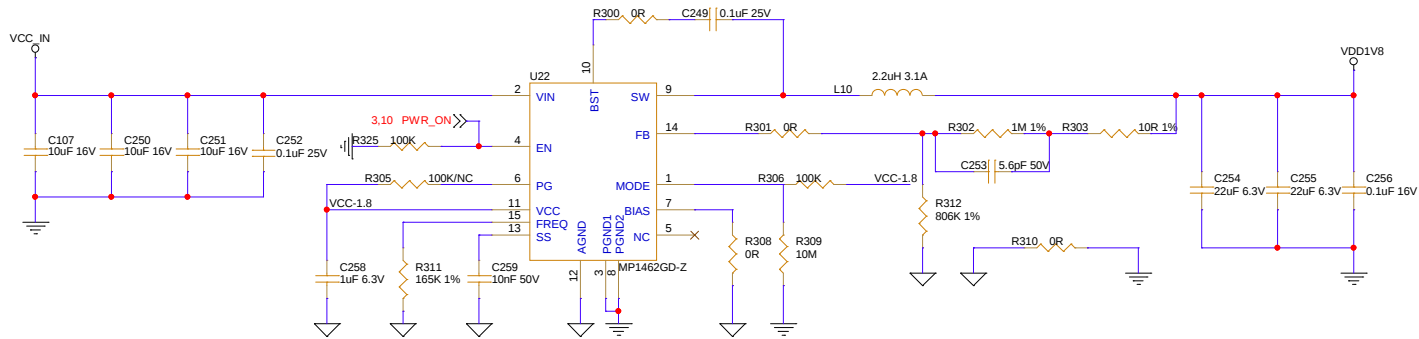
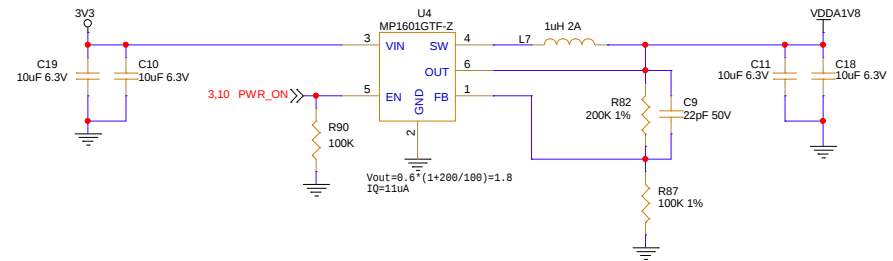
TF Card



CamThink		https://www.camthink.ai	
Title		Headers & TF-Card	
Size	Project Name	NE301	
A3		<RevCode>	
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VIN-->1V8



VIN-->3V3

