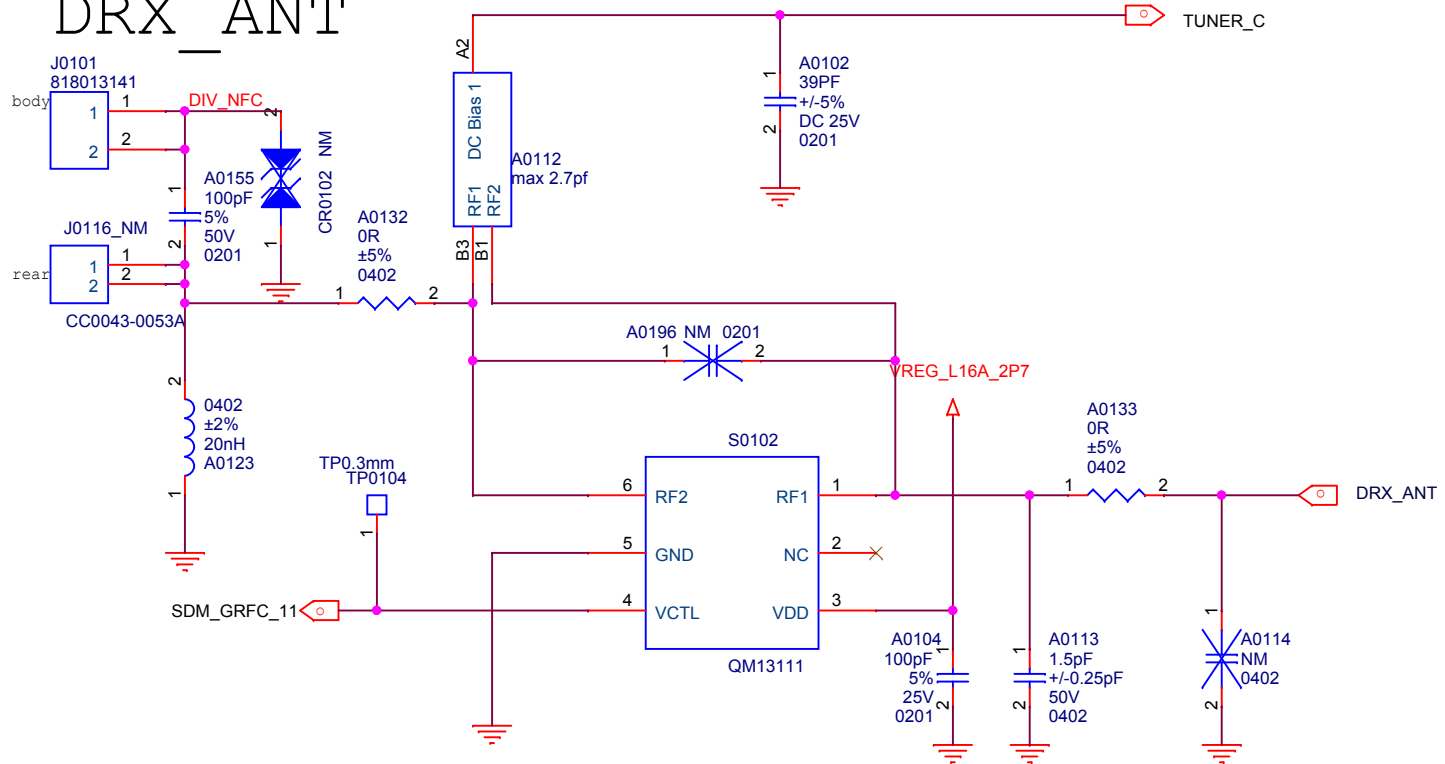
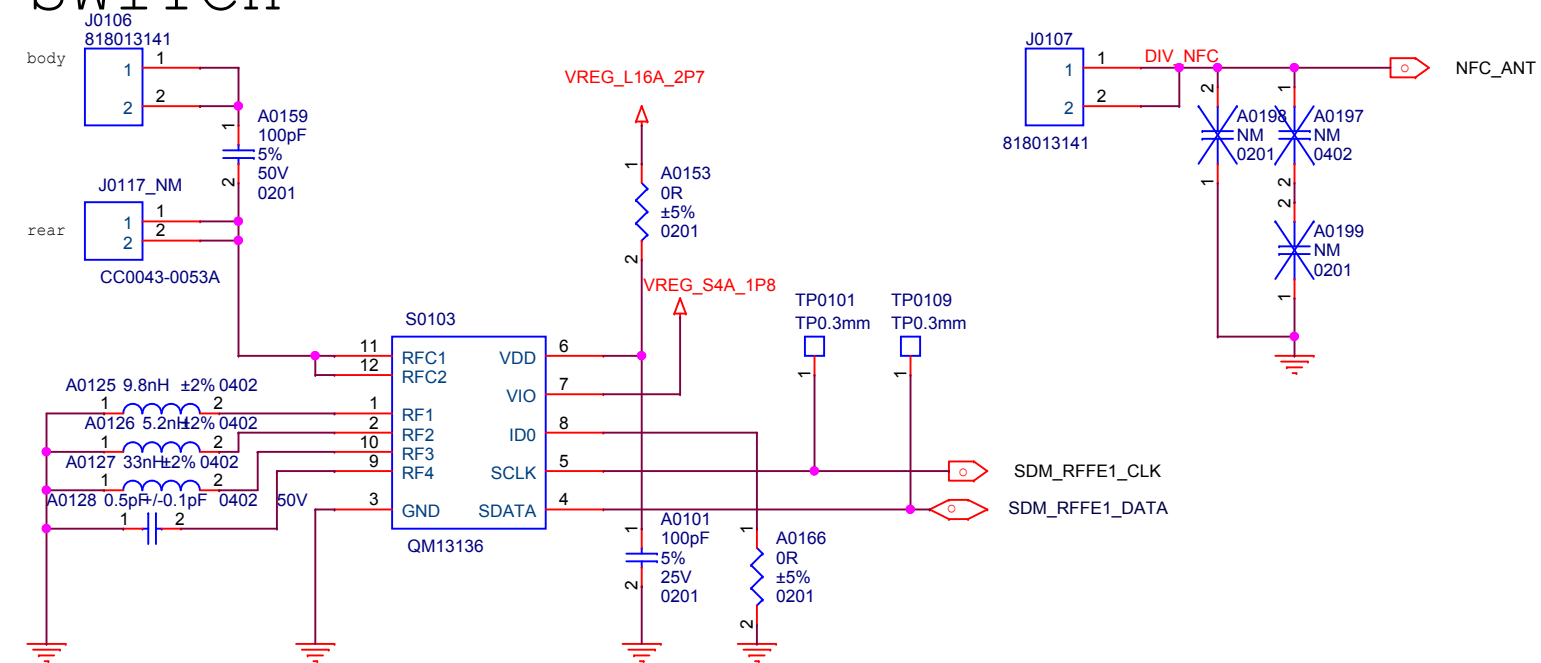


PAGE01 ALL ANT <sub>s</sub>	PAGE31 SDM Control	PAGE01 ALL ANT <sub>s</sub>
PAGE02 Reserved(for ANT)	PAGE32 SDM GPIO-1	PAGE01 ALL ANT <sub>s</sub>
PAGE03 PRX	PAGE33 SDM GPIO-2	PAGE01 ALL ANT <sub>s</sub>
PAGE04 DRX	PAGE34 SDM MIPI	PAGE01 ALL ANT <sub>s</sub>
PAGE05 Reserved(for PRX/DRX)	PAGE35 Reserved(for MIPI)	PAGE01 ALL ANT <sub>s</sub>
PAGE06 PA1	PAGE36 SDM855 RF INTF	PAGE01 ALL ANT <sub>s</sub>
PAGE07 PA2	PAGE37 SDM PWR1	PAGE01 ALL ANT <sub>s</sub>
PAGE08 Reserverd (for RF PA)	PAGE38 SDM PWR2	PAGE01 ALL ANT <sub>s</sub>
PAGE09 RF DC-DC	PAGE39 SDM PWR3	PAGE01 ALL ANT <sub>s</sub>
PAGE10 QLN PRX	PAGE40 SDM PWR4	PAGE01 ALL ANT <sub>s</sub>
PAGE11 QLN DRX	PAGE41 SDM GND	PAGE01 ALL ANT <sub>s</sub>
PAGE12 Reserverd(for LAN)	PAGE42 PM855 XO&CTRL	PAGE01 ALL ANT <sub>s</sub>
PAGE13 WTR Interface	PAGE43 PM855 BUCK CONVERTER1	PAGE01 ALL ANT <sub>s</sub>
PAGE14 WTR PWR	PAGE44 PM855 BUCK CONVERTER2	PAGE01 ALL ANT <sub>s</sub>
PAGE15 Reserverd(for WTR)	PAGE45 PM855 LDOs	PAGE01 ALL ANT <sub>s</sub>
PAGE16 Reserved(for 5G-sub 6G)	PAGE46 PM855 GPIO&GND	PAGE01 ALL ANT <sub>s</sub>
PAGE17 Reserved(for 5G-MM Wave)	PAGE47 PM855A CTRL&GND	PAGE01 ALL ANT <sub>s</sub>
PAGE18 Reserved(for 5G-WTR-I)	PAGE48 PM855A BUCK CONVERTER1	PAGE01 ALL ANT <sub>s</sub>
PAGE19 Reserved(for 5G-WTR-P)	PAGE49 PM855A BUCK CONVERTER2	PAGE01 ALL ANT <sub>s</sub>
PAGE20 Reserved(for 5G-DC-DC)	PAGE50 PM855A AMOLED&BOB&FLASH	PAGE01 ALL ANT <sub>s</sub>
PAGE21 Reserved(for 5G-OTHERS)	PAGE51 PM855A LDOs	PAGE01 ALL ANT <sub>s</sub>
PAGE22 NFC	PAGE52 PM855B CTRL&GND	PAGE01 ALL ANT <sub>s</sub>
PAGE23 GPS	PAGE53 PM855B HAPTIC&OTG	PAGE01 ALL ANT <sub>s</sub>
PAGE24 WIFI Interface	PAGE54 PM855B CHARGER	PAGE01 ALL ANT <sub>s</sub>
PAGE25 WIFI FEM	PAGE55 SMB1390&WL POWER	PAGE01 ALL ANT <sub>s</sub>
PAGE26 WIFI Decouping		
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PAGE28 Reserved(for 11ad/11ax)		
PAGE29 Reserved(for Digital FM)		
PAGE30 Reserved(for Analog FM)		

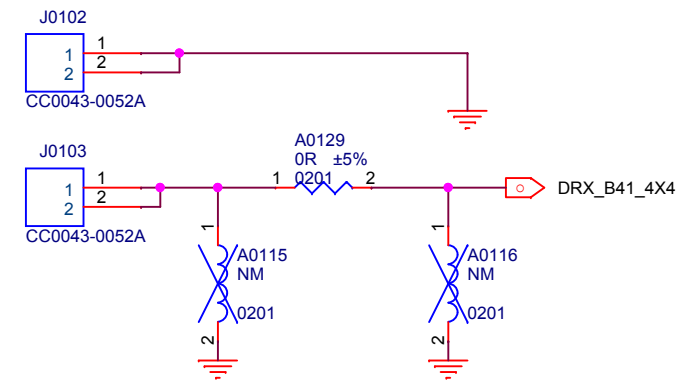
DRX ANT



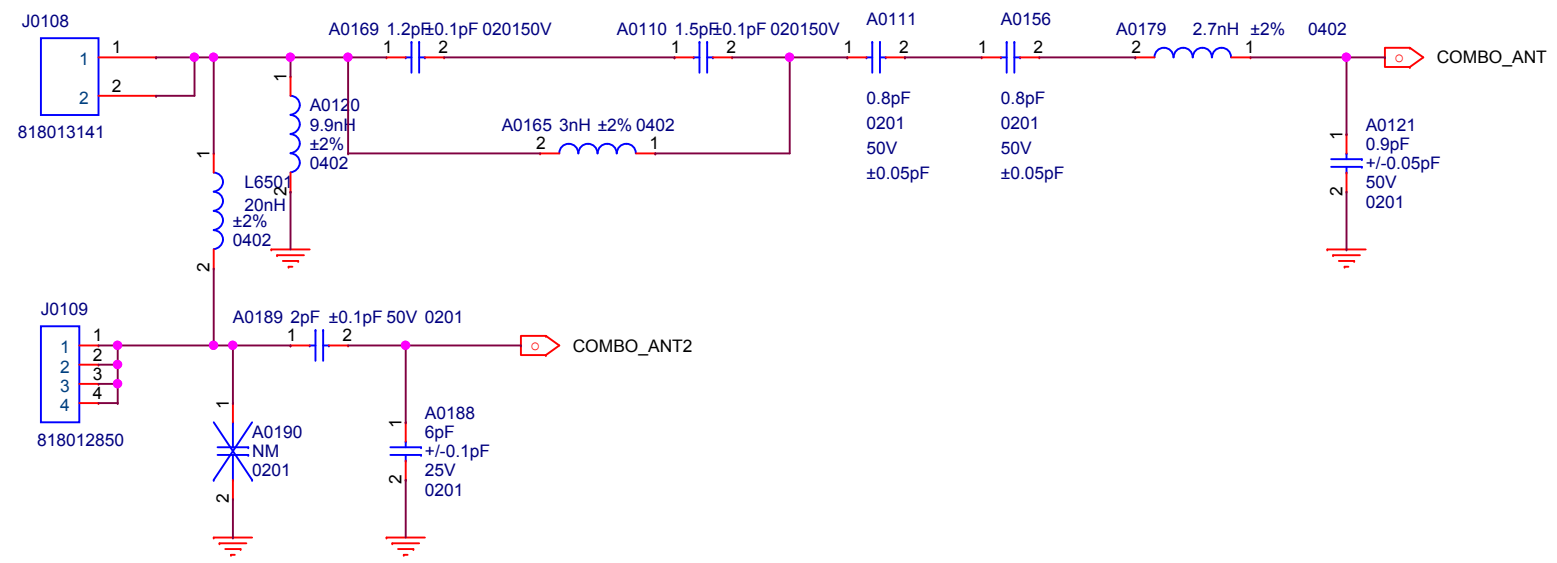
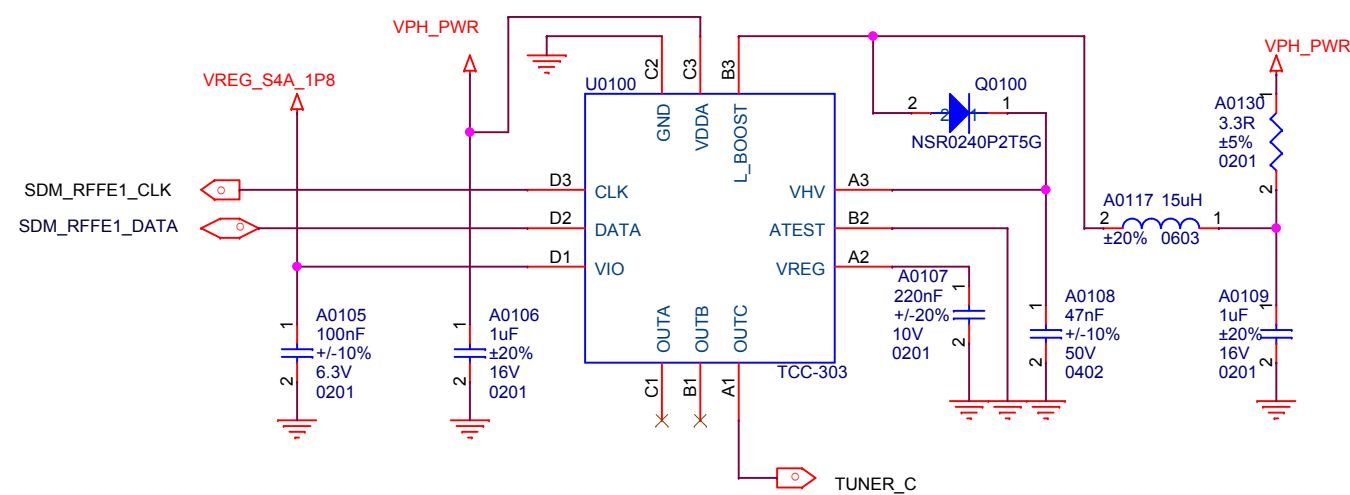
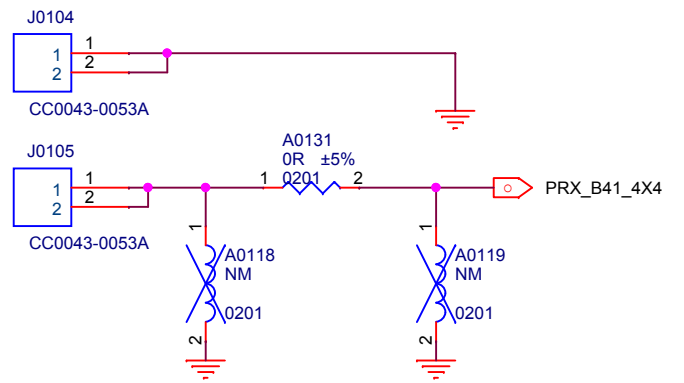
SWITCH



4X4\_MIMO\_ANT3

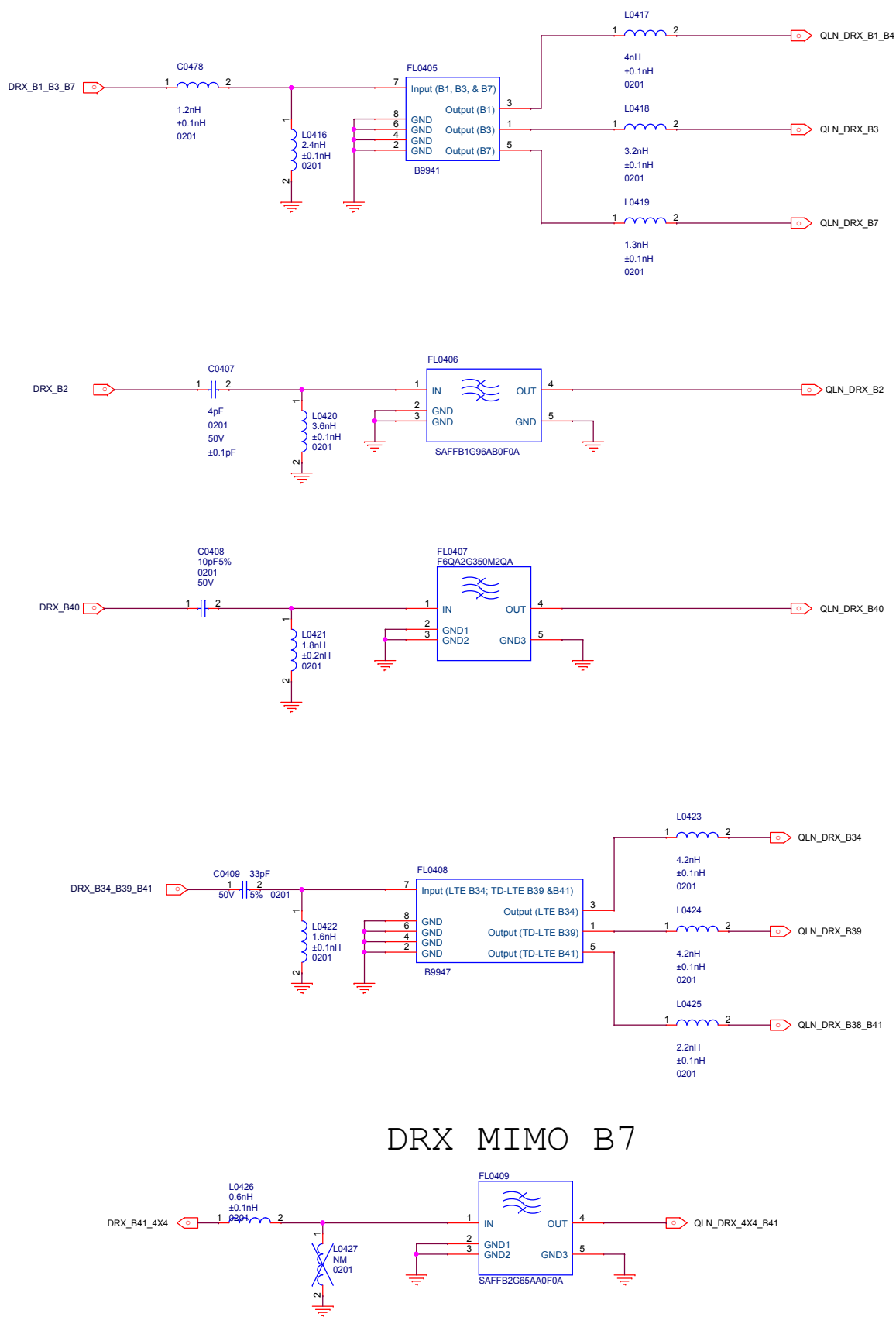
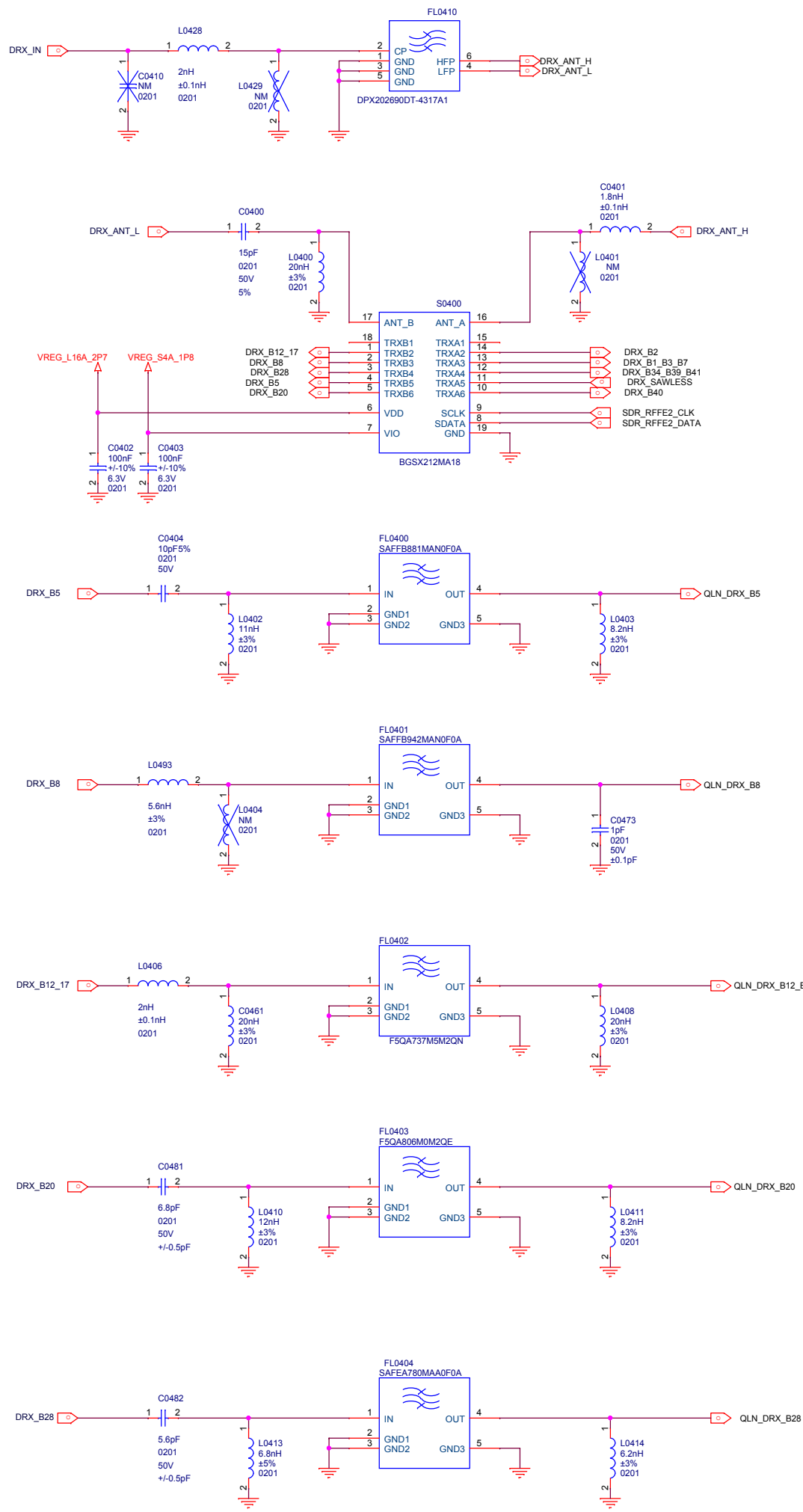


4X4\_MIMO\_ANT4



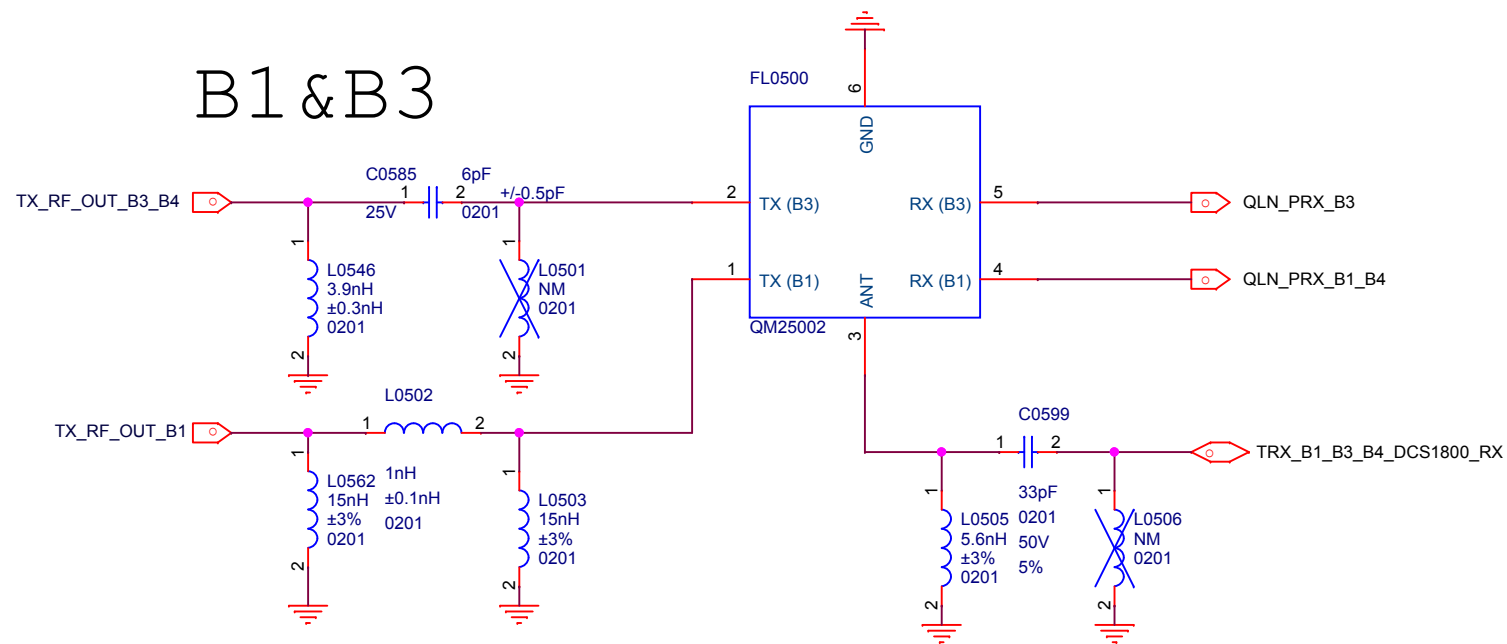




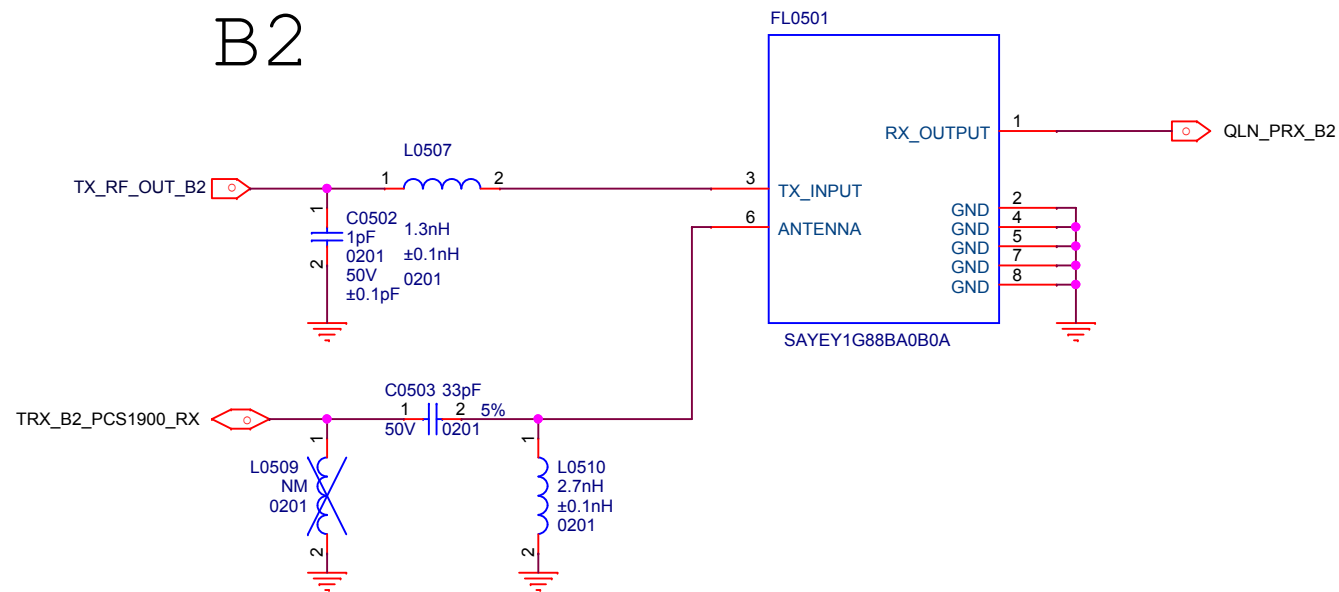


## DRX MIMO B7

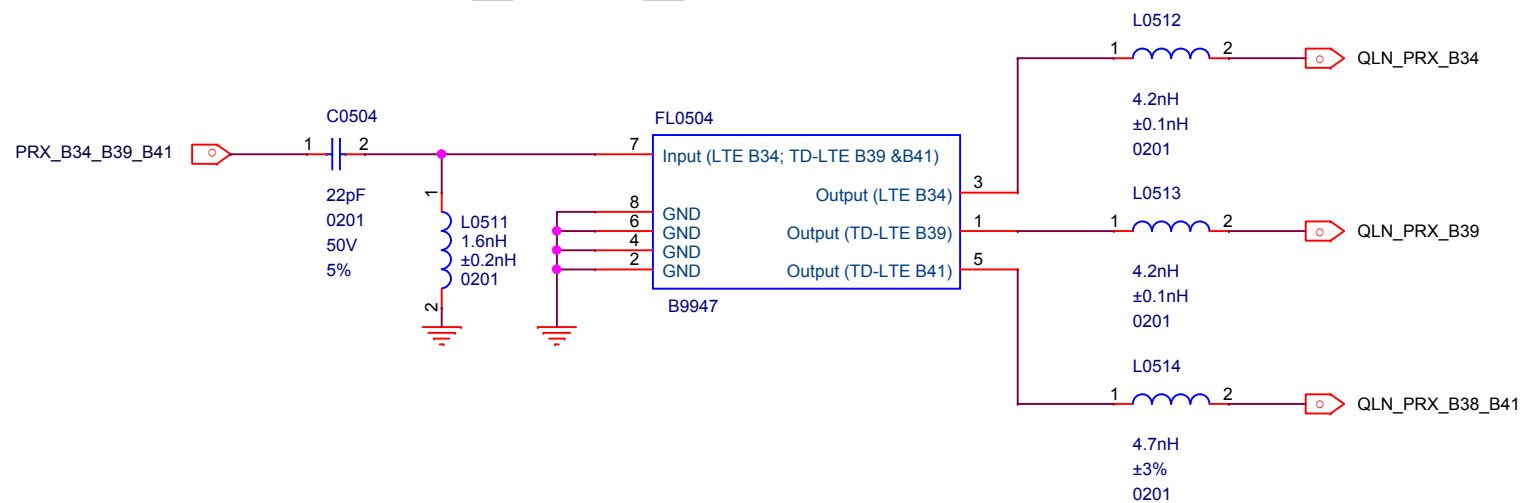
# B1&B3



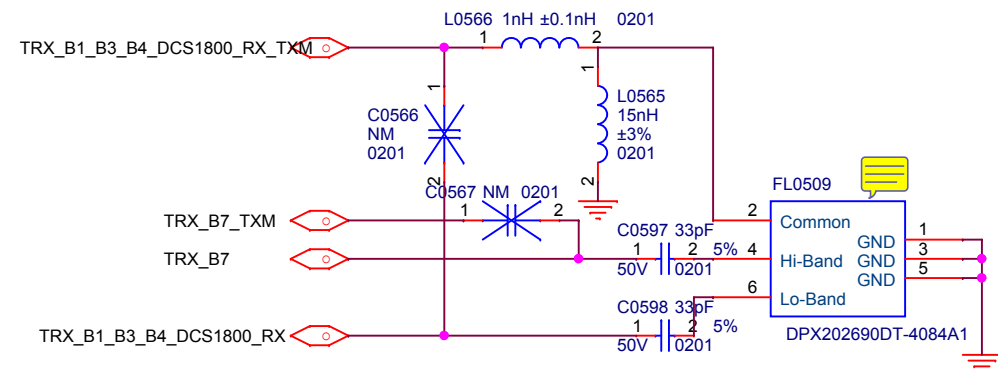
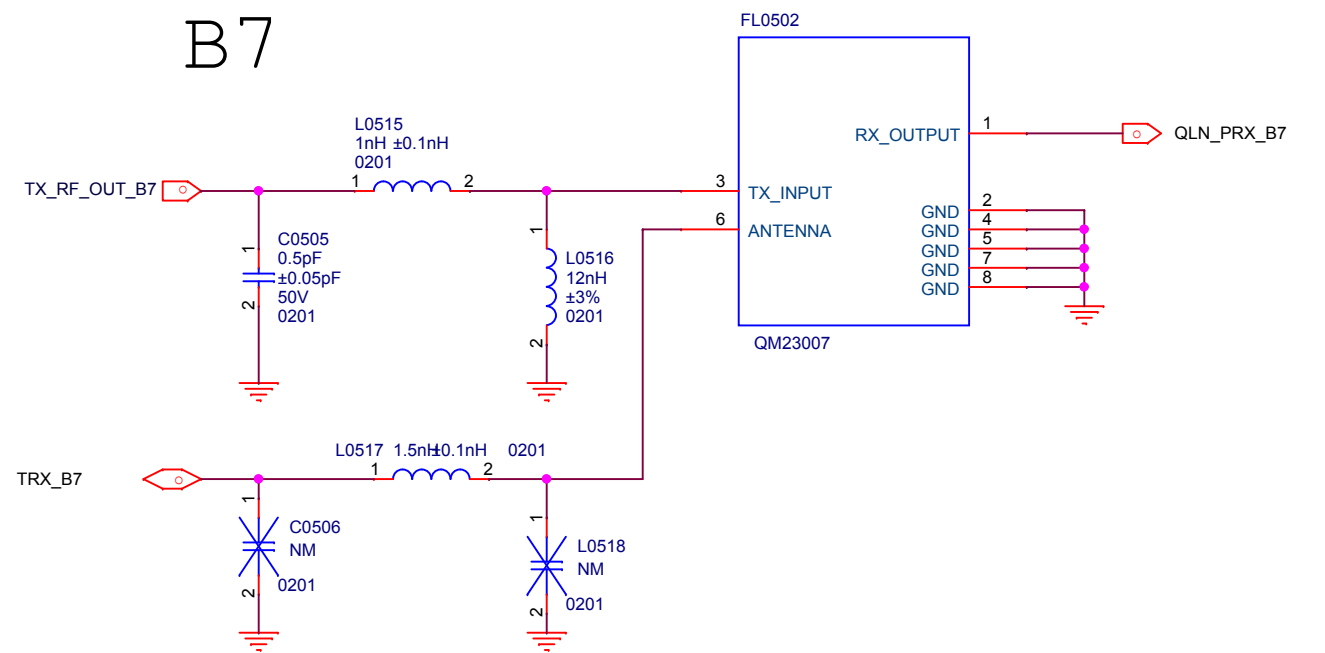
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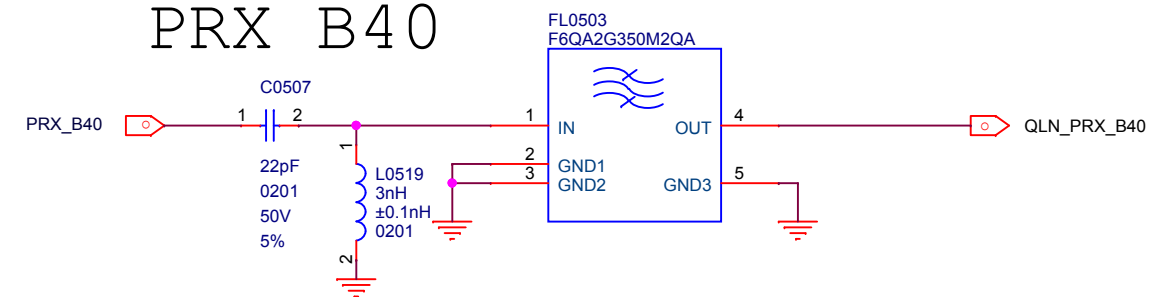
# PRX B34\_B39\_B41



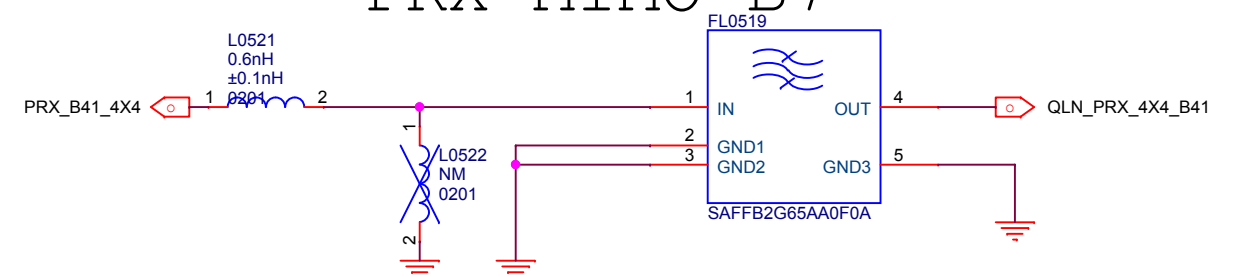
# B7



# PRX B40

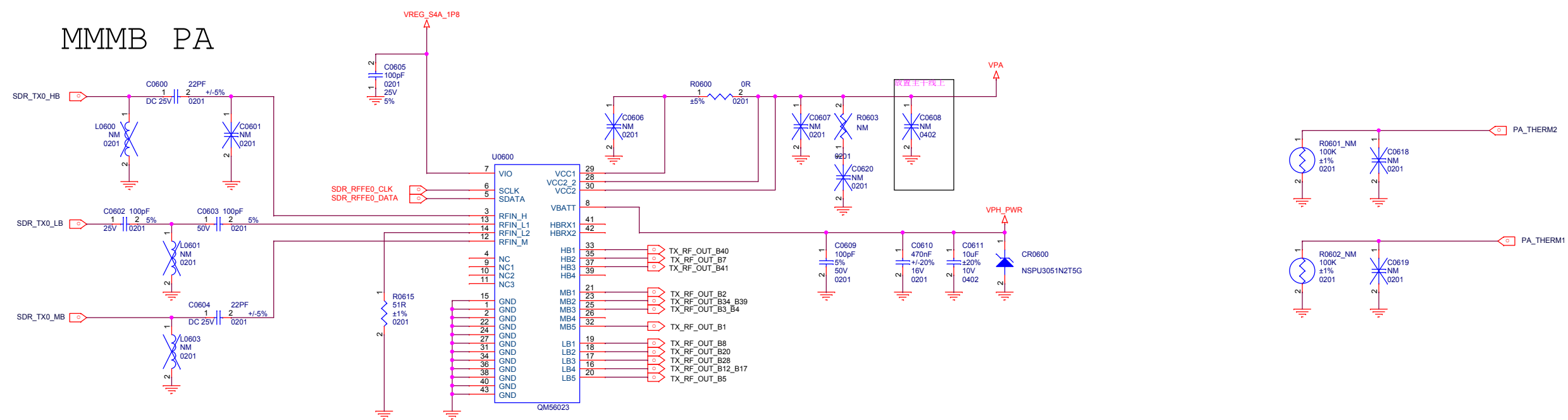


# PRX MIMO B7

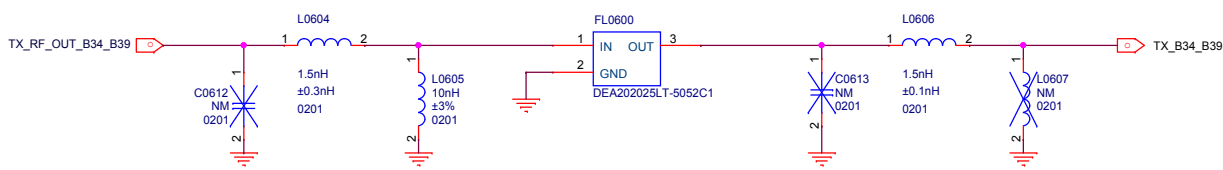


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Size	Document Number	
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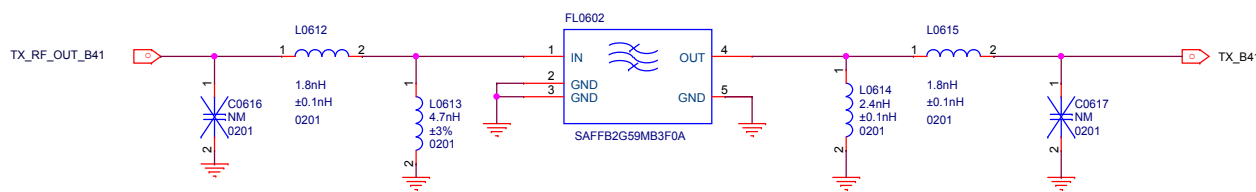
MMMB PA



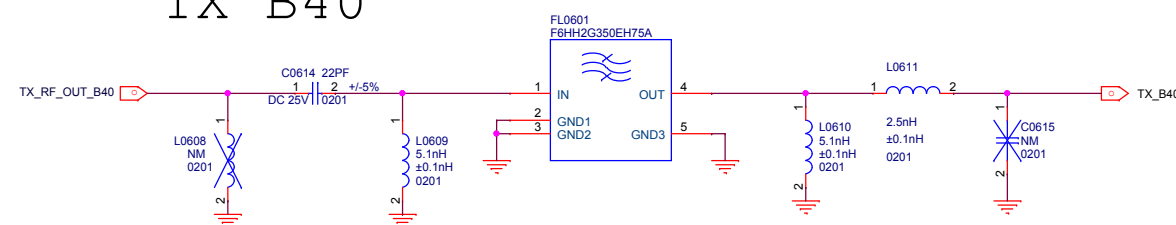
TX B34\_B39



TX B41

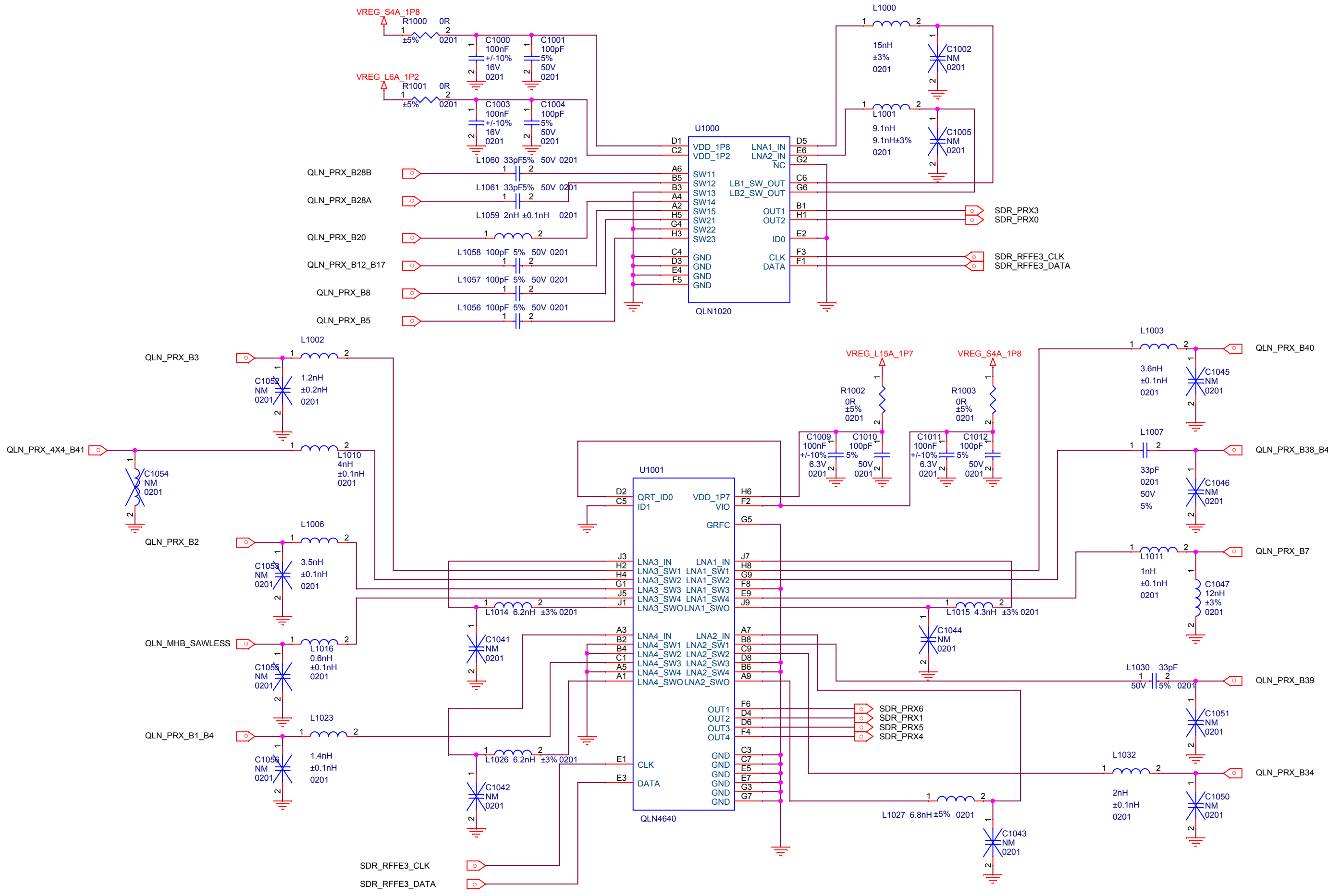


TX B40



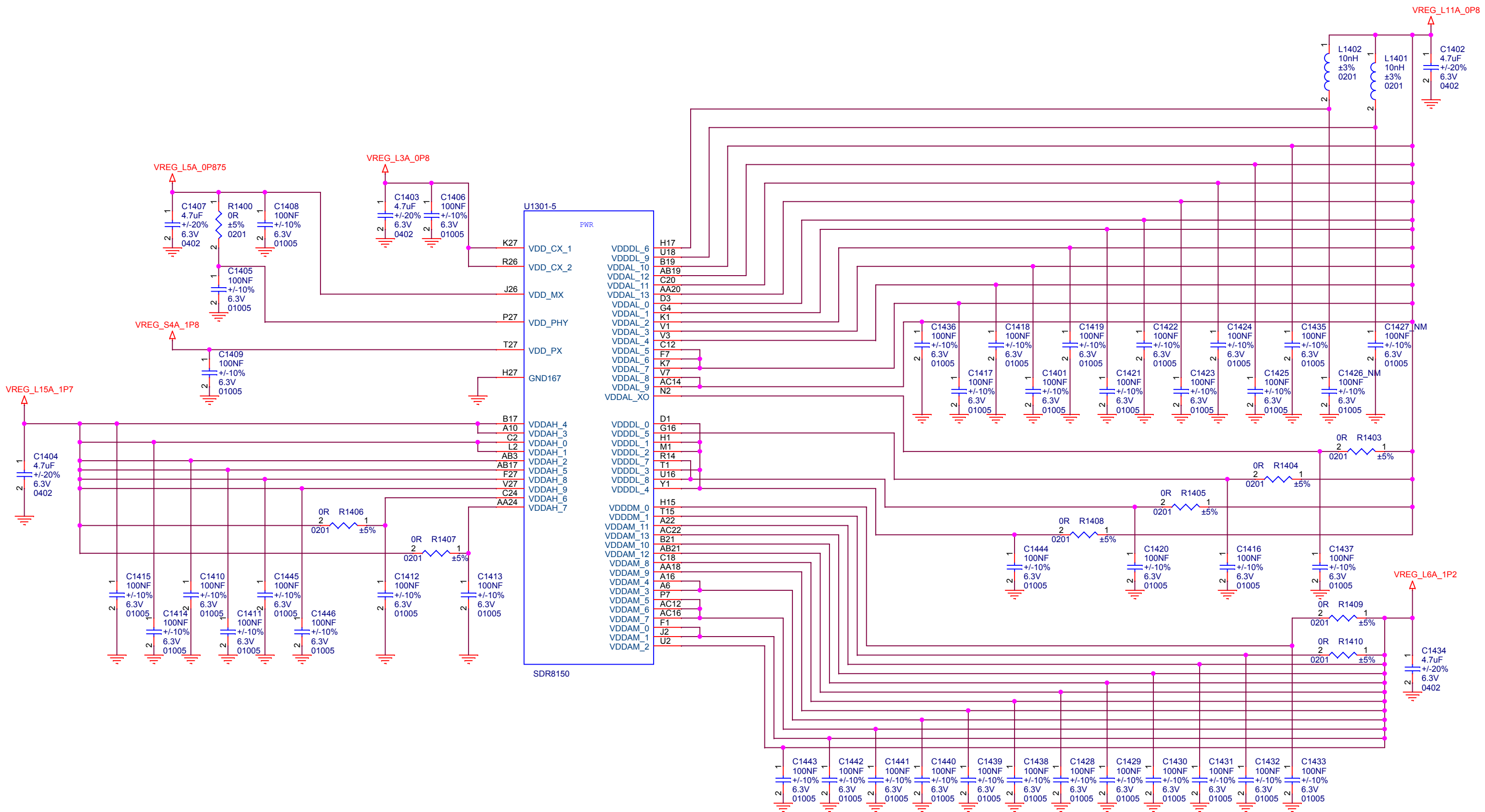


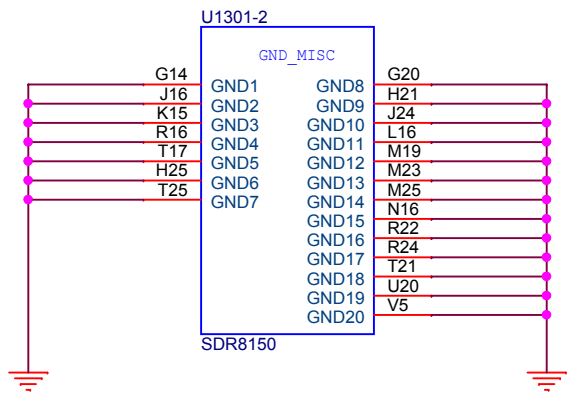
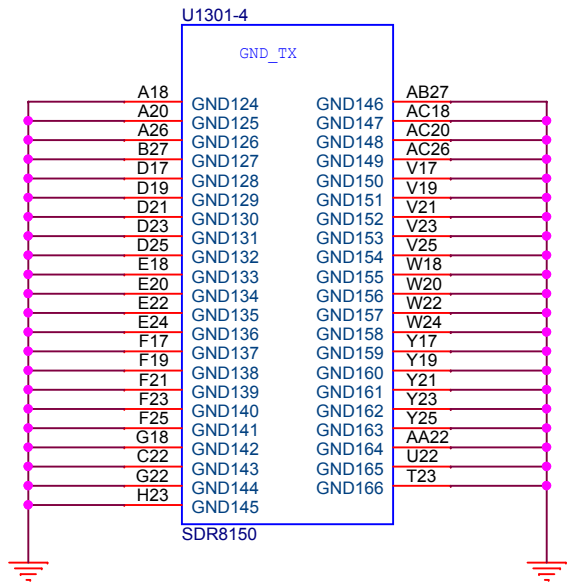
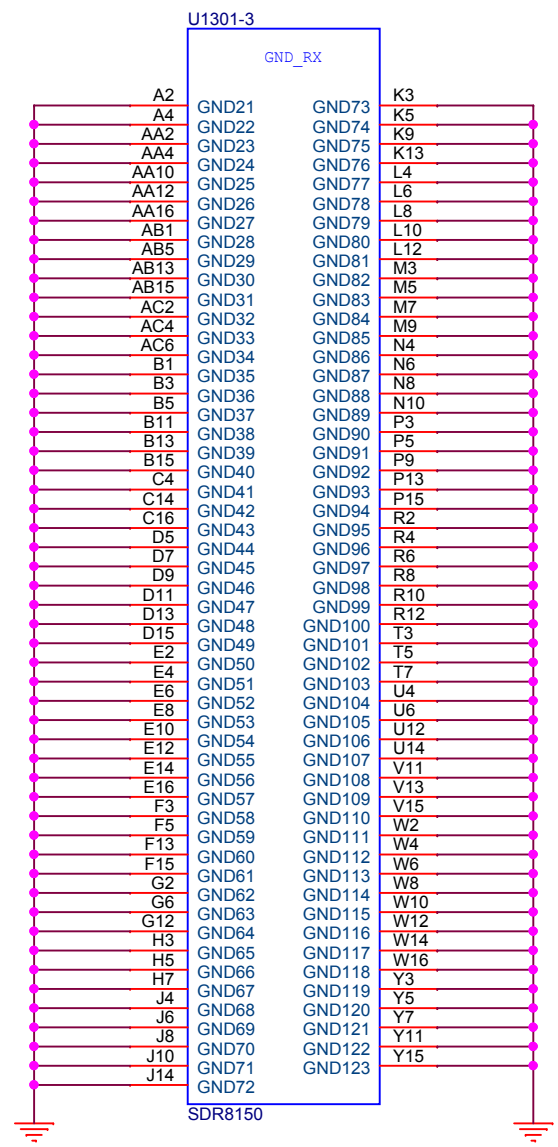


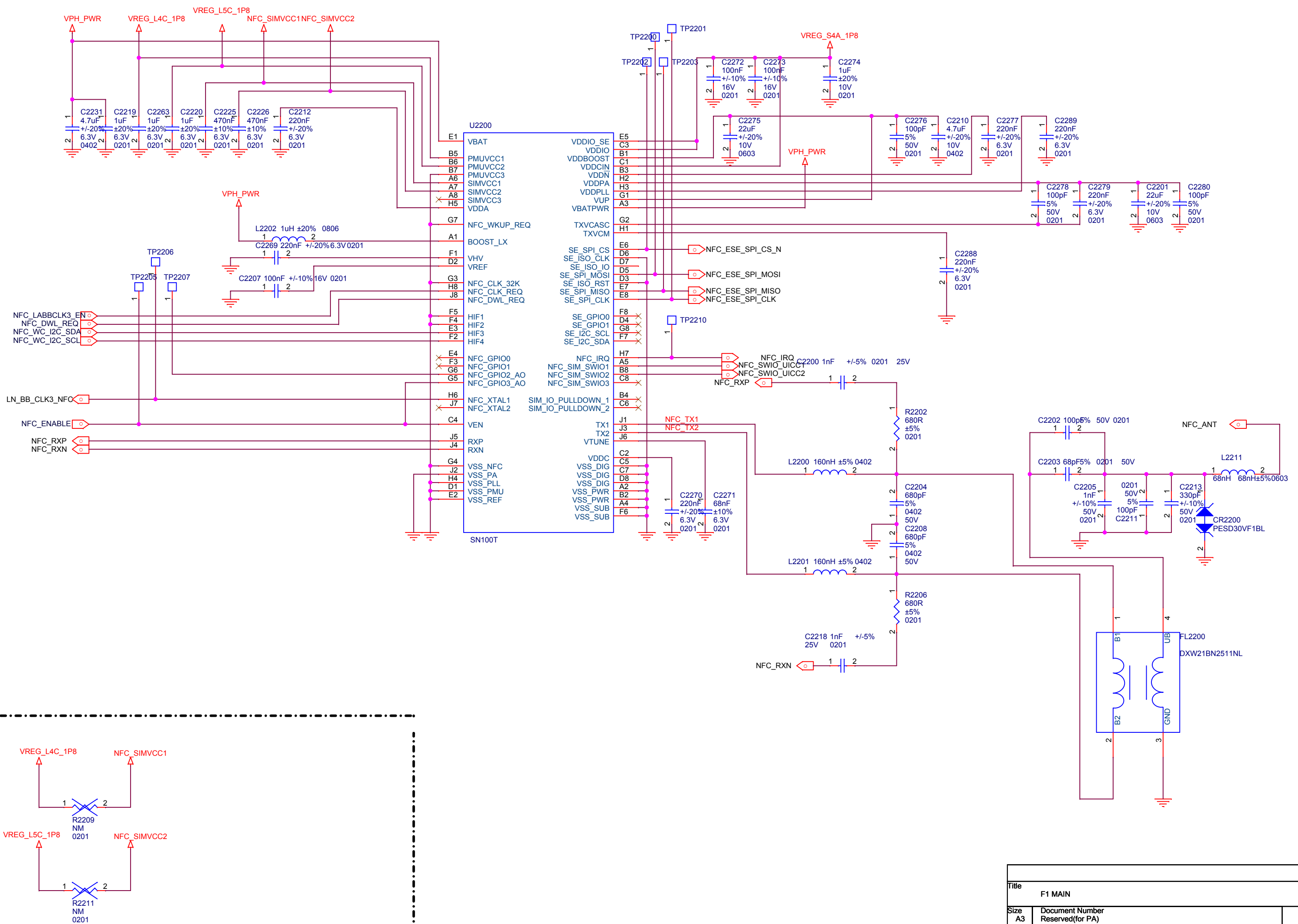


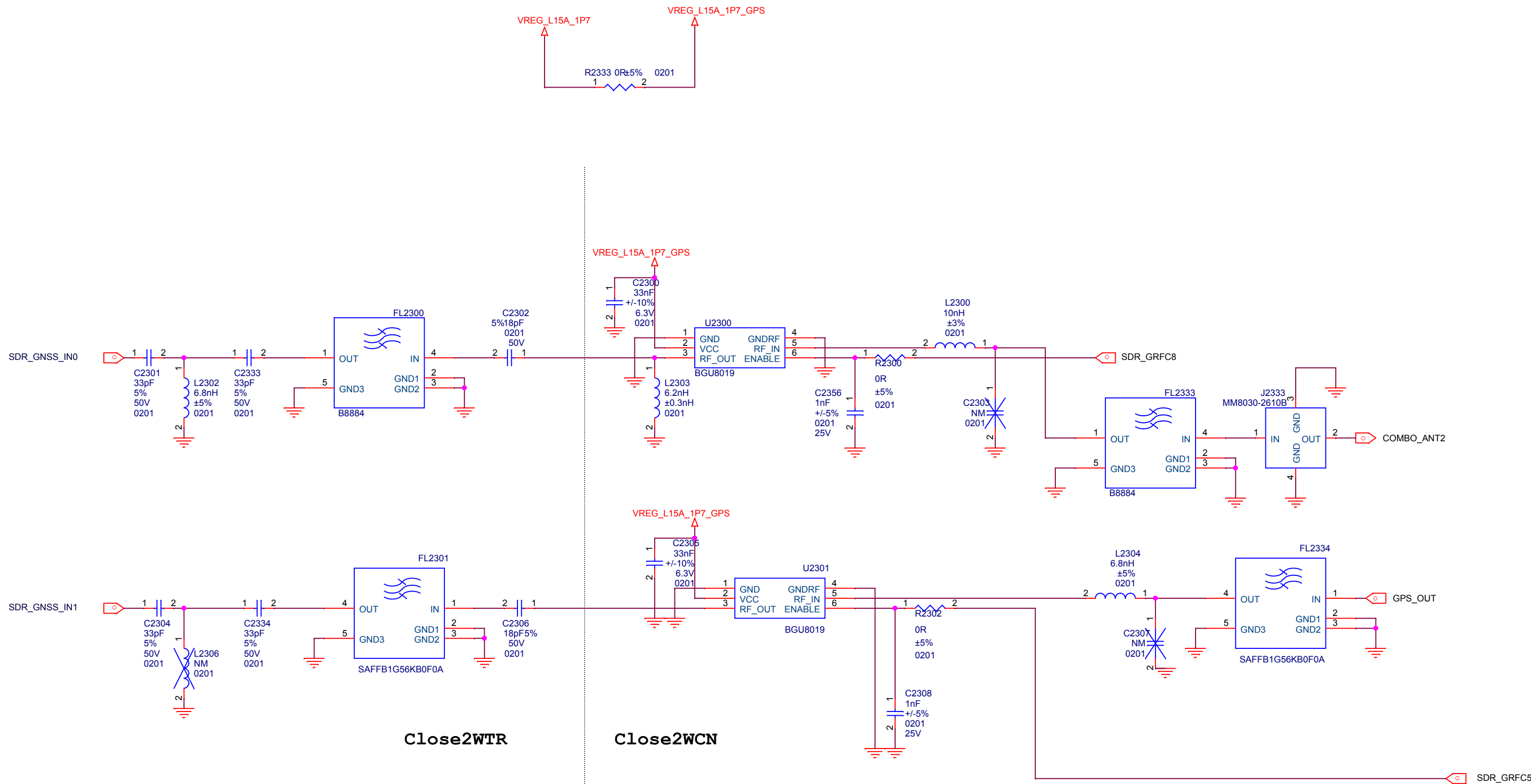


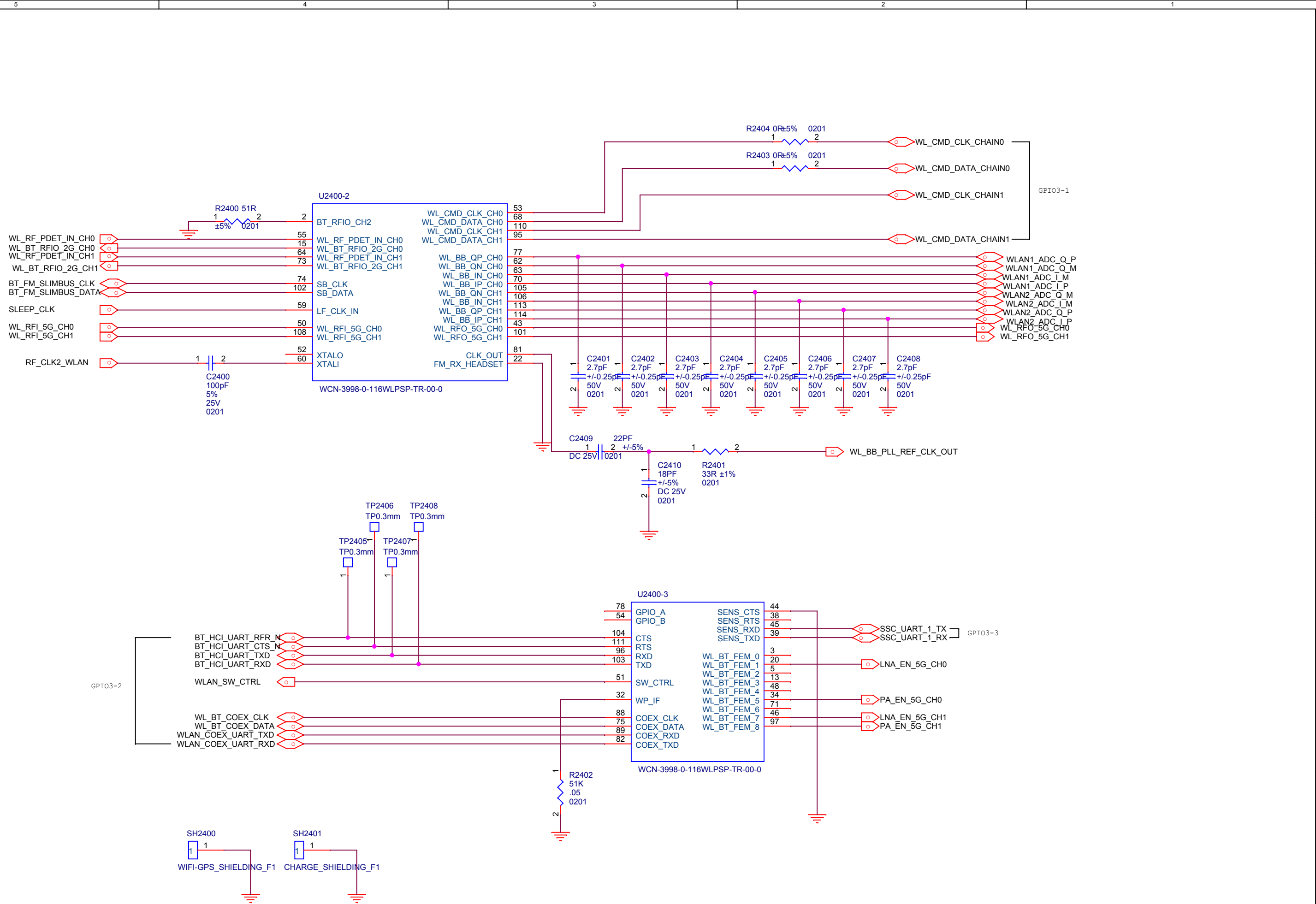




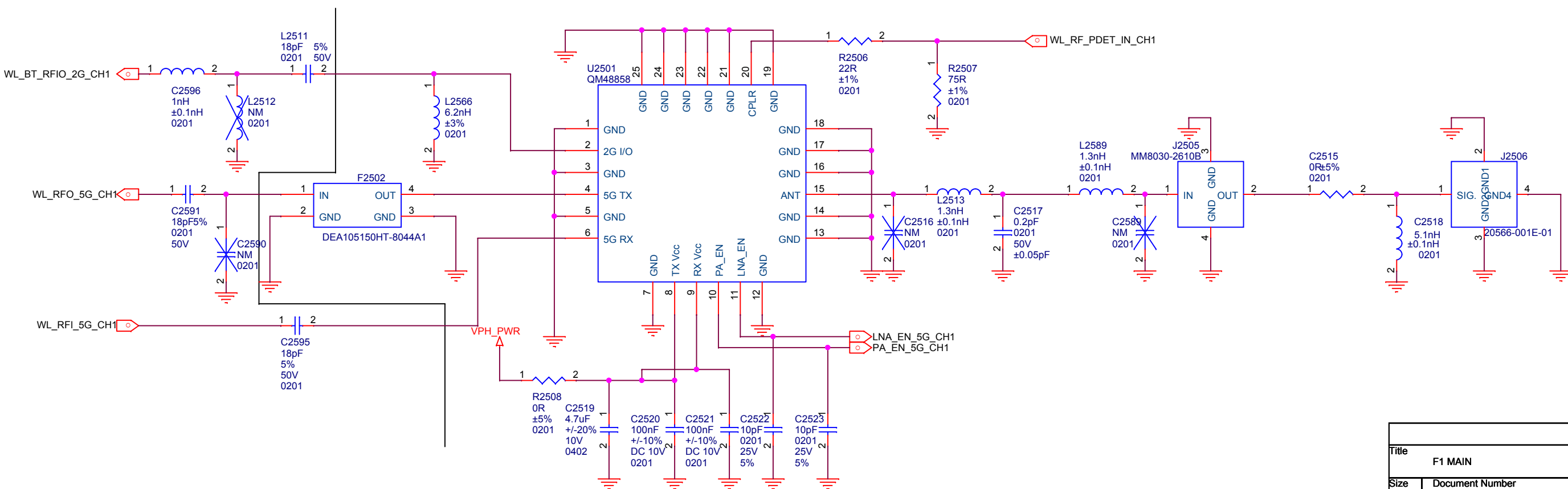
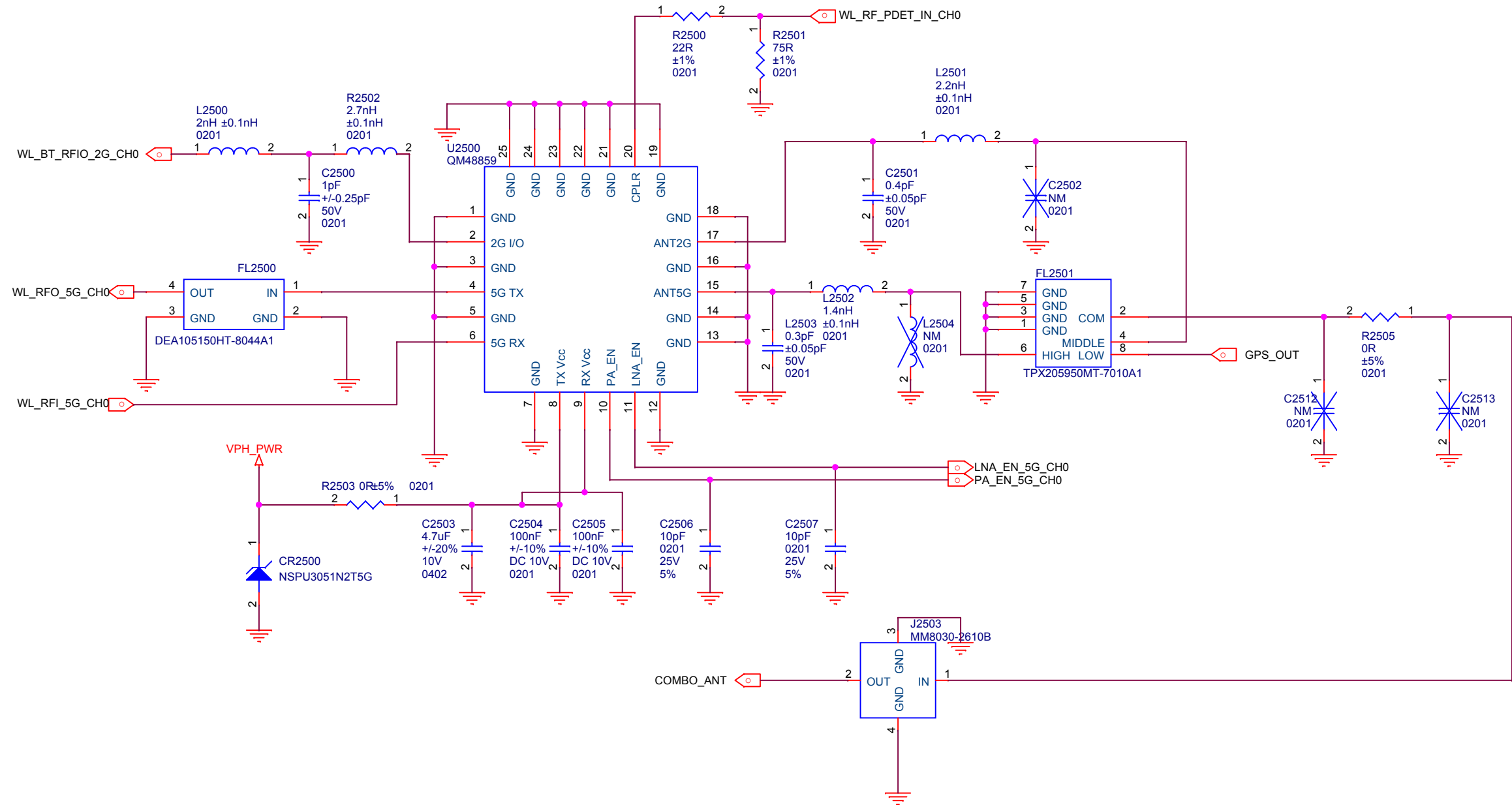


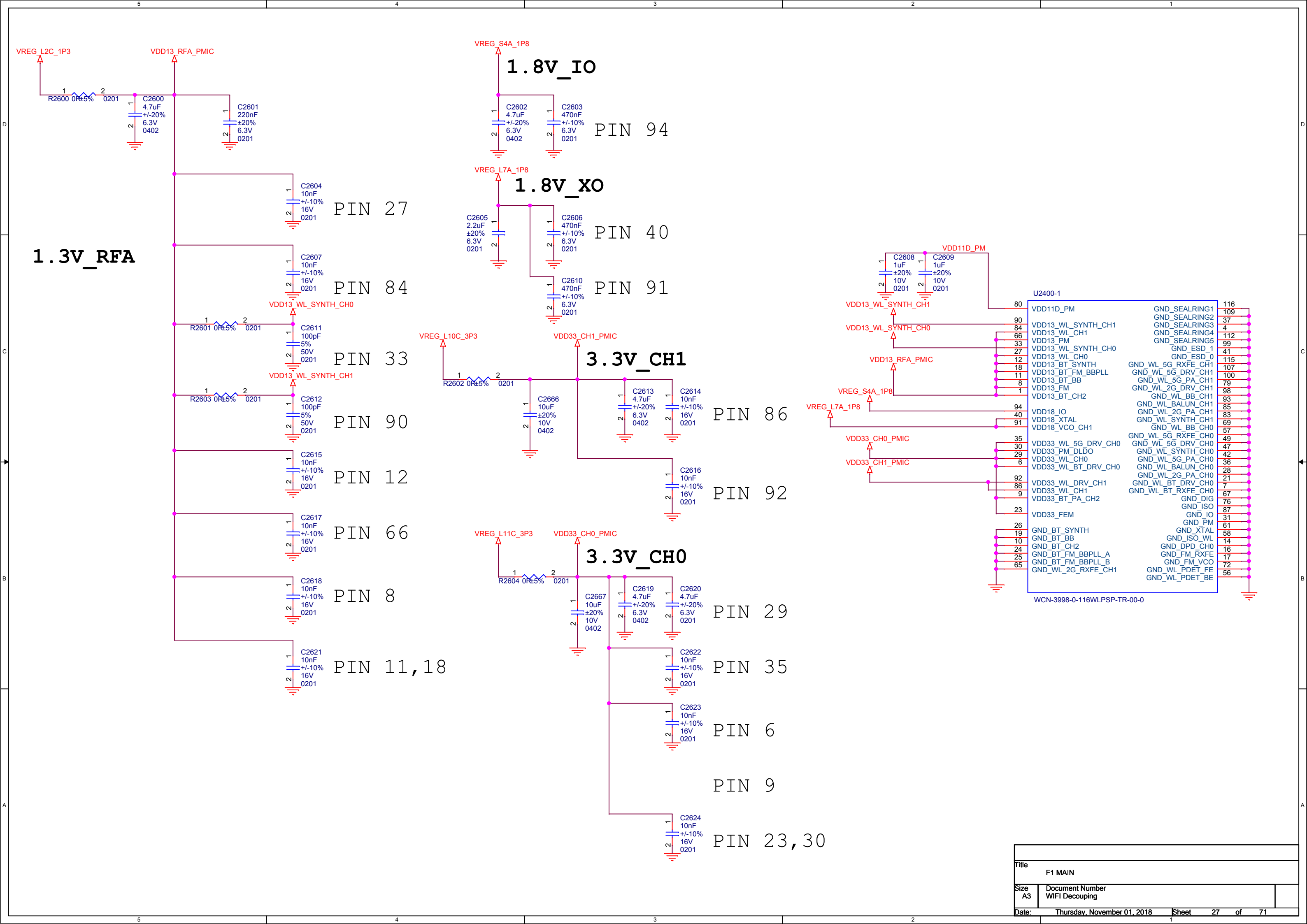




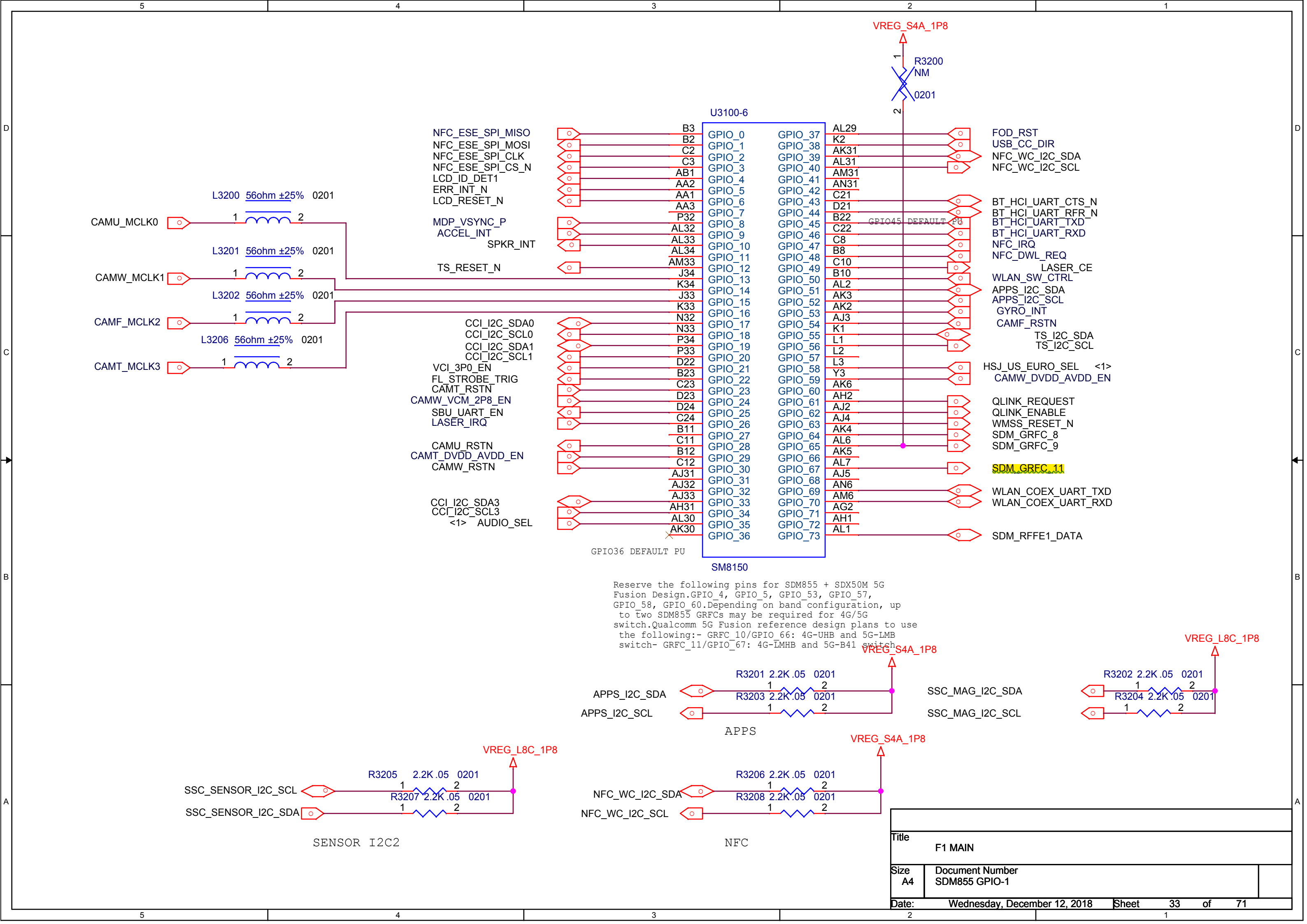






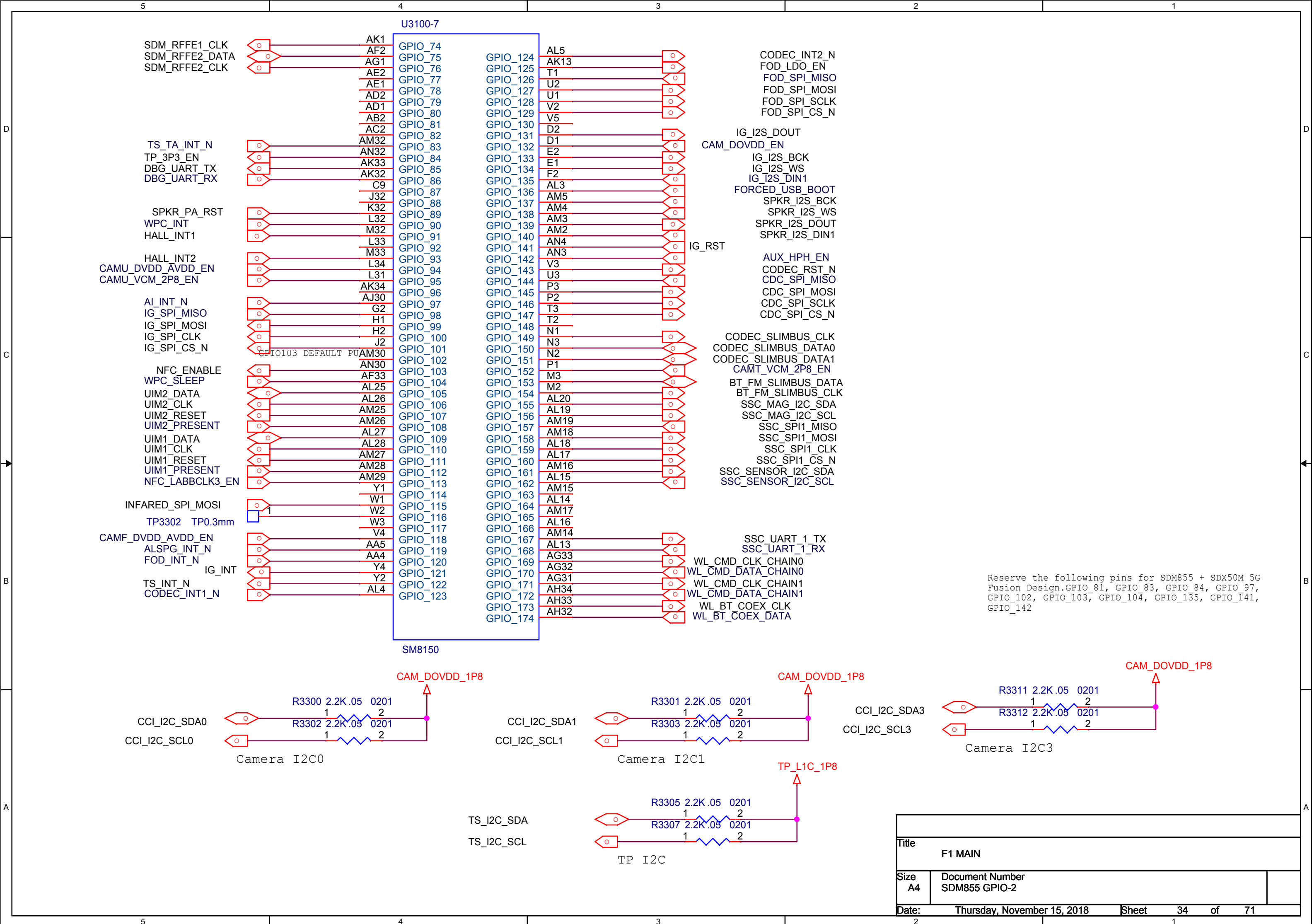




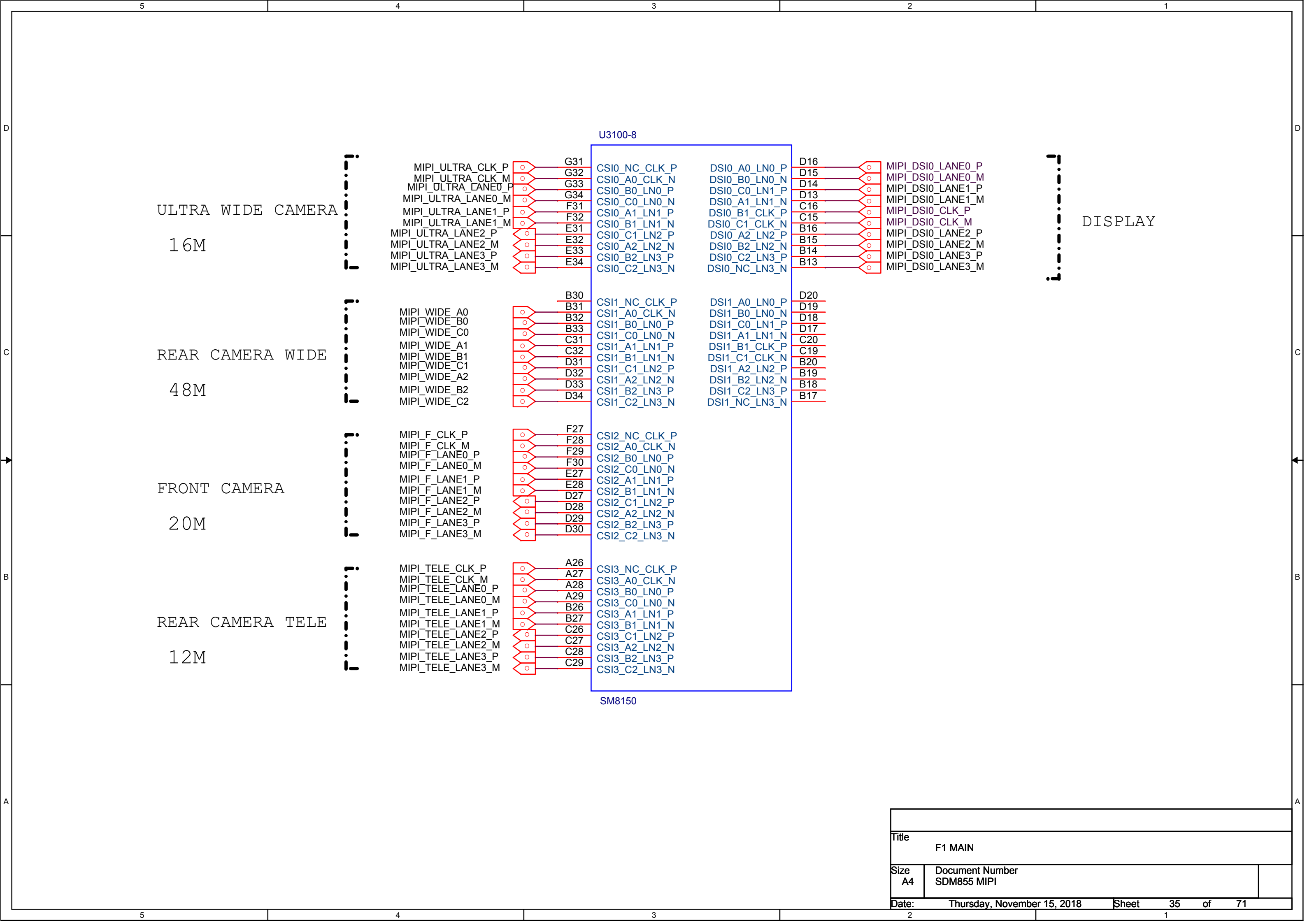


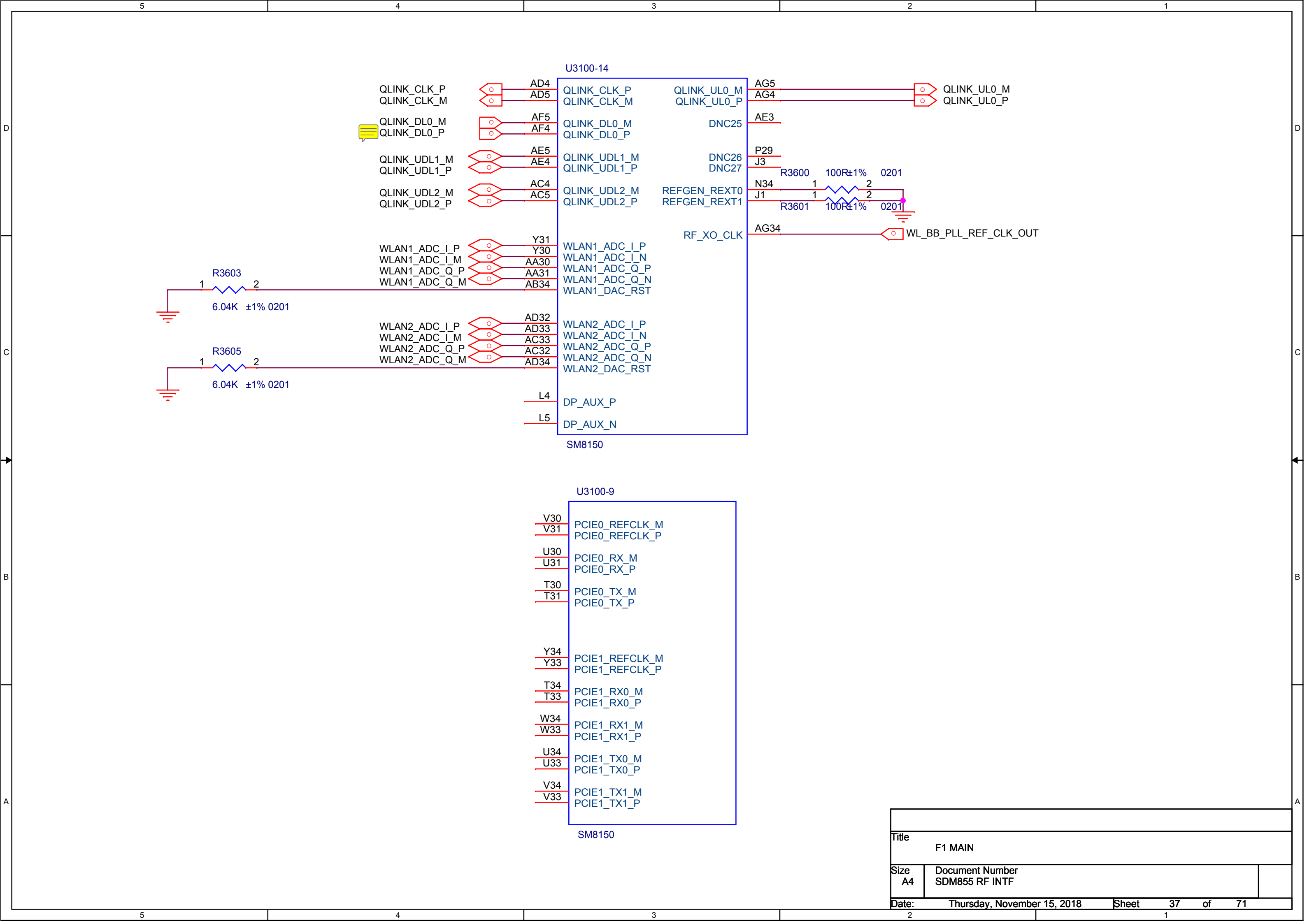
Reserve the following pins for SDM855 + SDX50M 5G Fusion Design. GPIO\_4, GPIO\_5, GPIO\_53, GPIO\_57, GPIO\_58, GPIO\_60. Depending on band configuration, up to two SDM855 GRFCs may be required for 4G/5G switch. Qualcomm 5G Fusion reference design plans to use the following:- GRFC\_10/GPIO\_66: 4G-UHB and 5G-LMB switch- GRFC\_11/GPIO\_67: 4G-LMHB and 5G-B41 switch

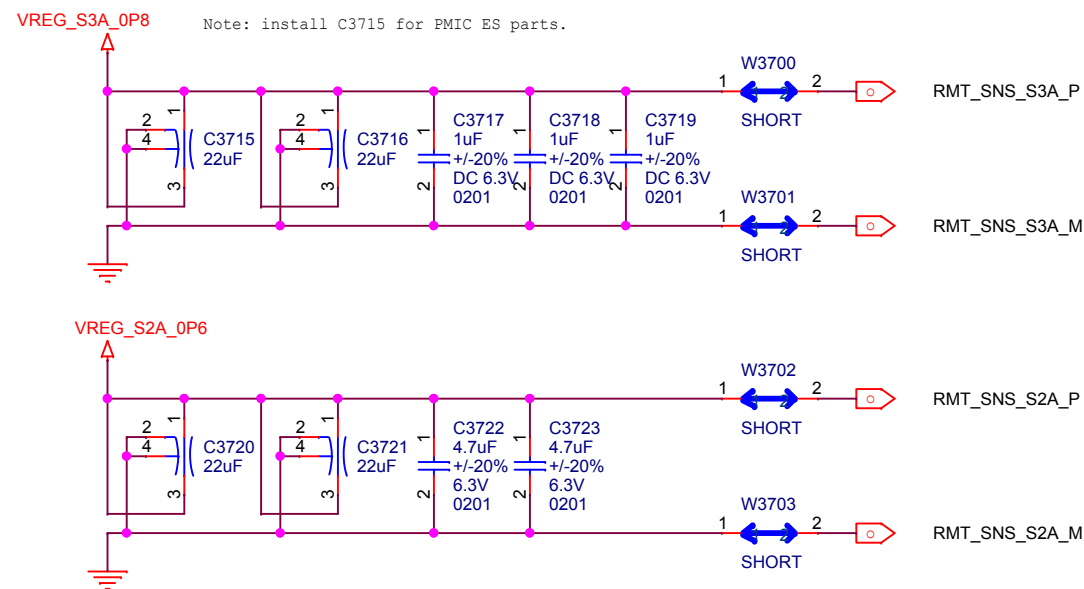
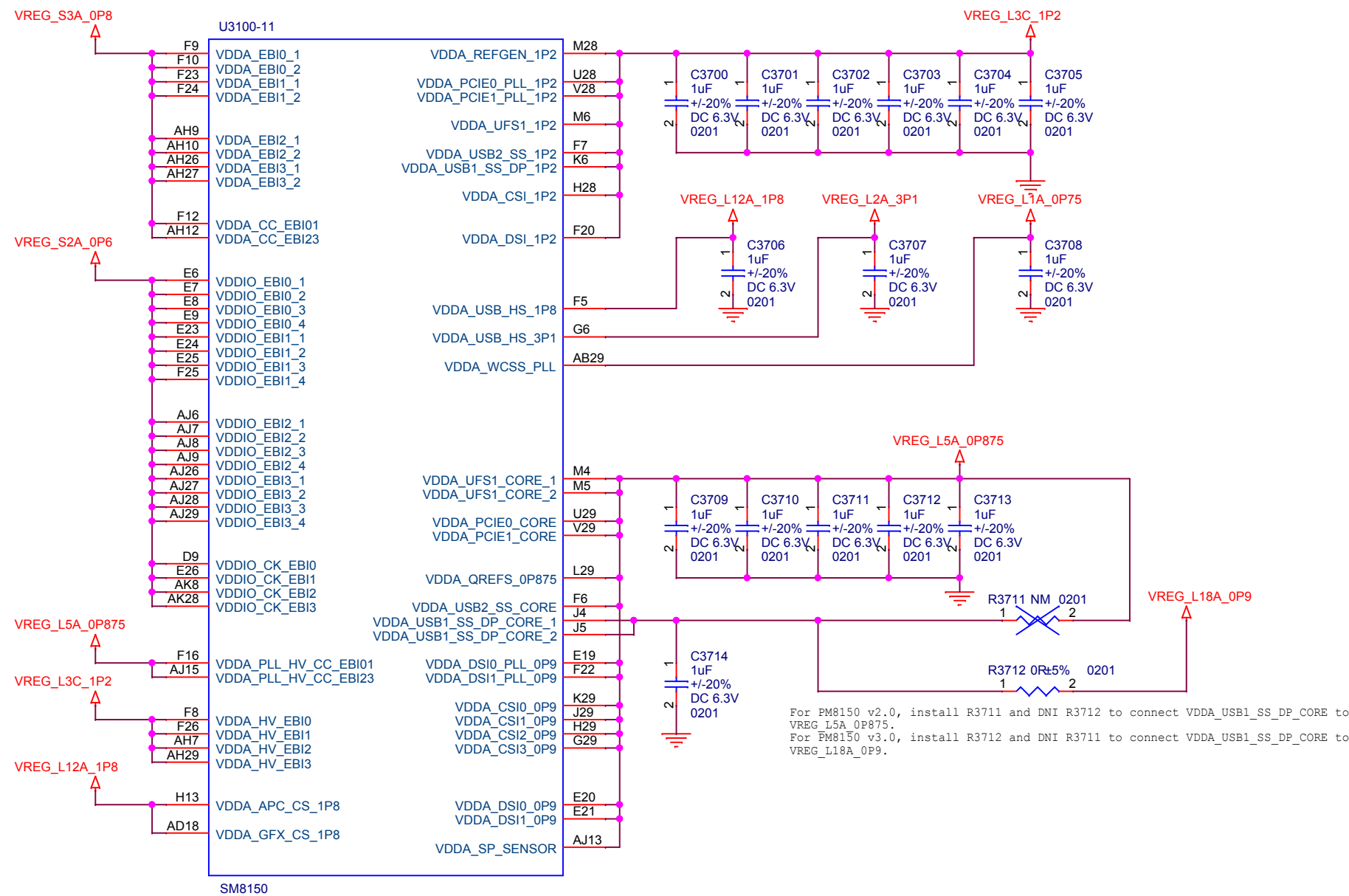
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F1 MAIN		
Size	Document Number	
A4	SDM855 GPIO-1	
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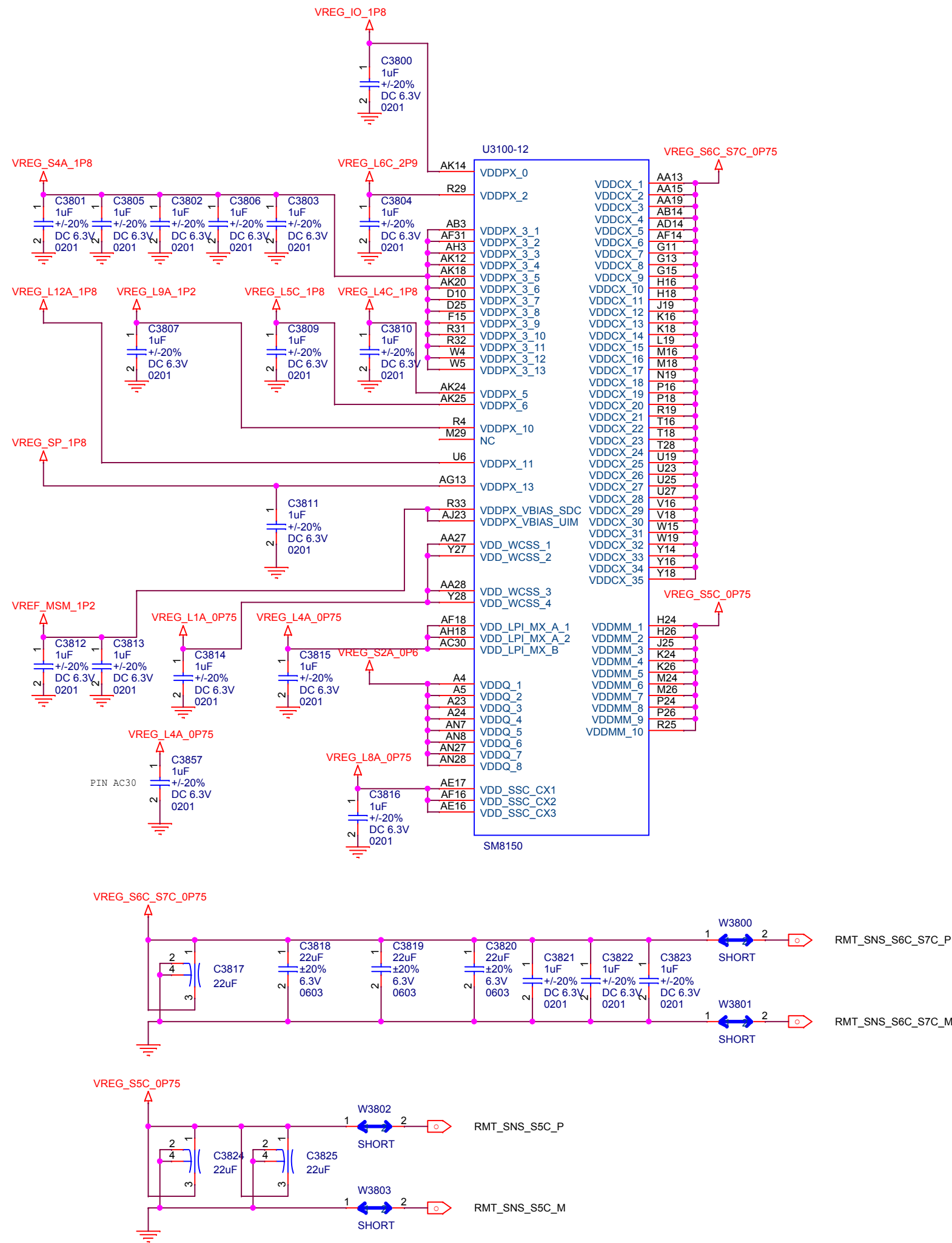




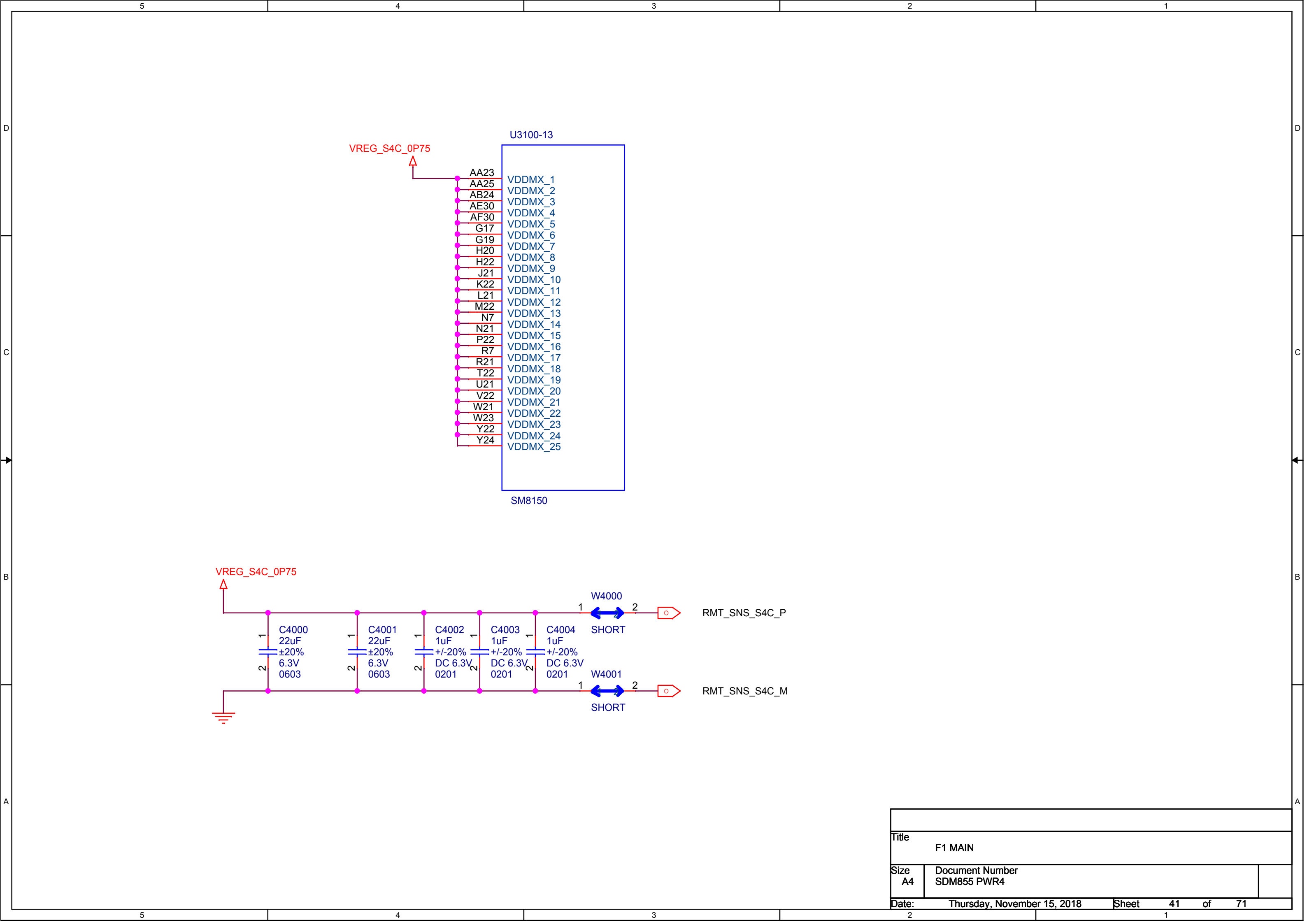


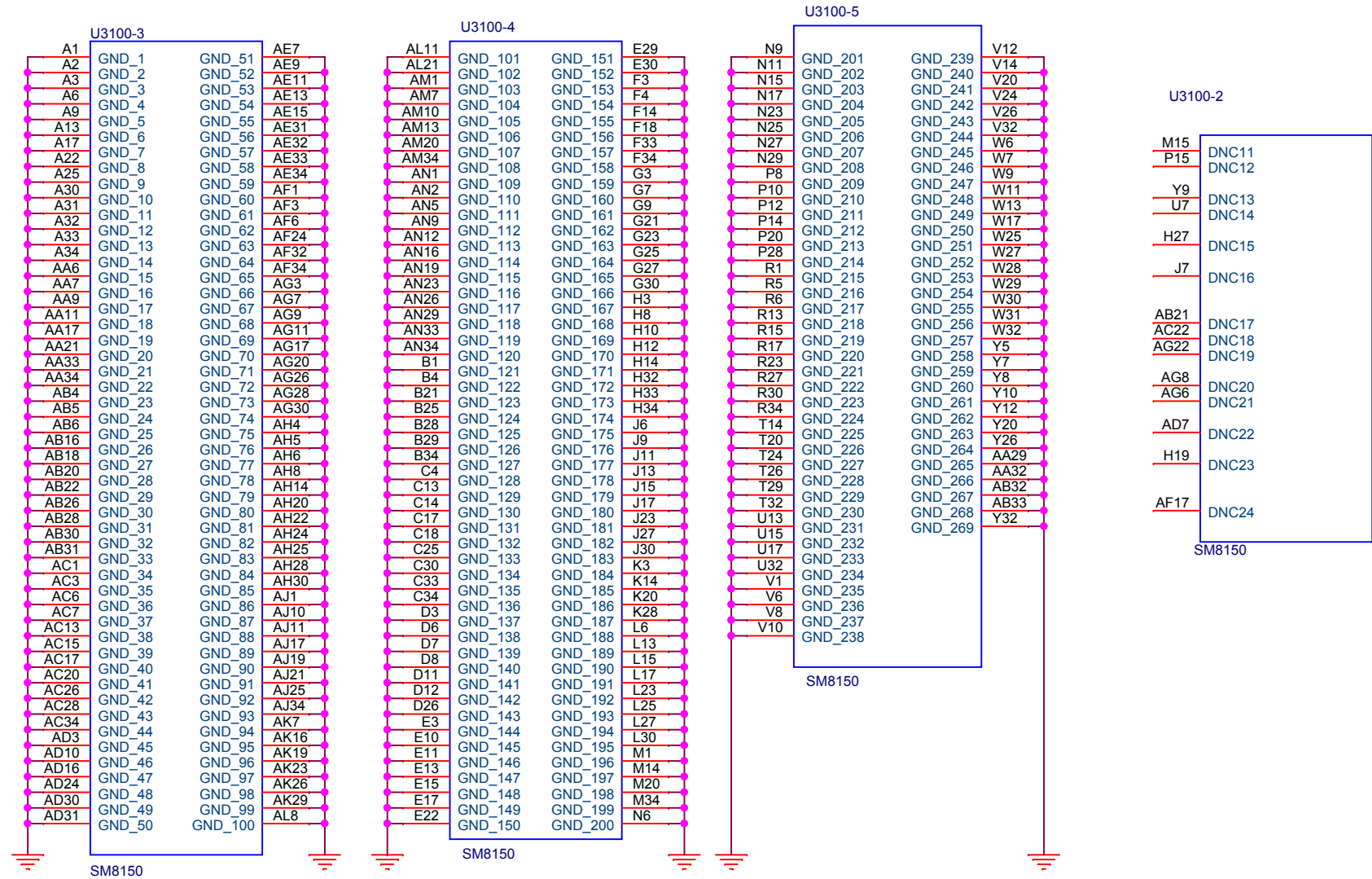


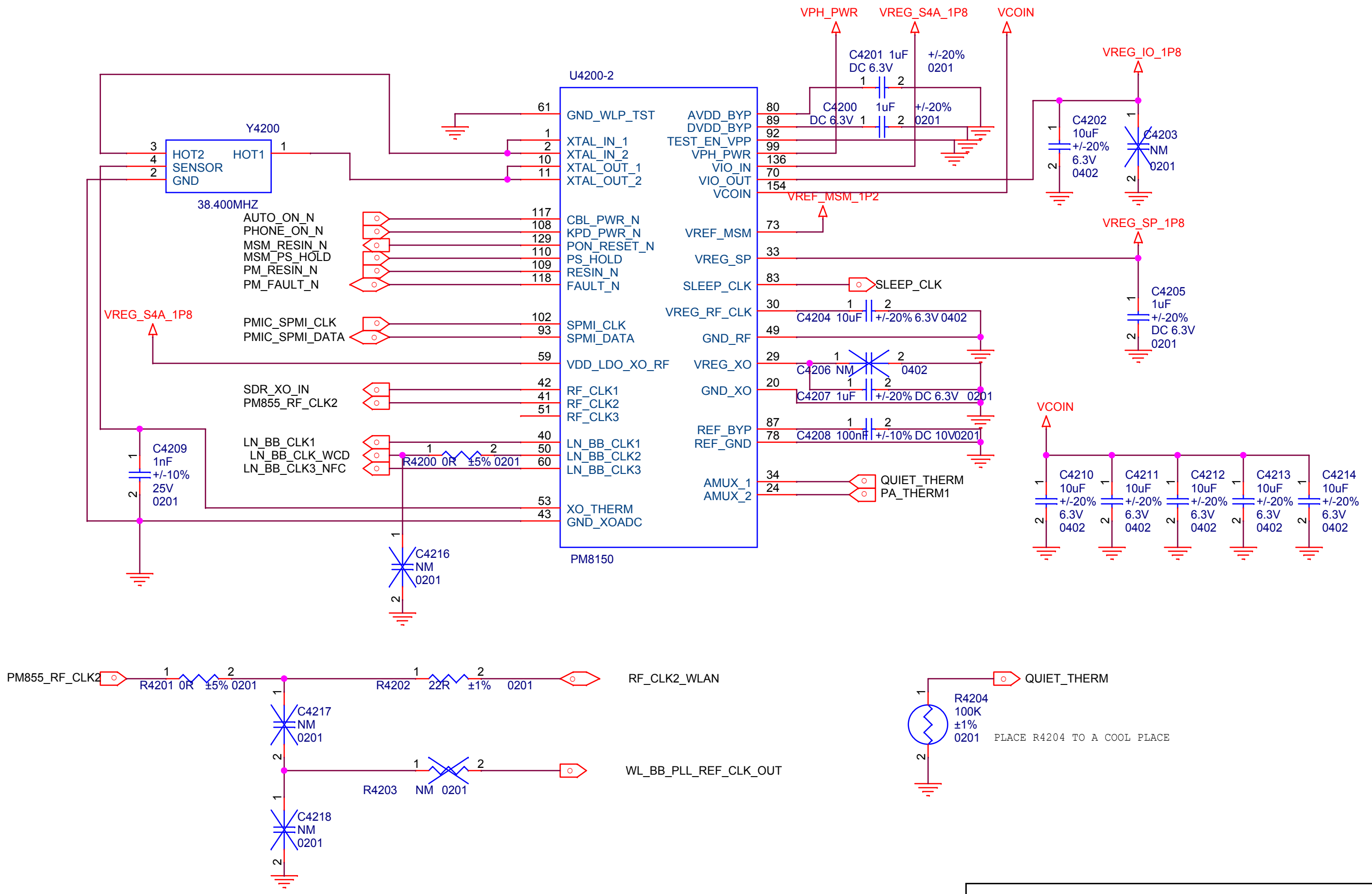




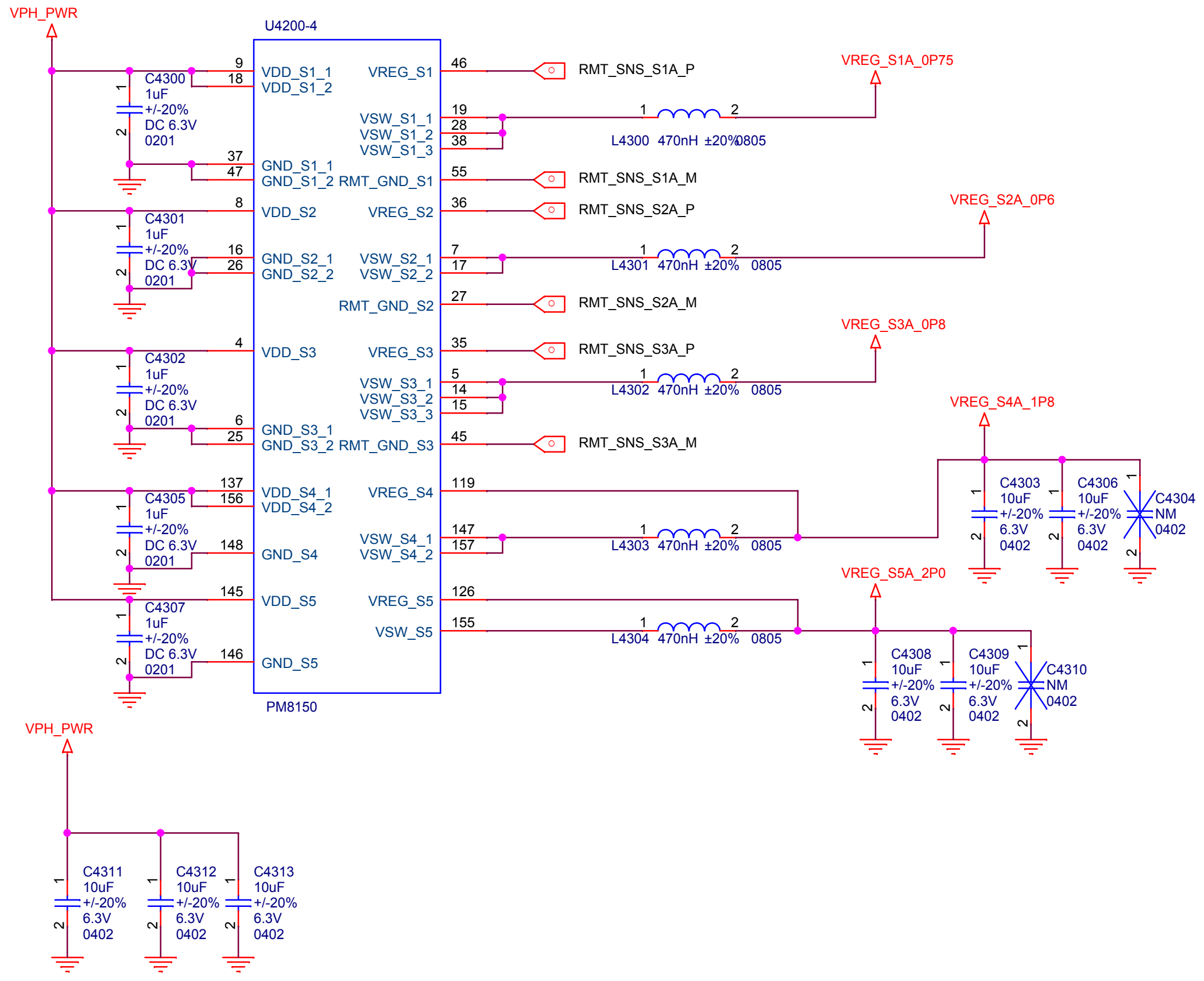


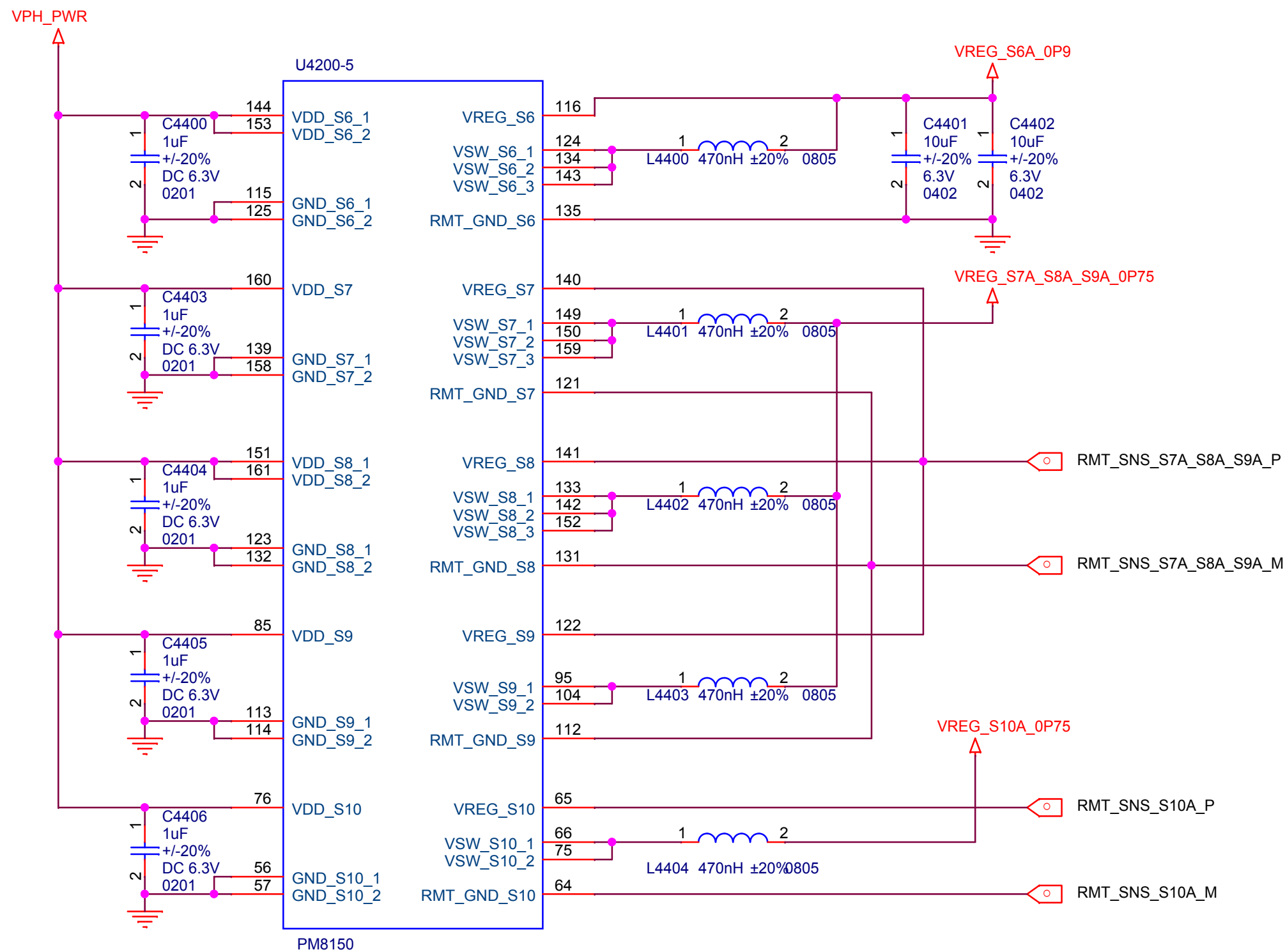




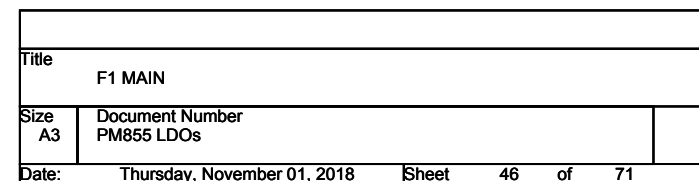


Title		
F1 MAIN		
Size	Document Number	
A4	PM855 XO&CTRL	
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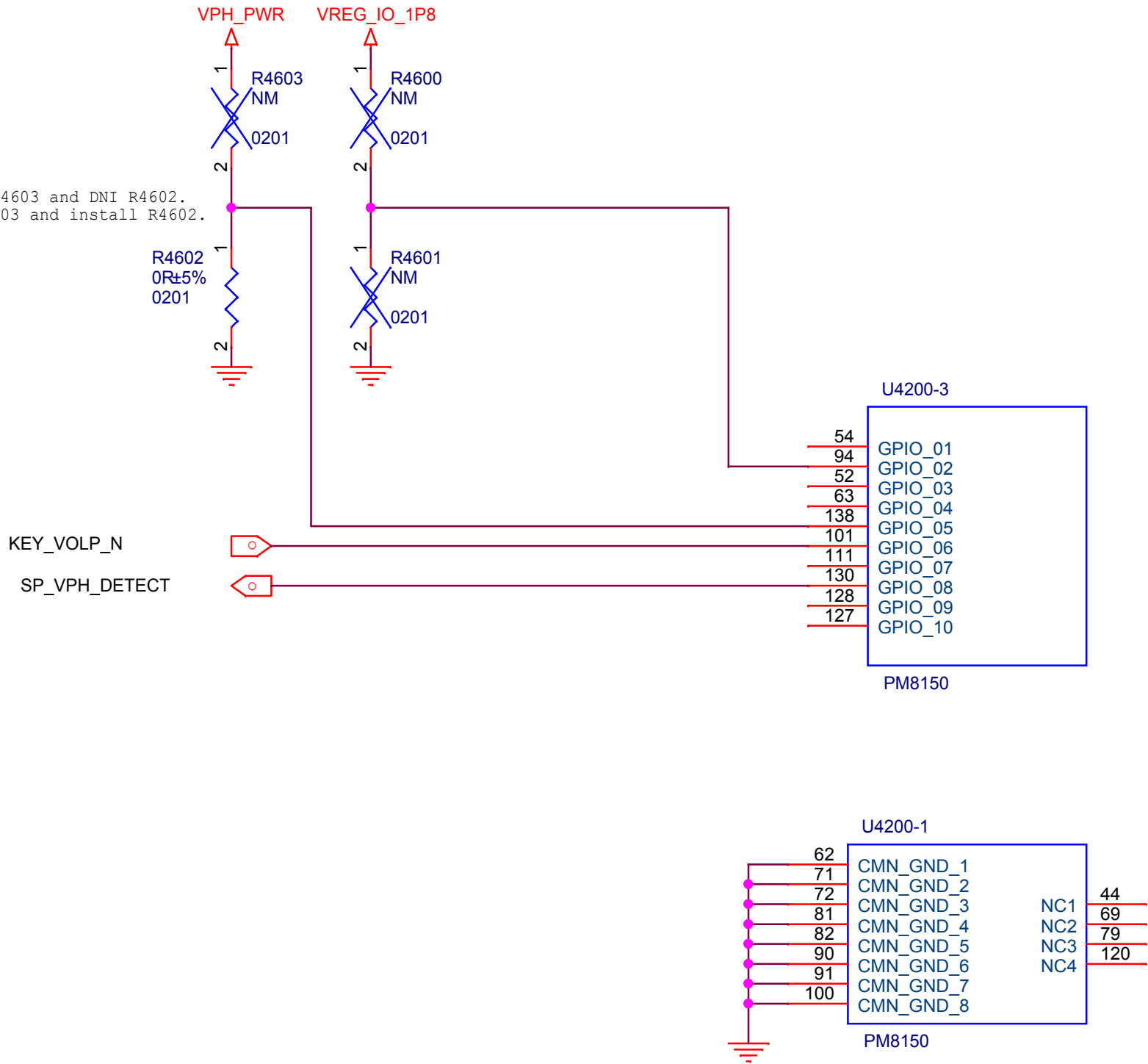


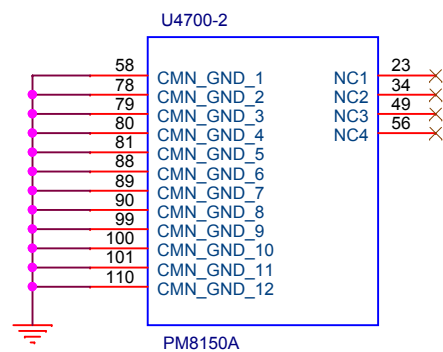
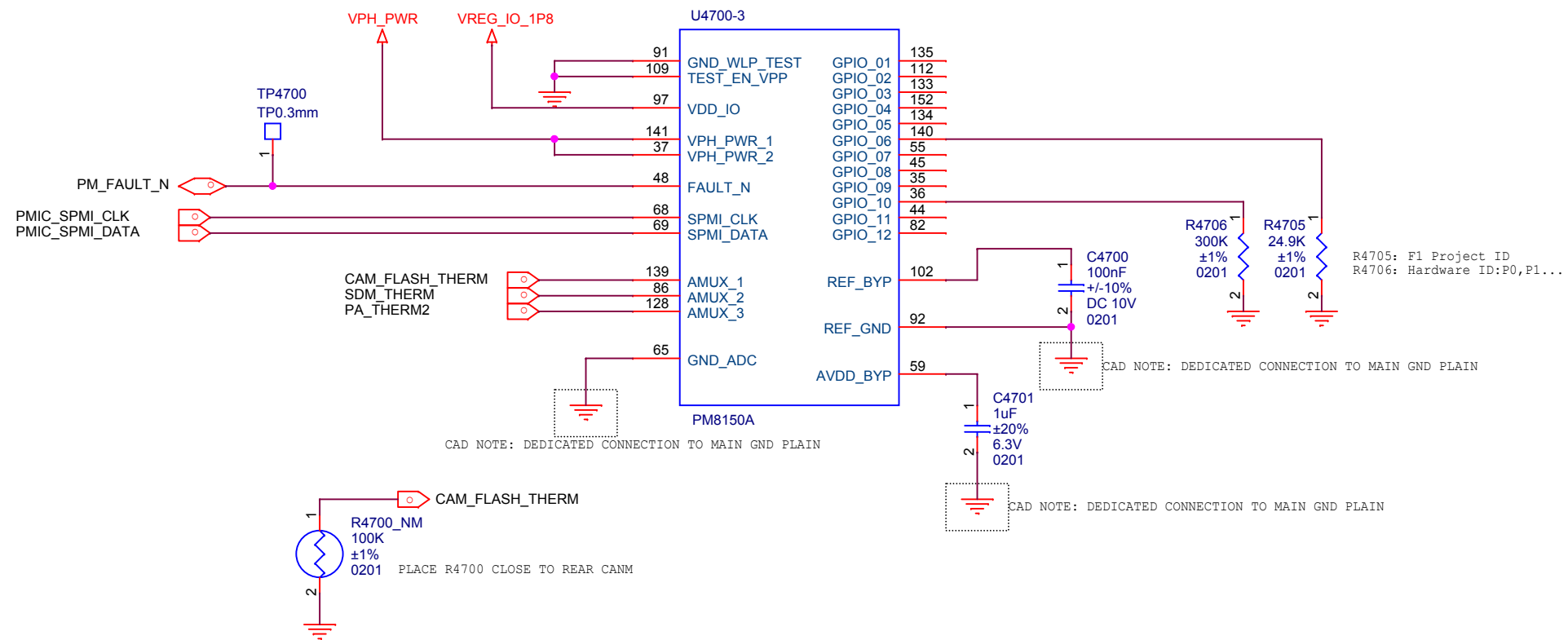
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Size	Document Number	
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Date:	Thursday, November 01, 2018	Sheet 45 of 71

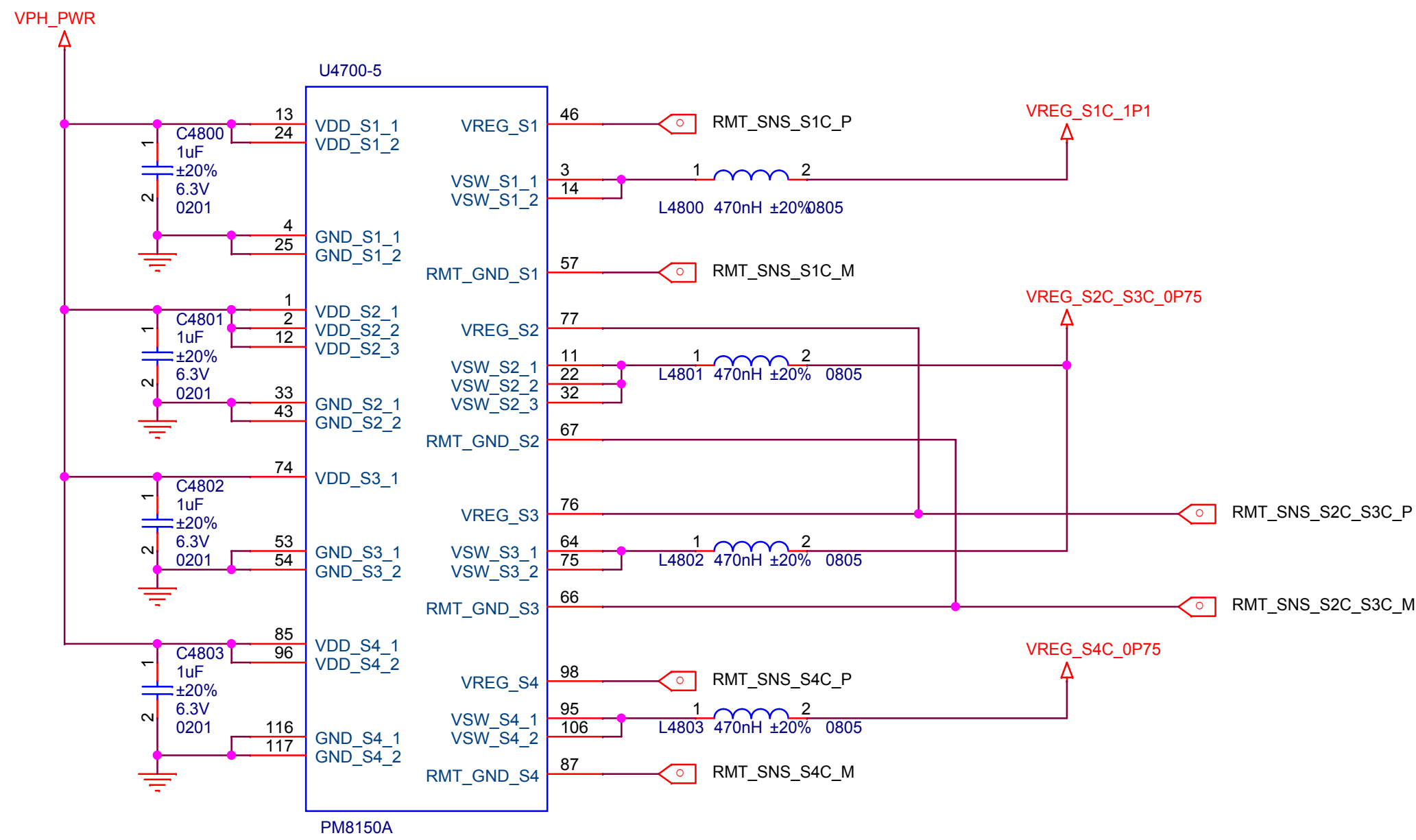




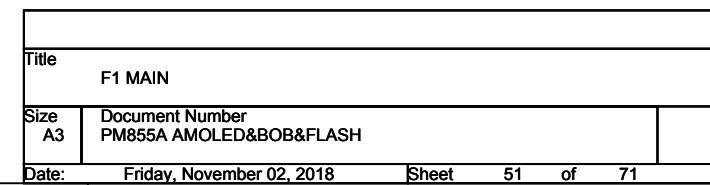
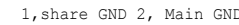
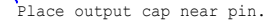
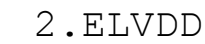
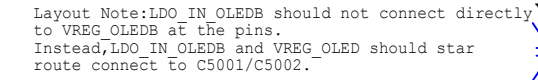
For PM8150 v2.0, float GPIO\_05 by DNI R4603 and DNI R4602.  
For PM8150 v3.0, GND GPIO\_05 by DNI R4603 and install R4602.

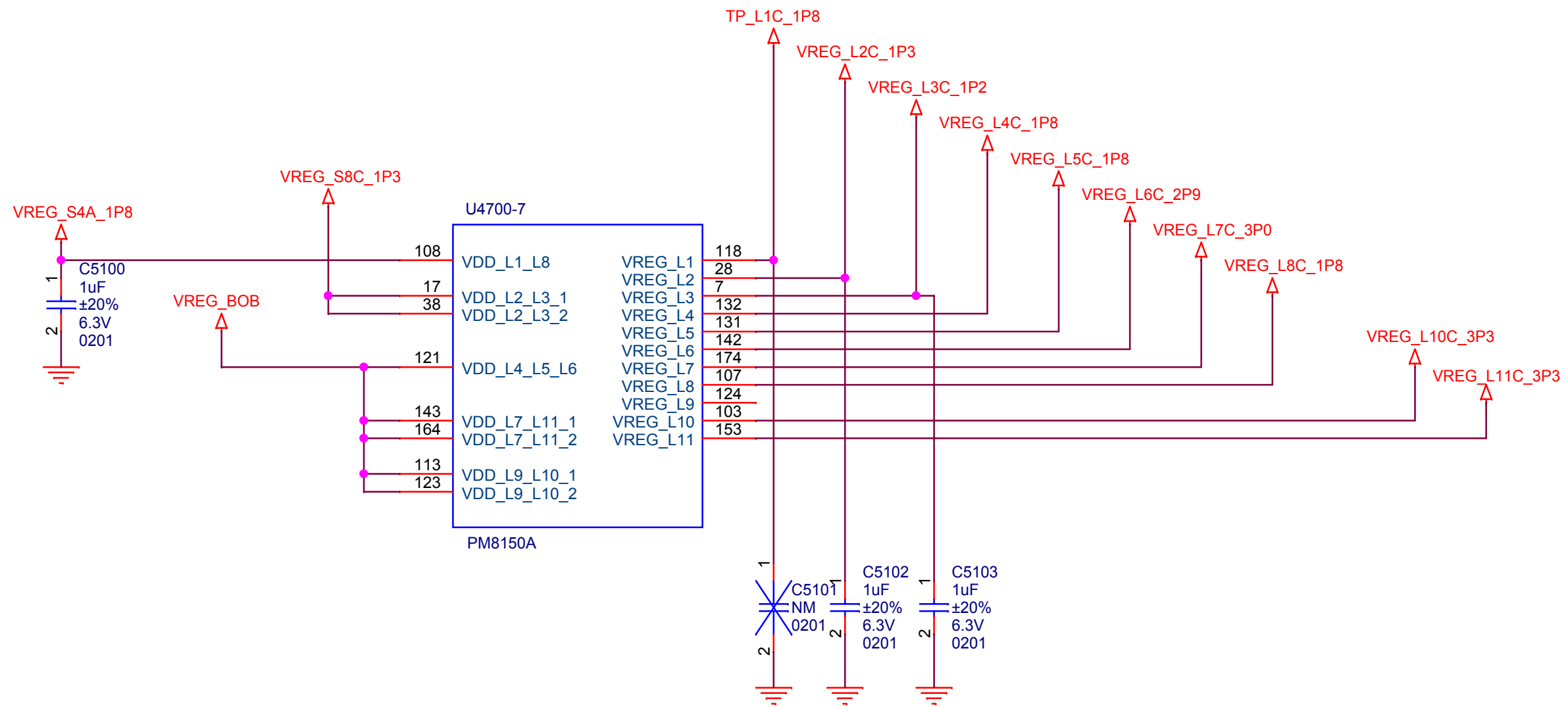


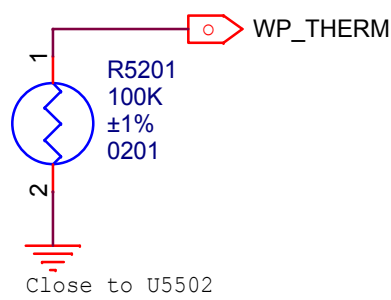
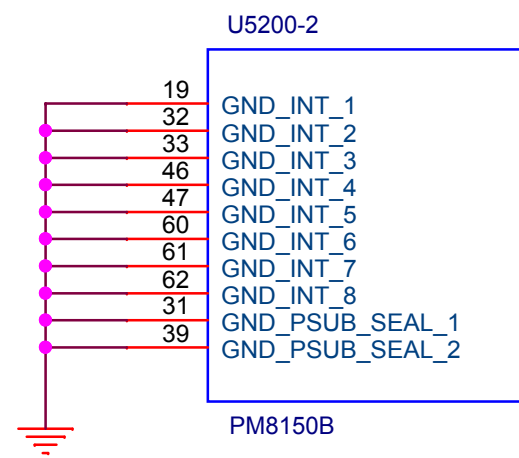
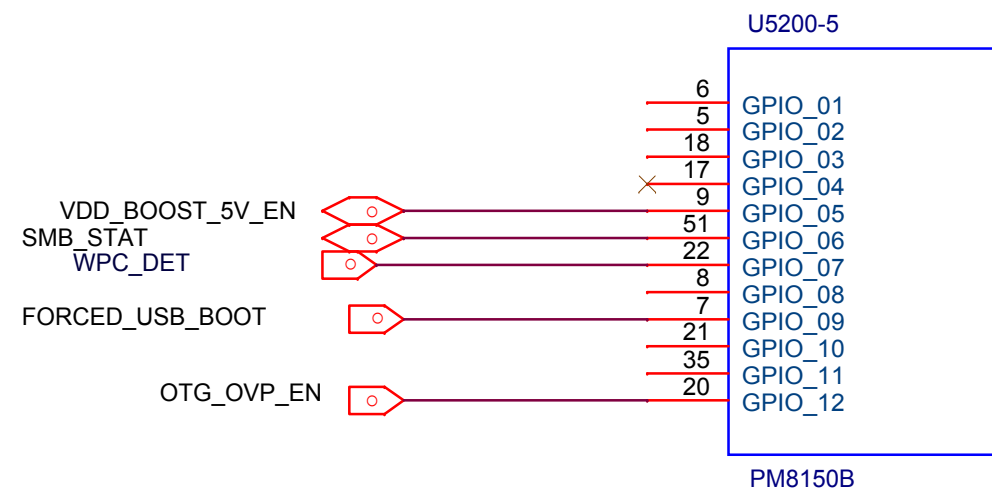
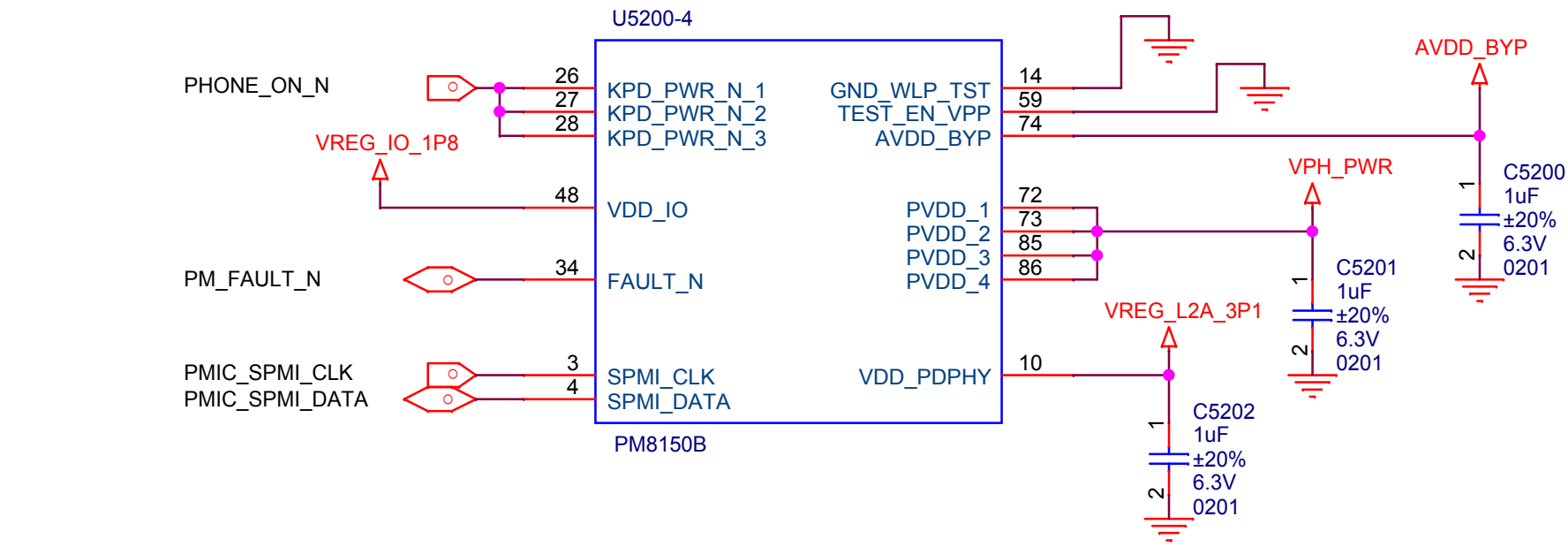












Note: GPIO\_04 and GPIO\_11 of PM8150B are for internal usage. Keep them float.  
Keep GPIO\_03 of PM8150B float. Don't use it for other purpose.  
GPIO\_06 of PM8150B is dedicated for SMB\_STAT. Don't use it for other purpose.

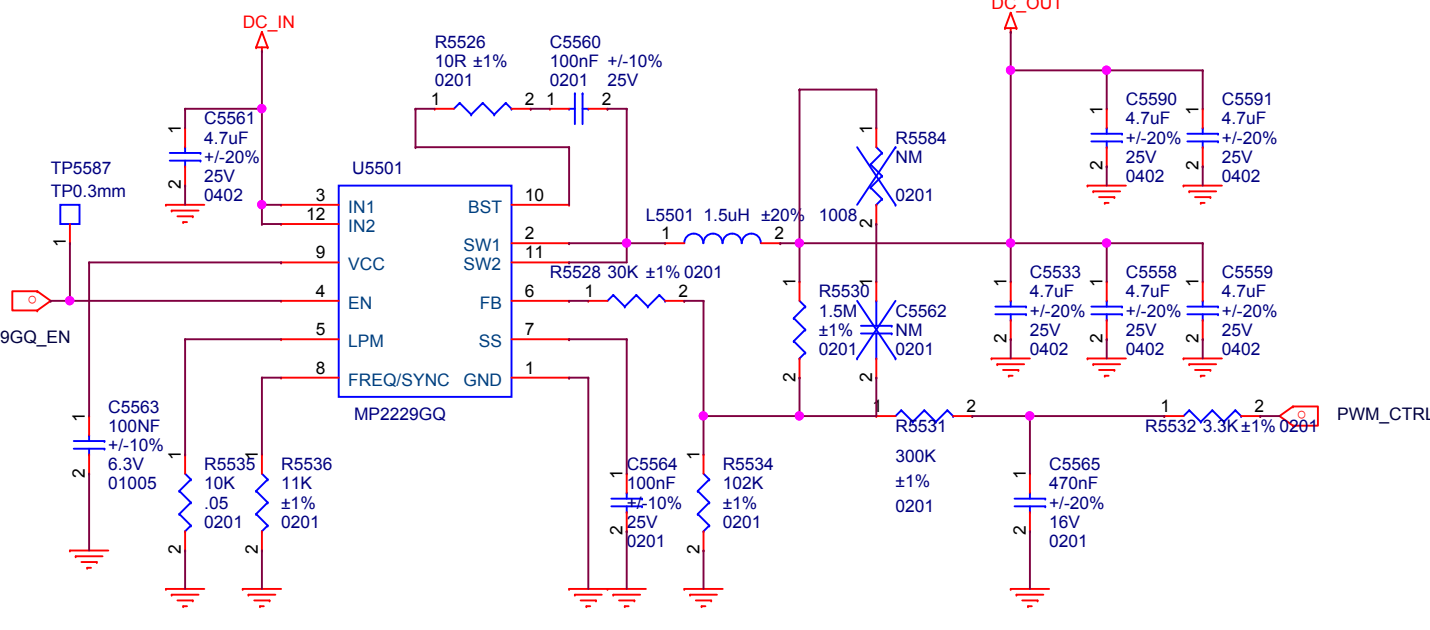
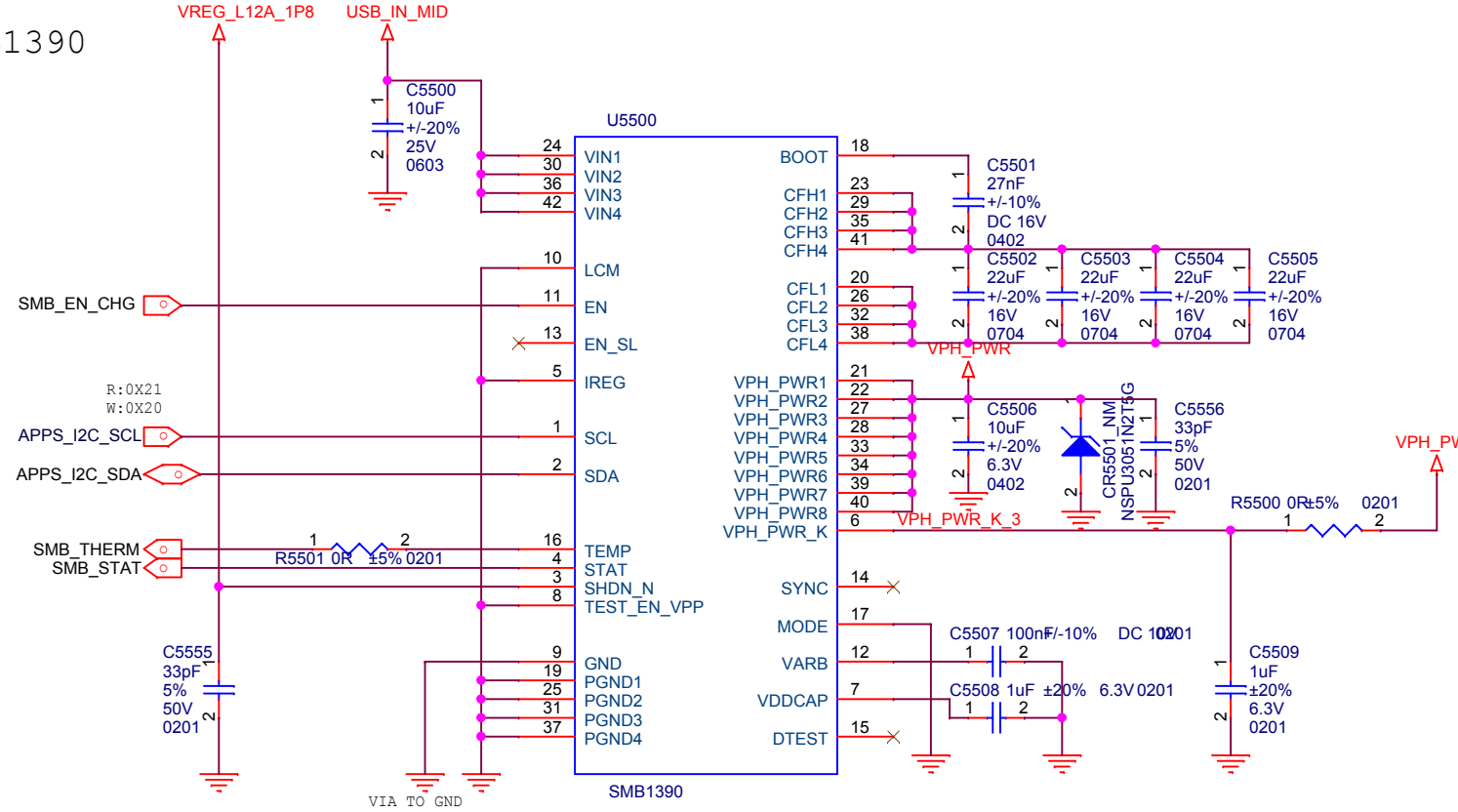
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Size	Document Number	
A4	PM855B CTRL&GND	
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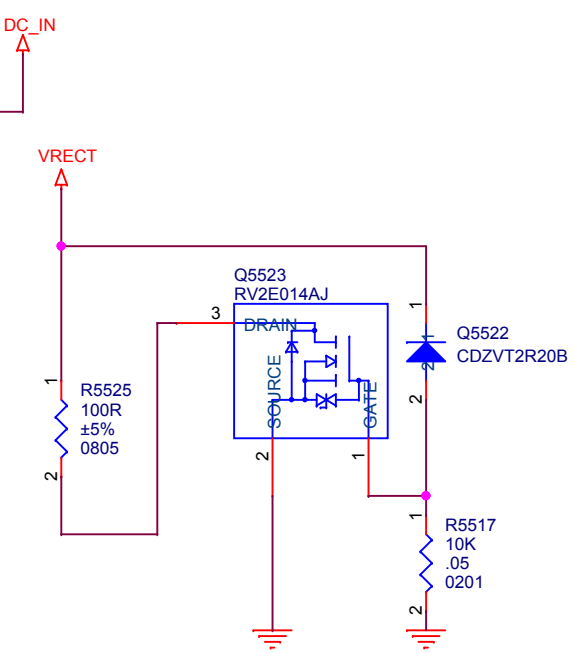
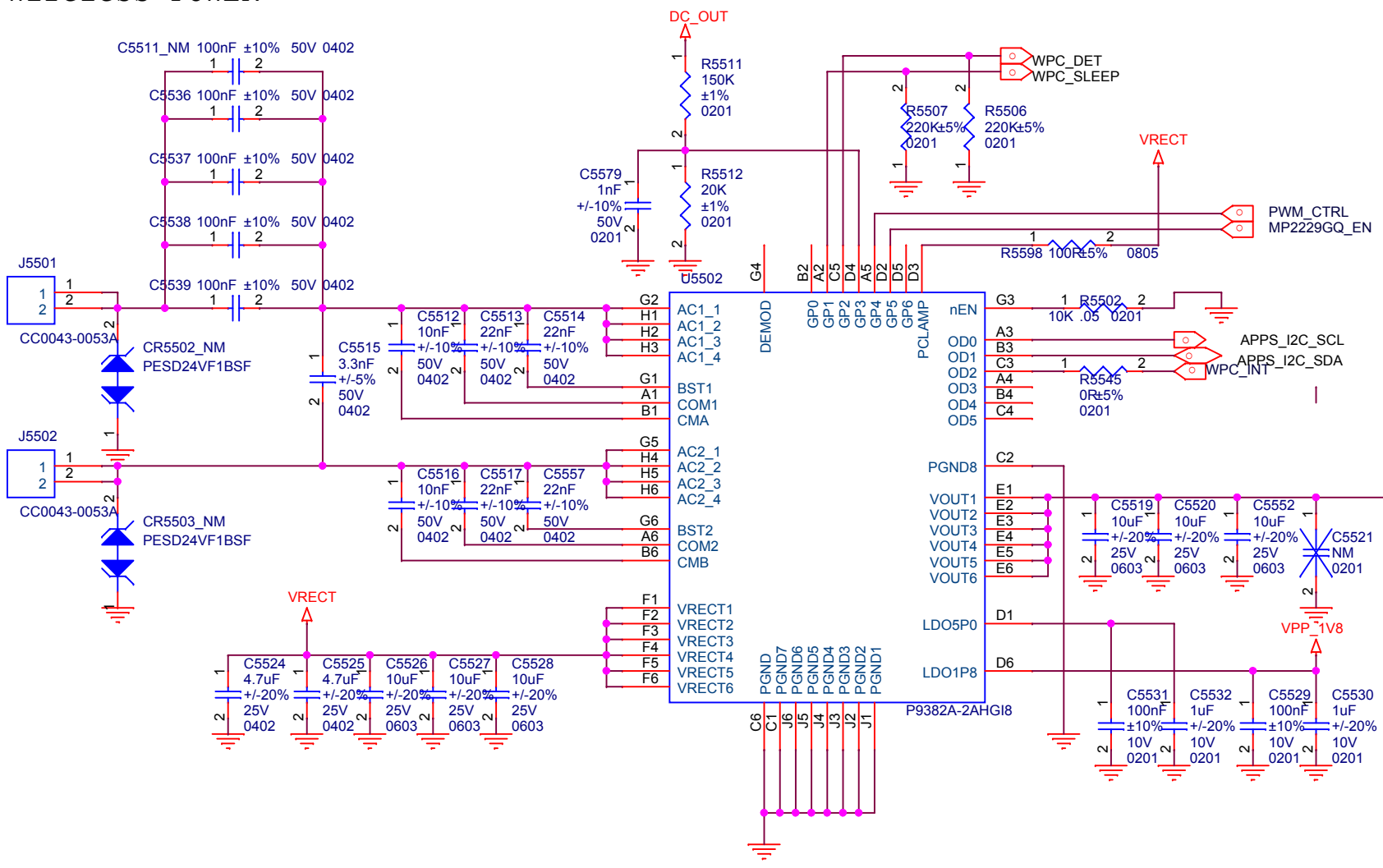




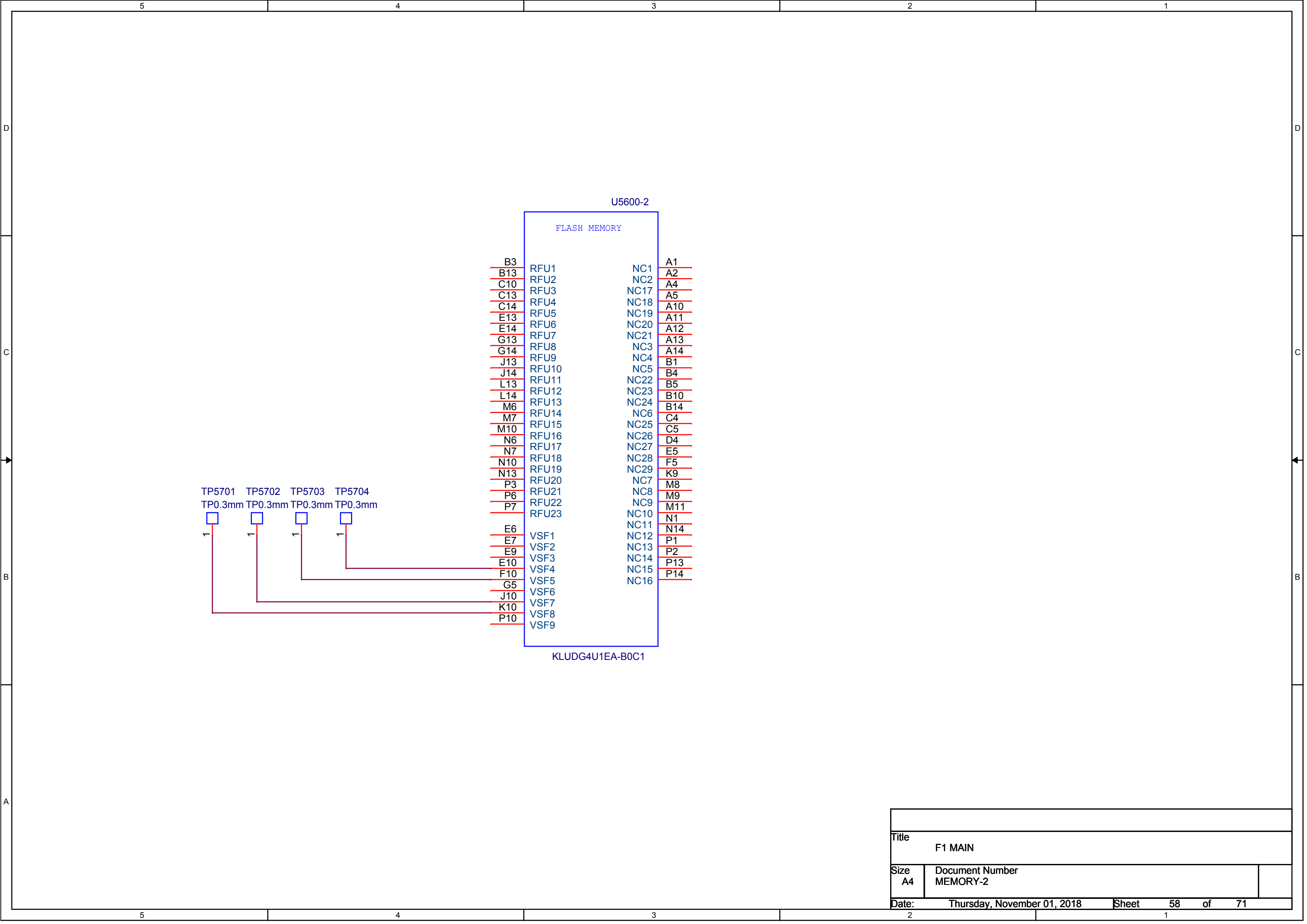
SMB1390



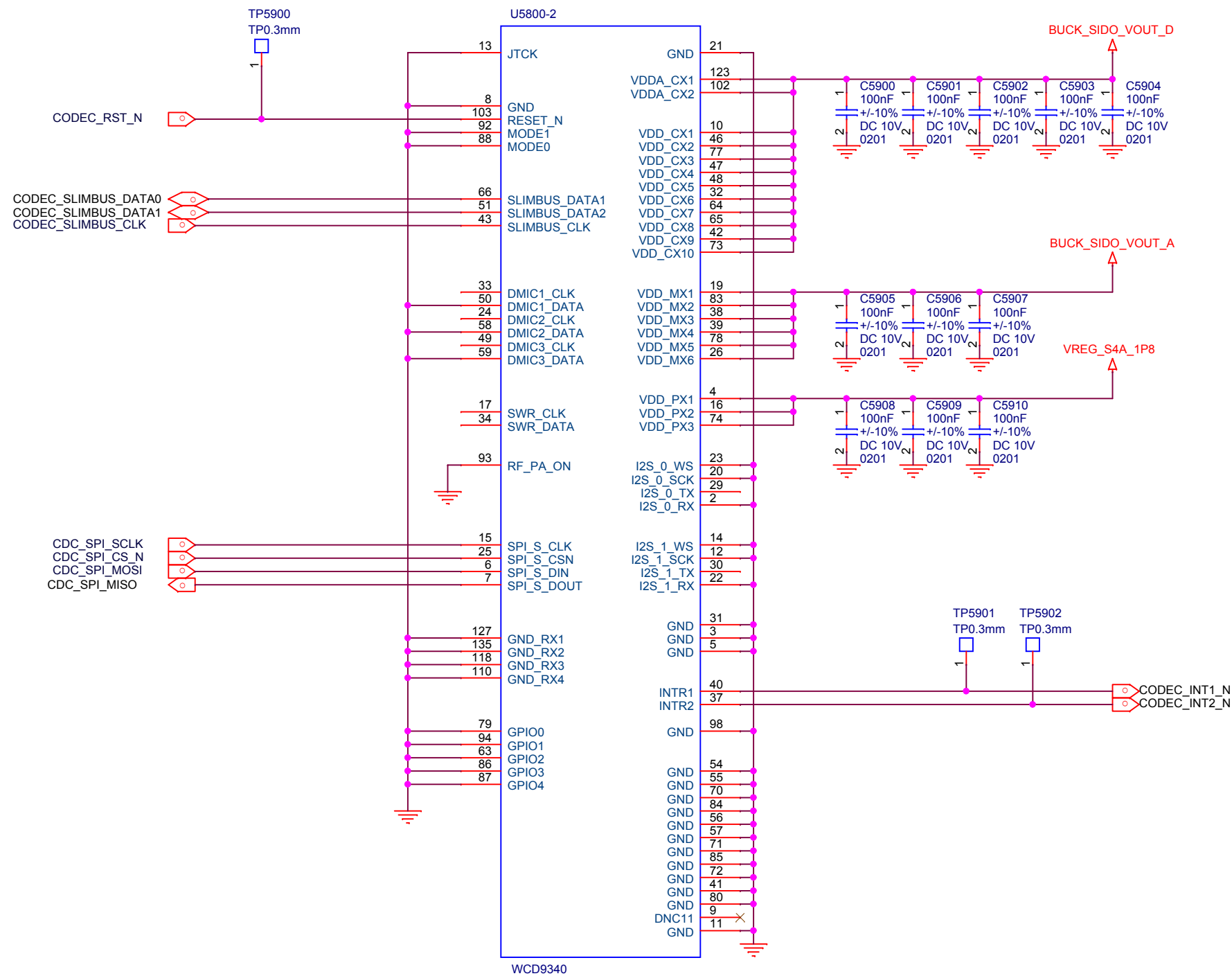
Wireless-POWER







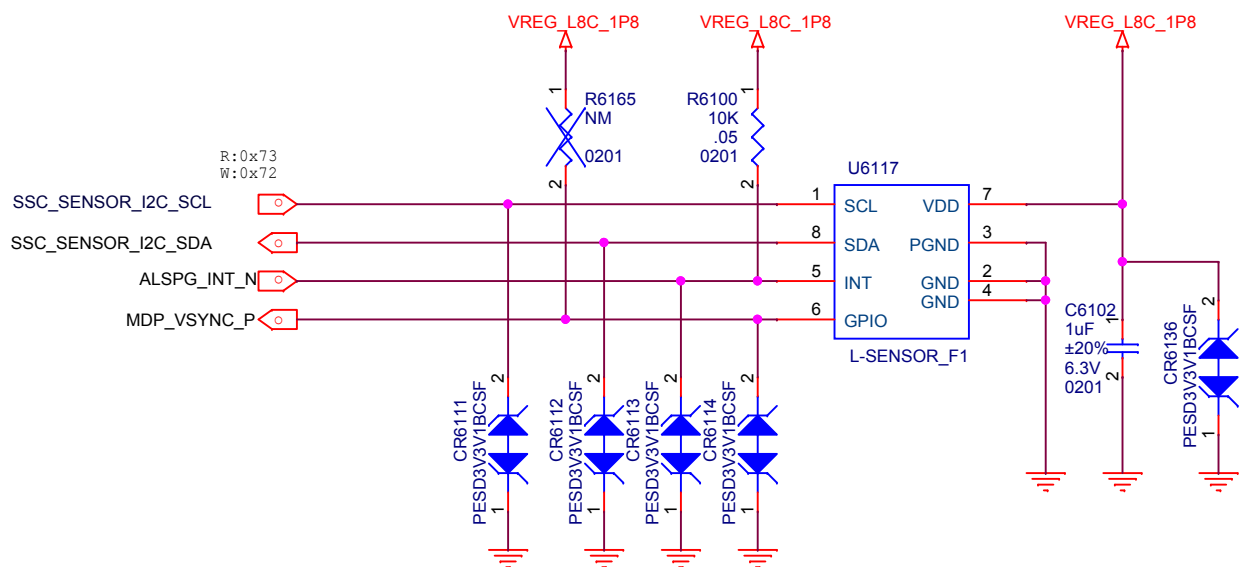




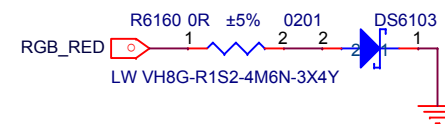
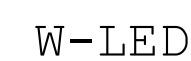




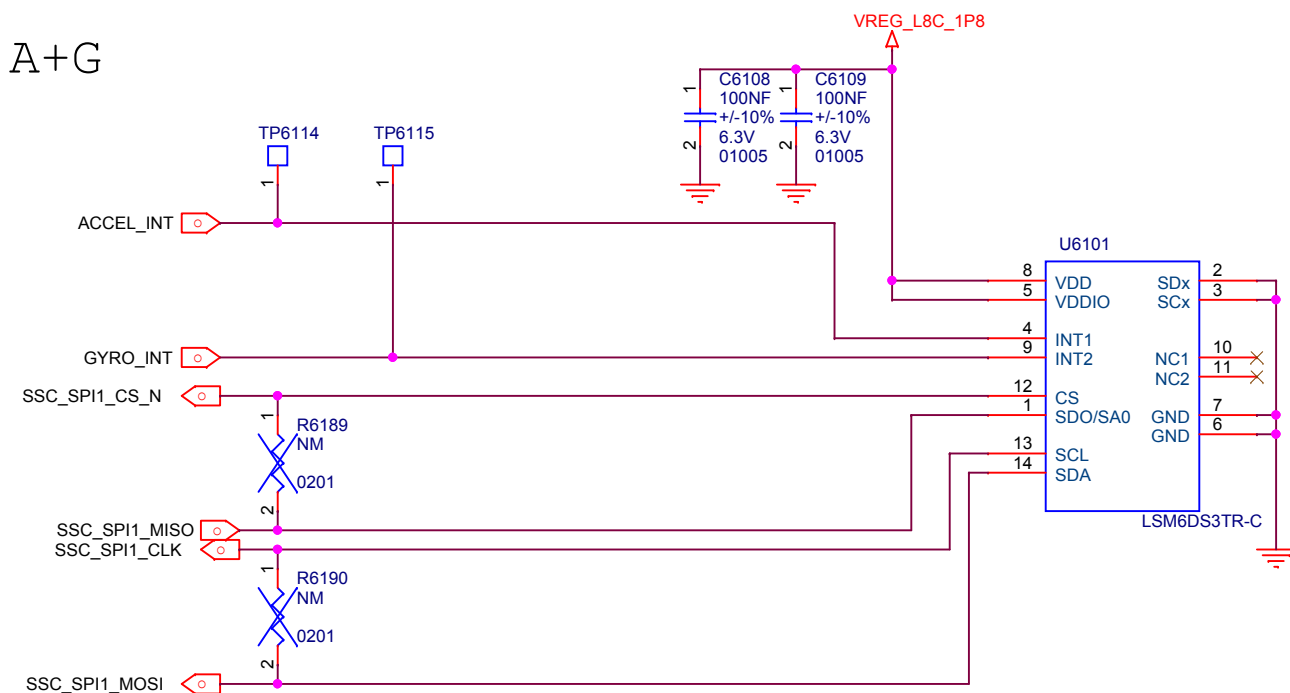
## L-sensor



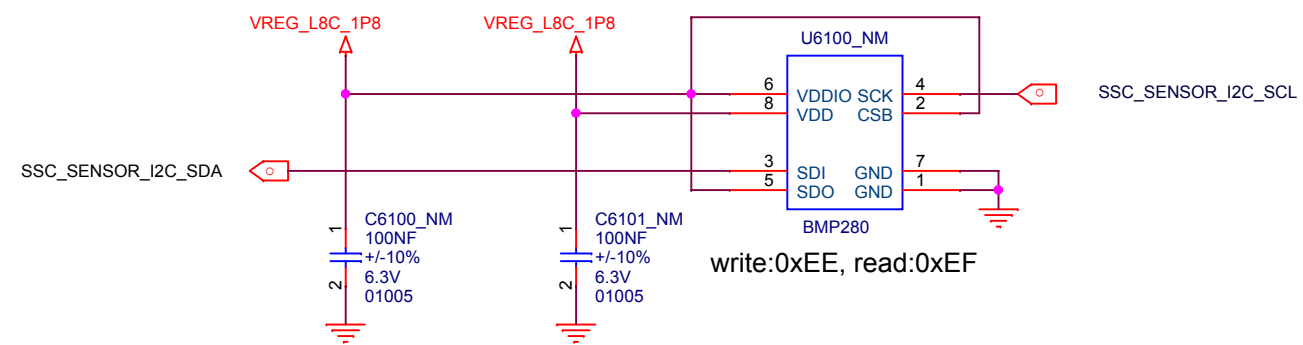
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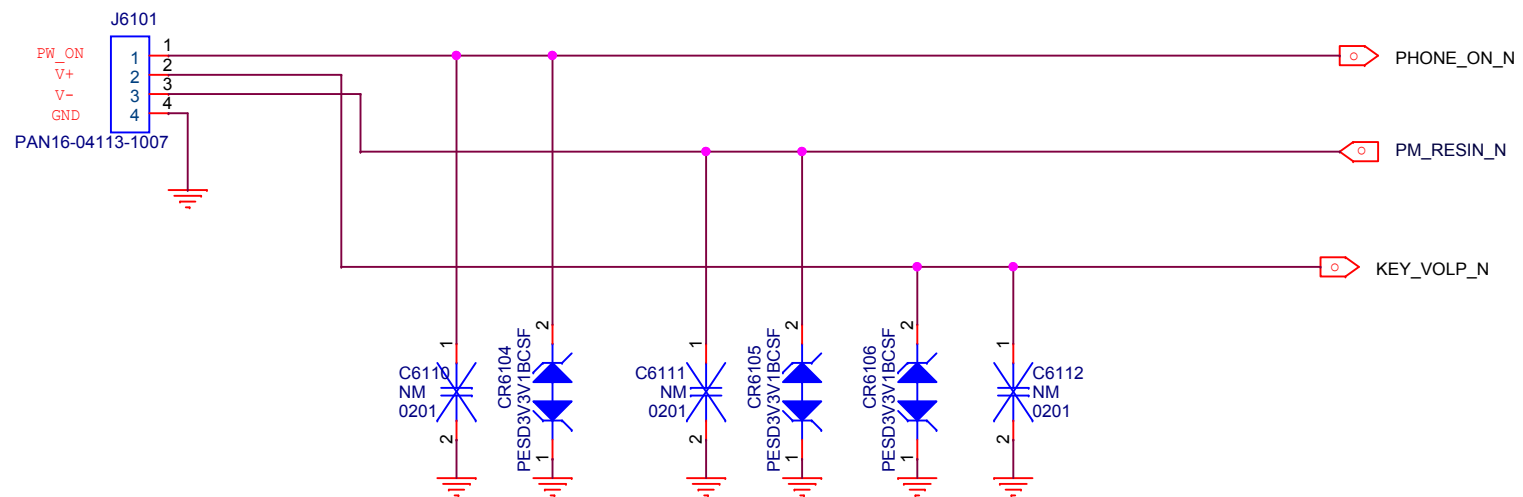
Below OLED

$$A+G$$


## PRESSURE



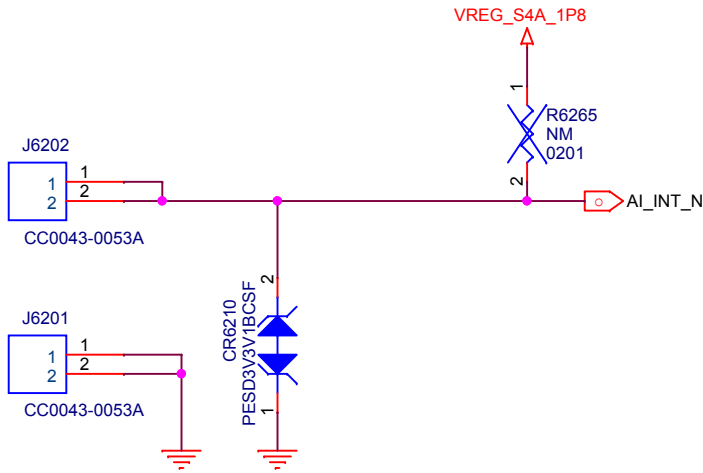
## Sidekey



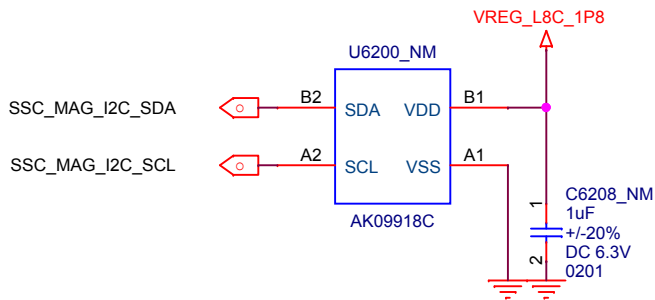
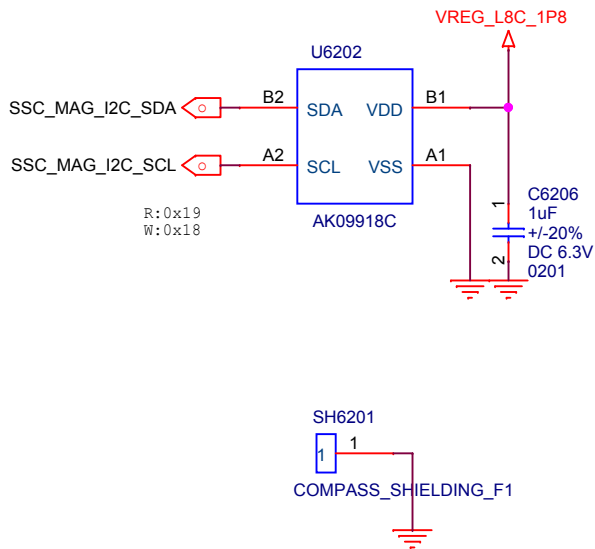
Title F1 MAIN			
Size A3	Document Number SENSOR		
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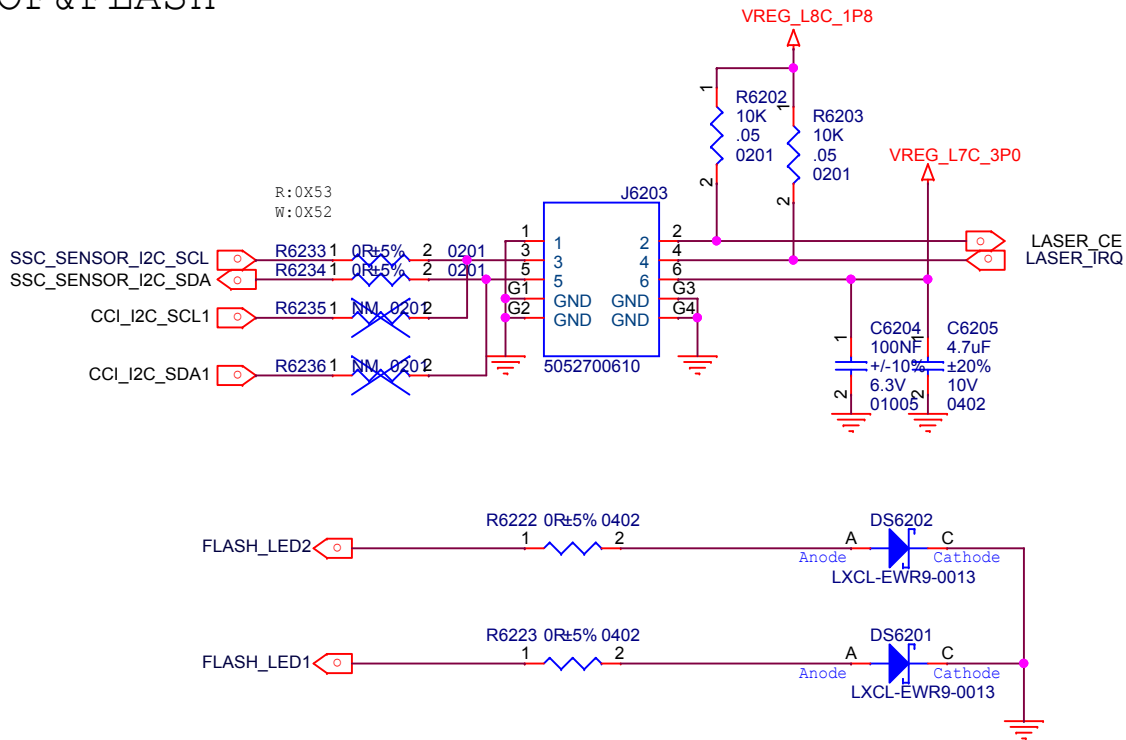
AI



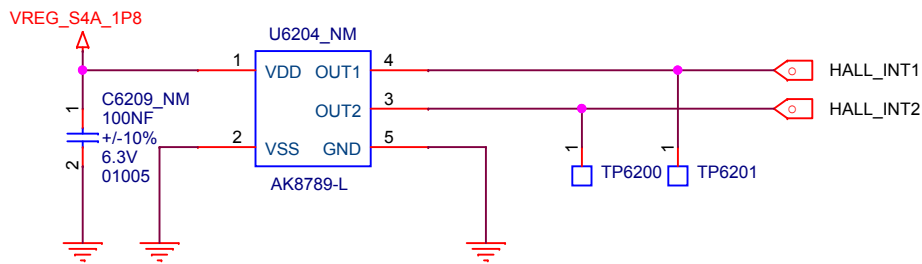
COMPASS



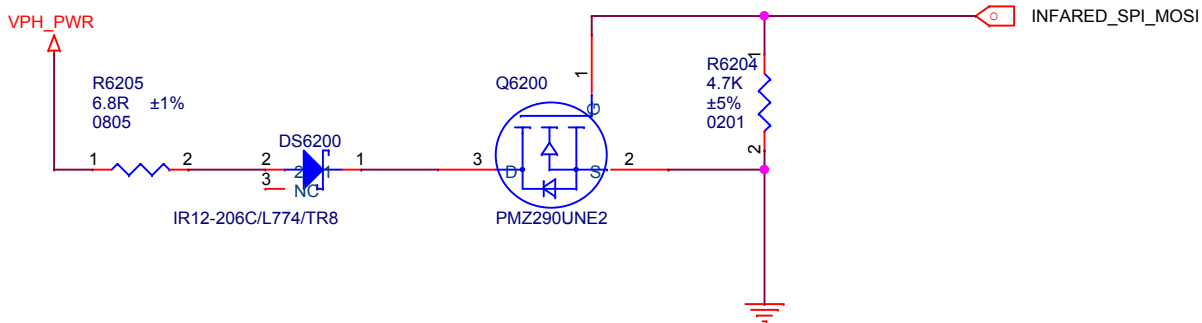
TOF&FLASH



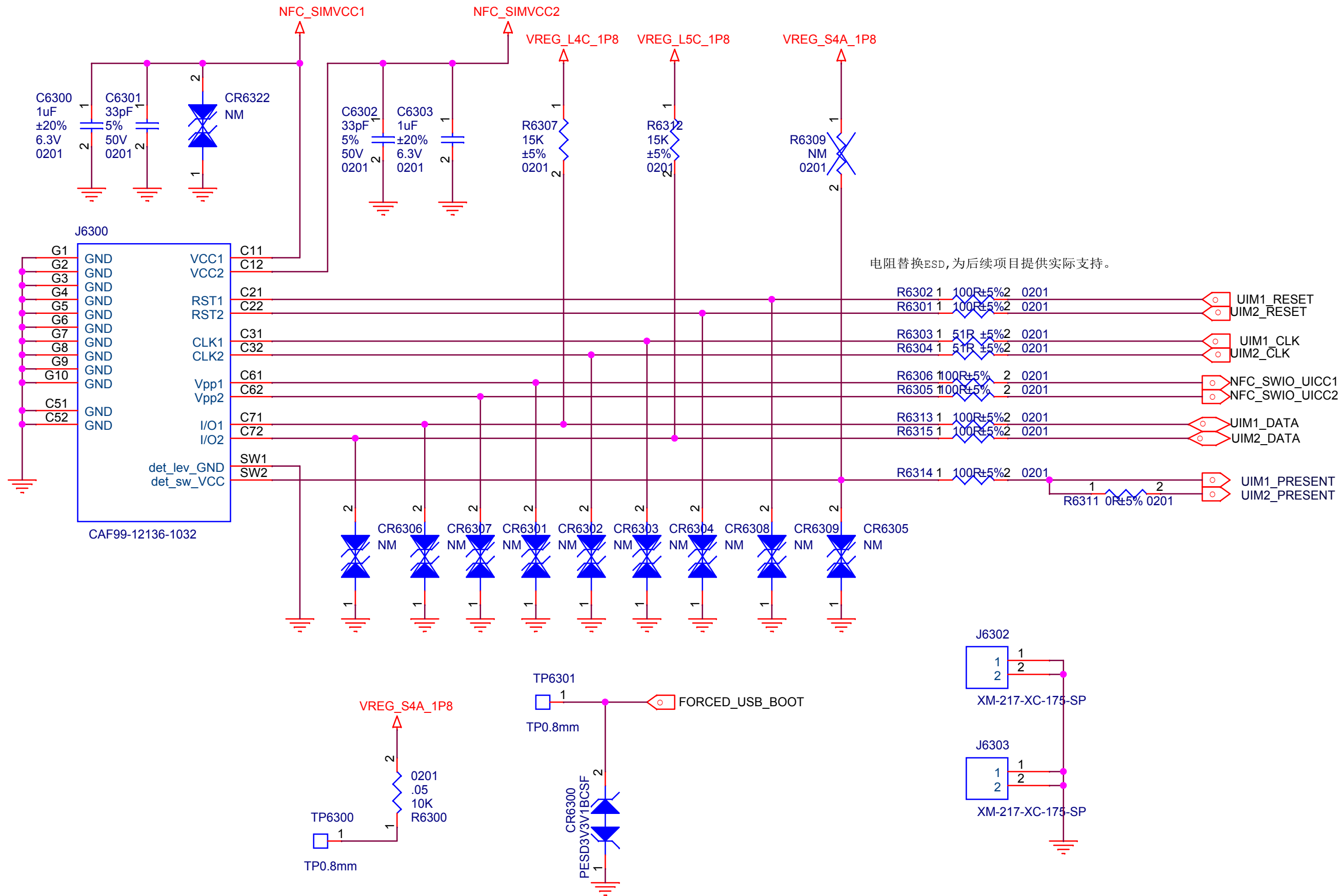
HALL

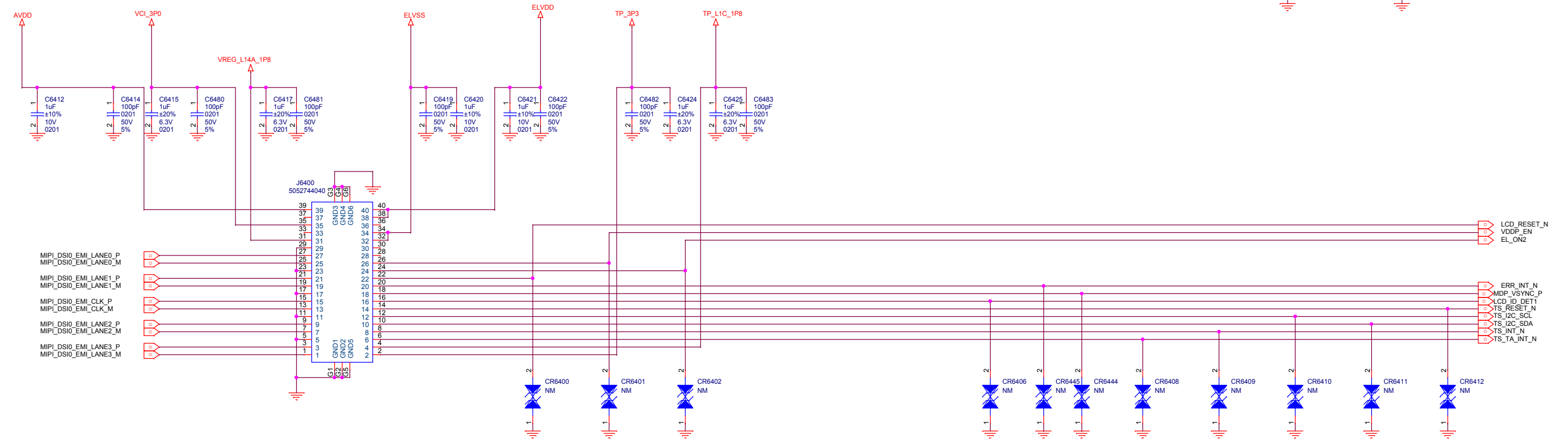
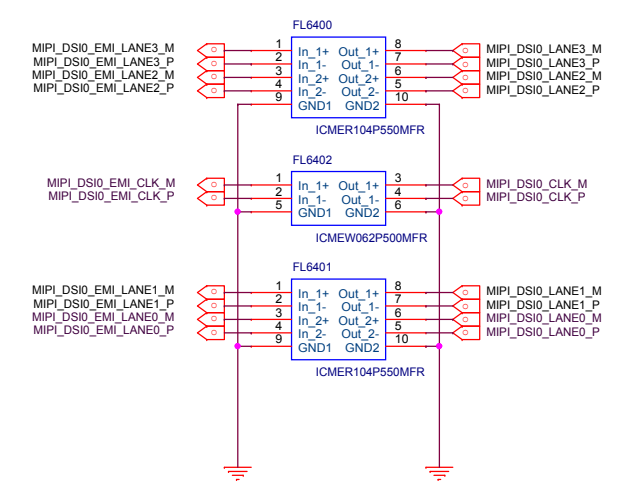


INFARED

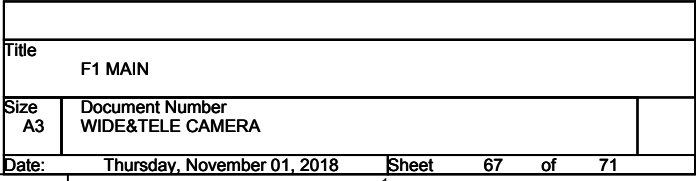


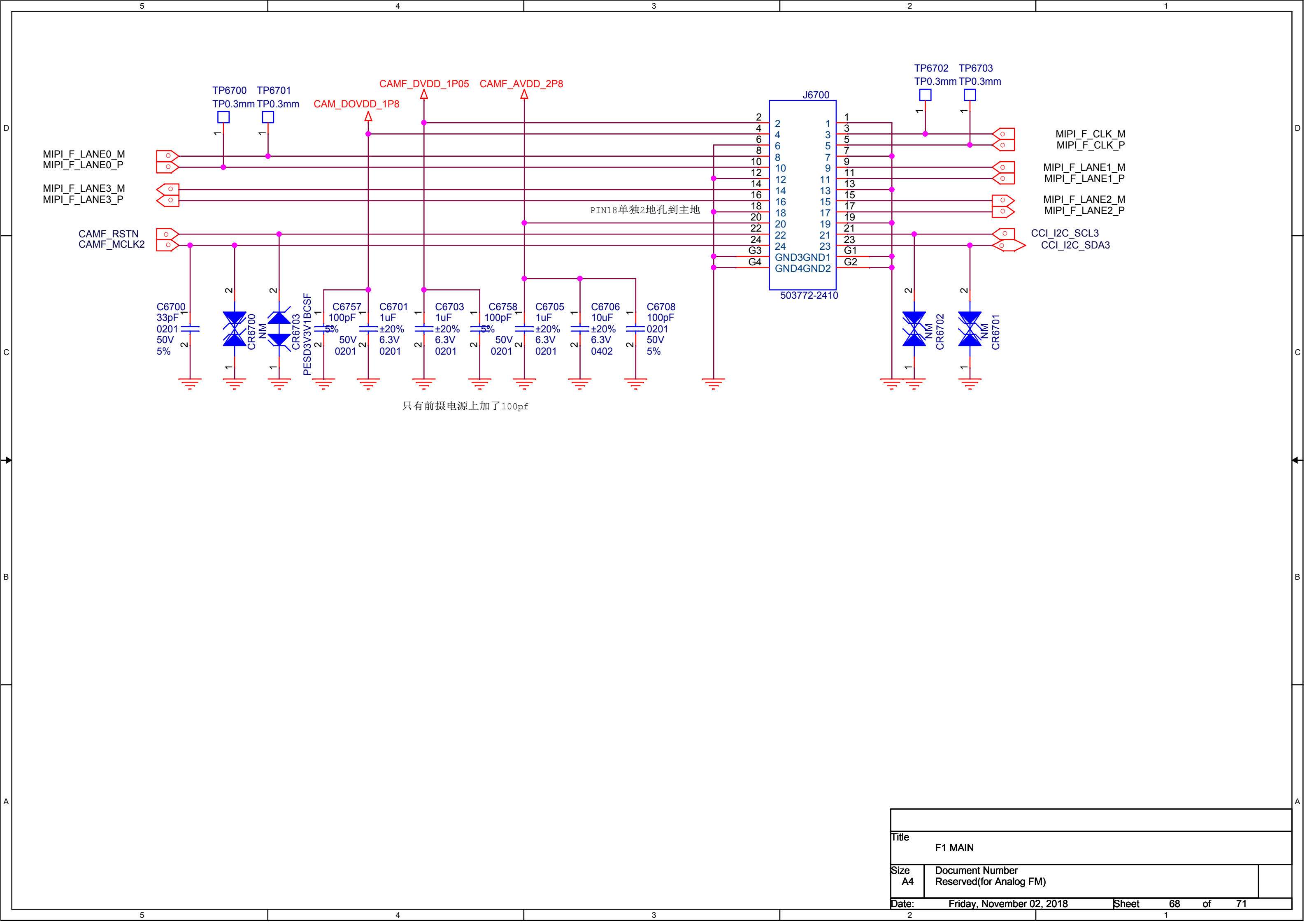
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F1 MAIN		
Size	Document Number	
A3	SENSOR-2	
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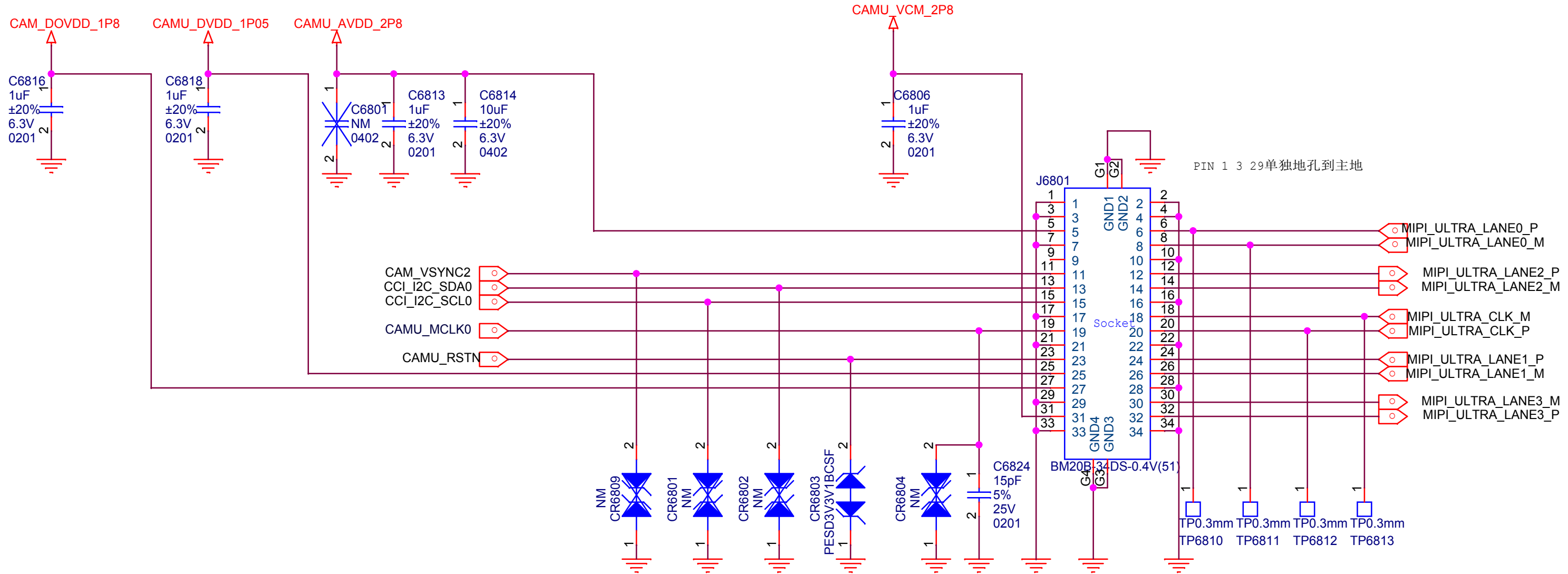




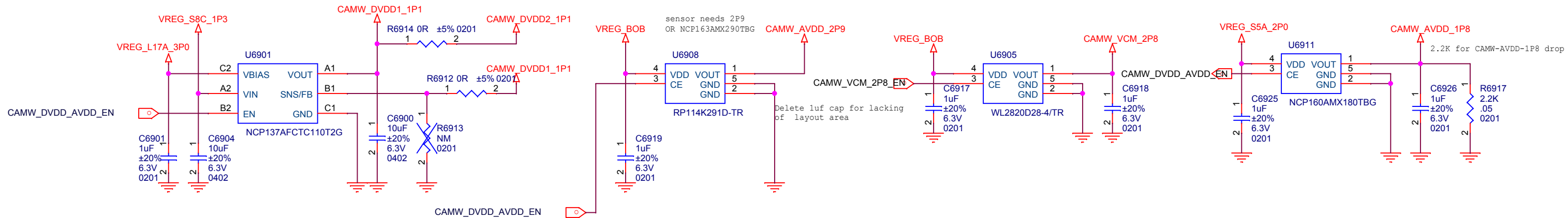




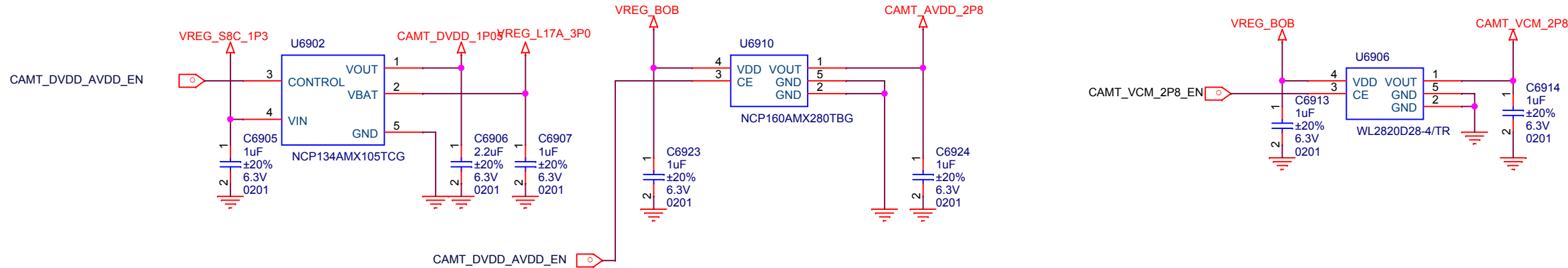




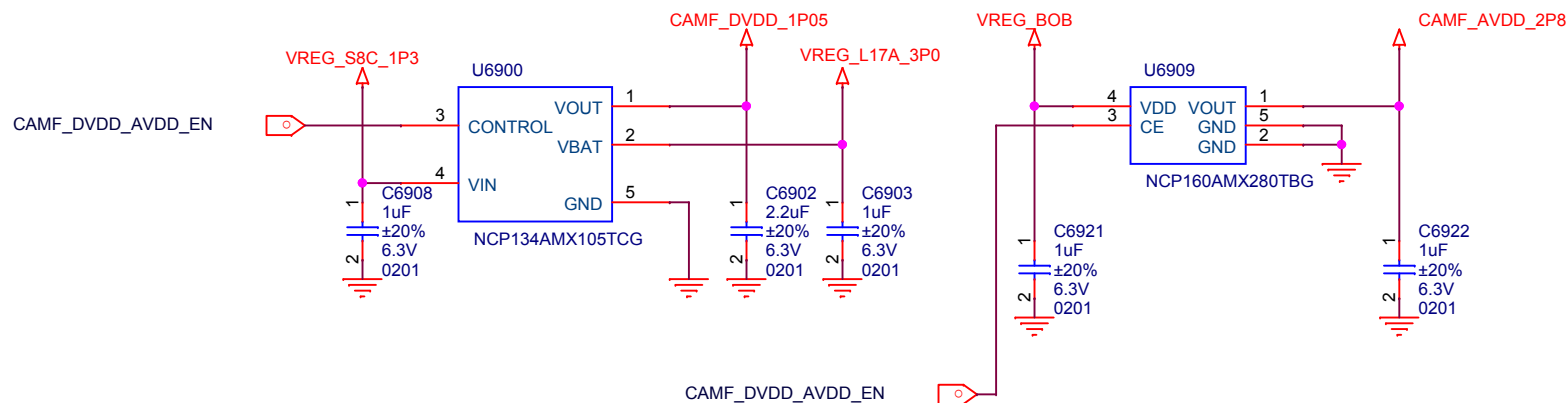
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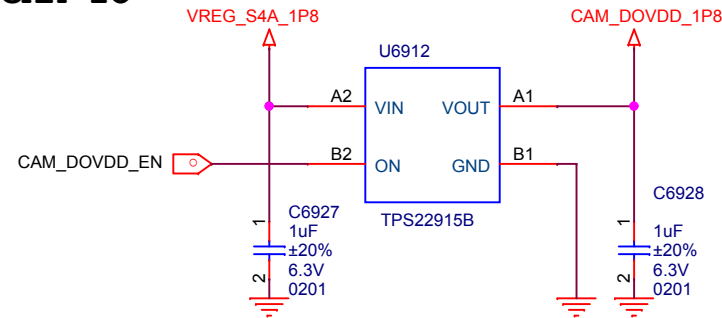
TELE



FRONT



CAM IO



ULTRA

