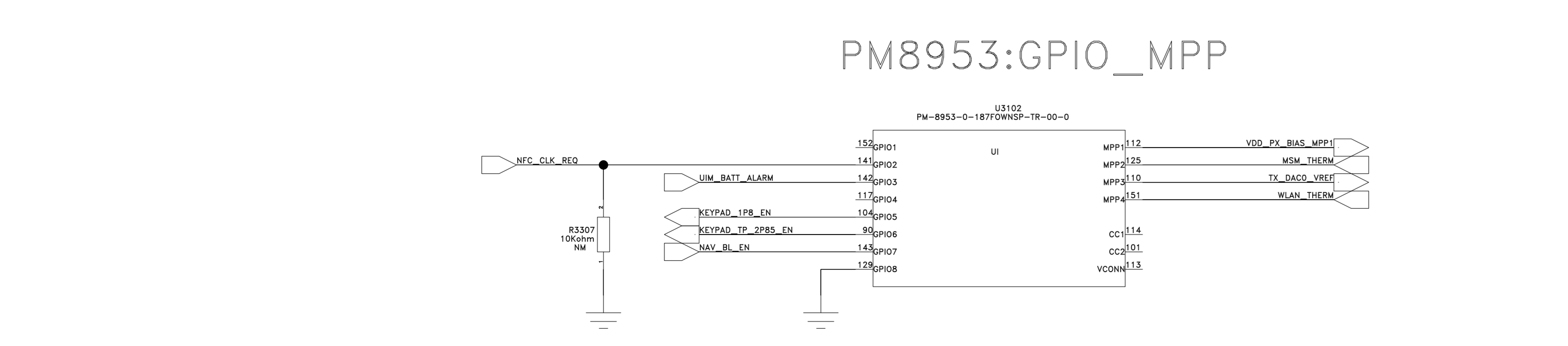
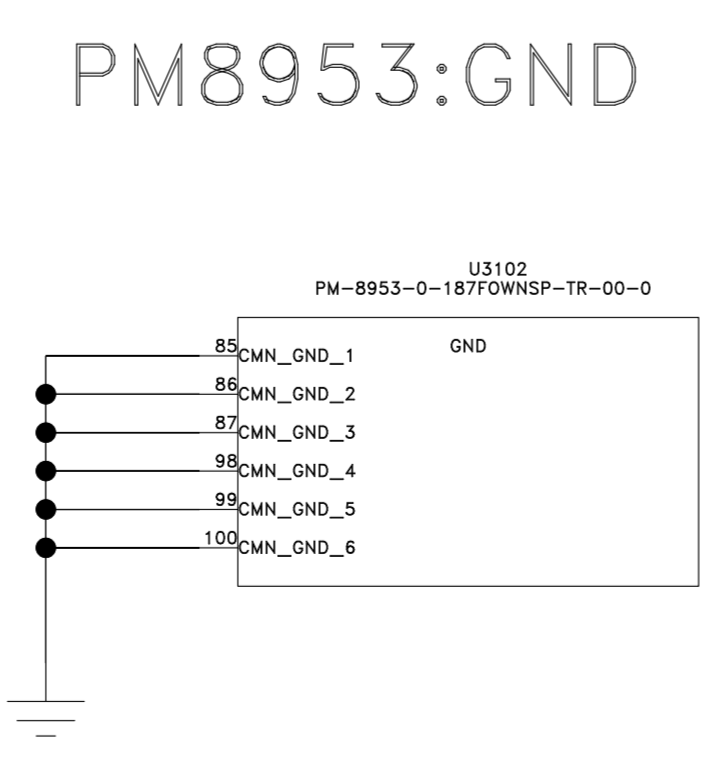
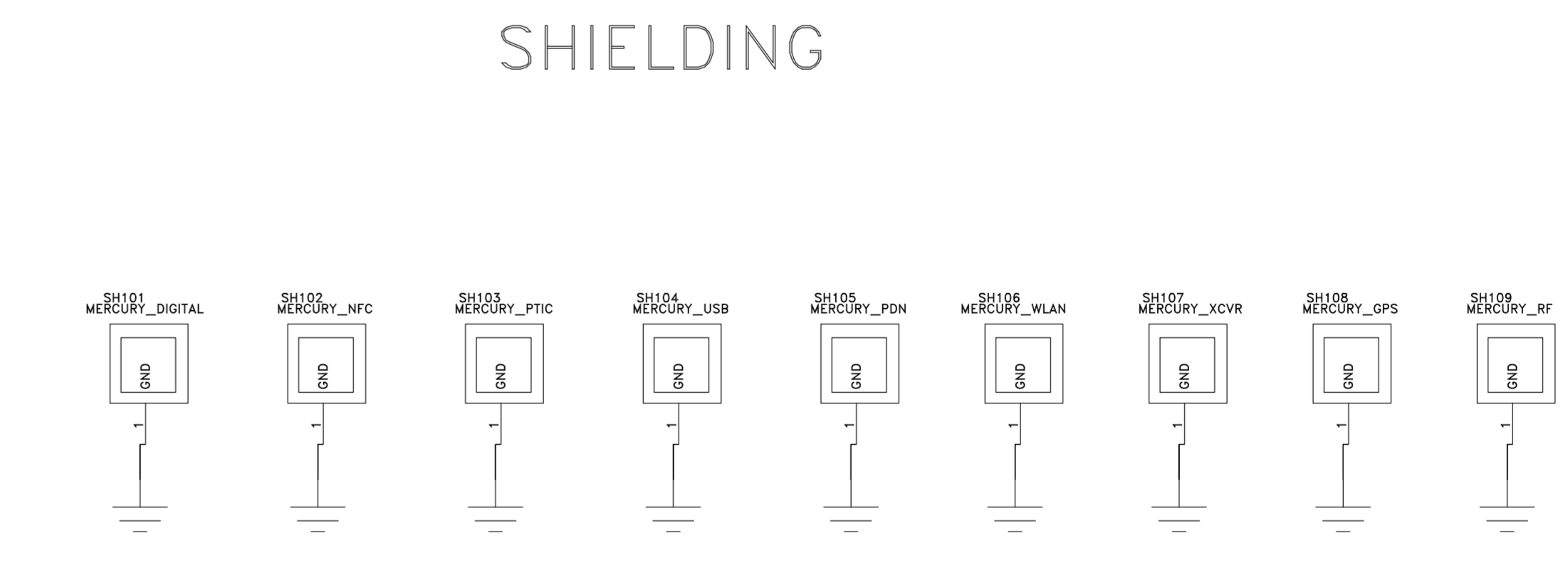
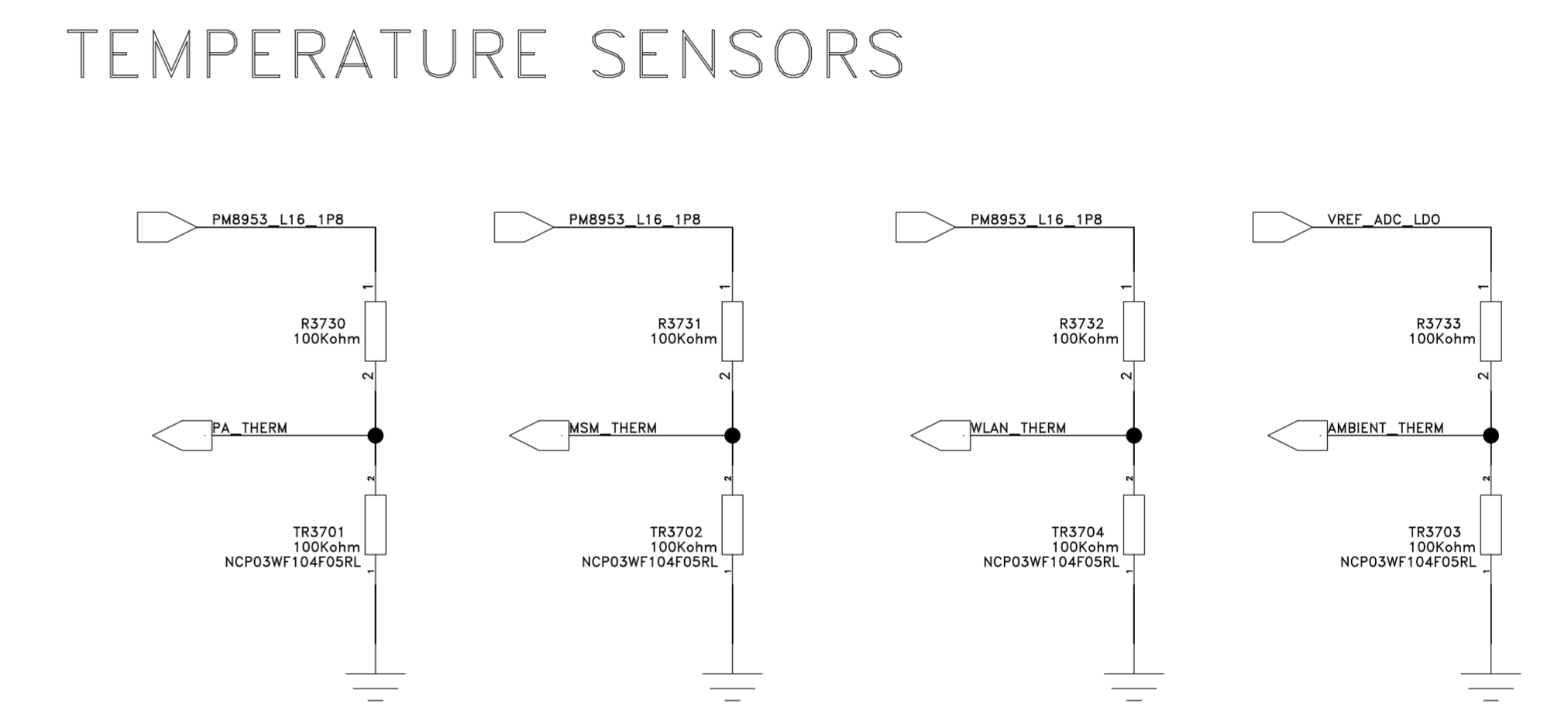
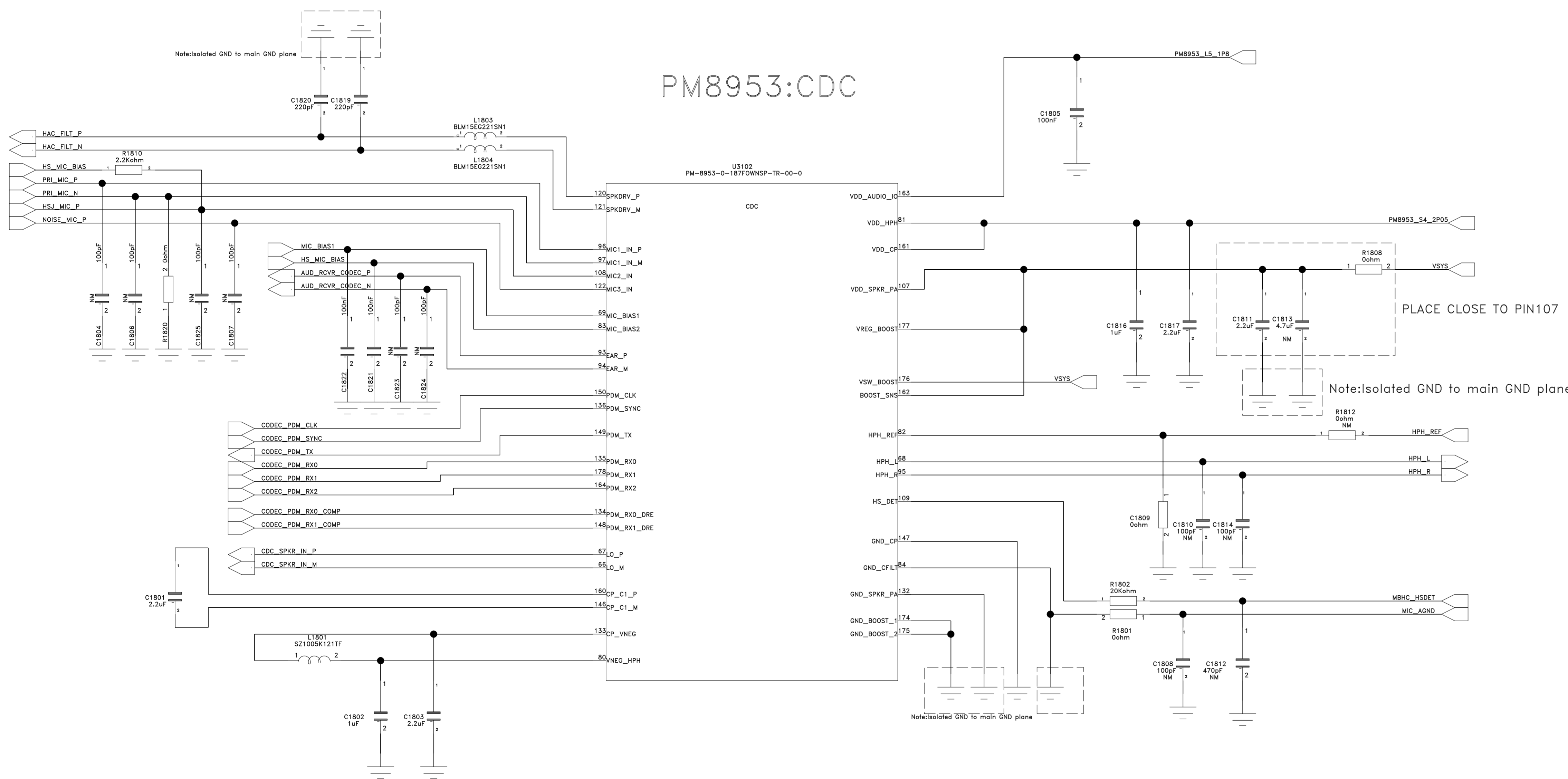
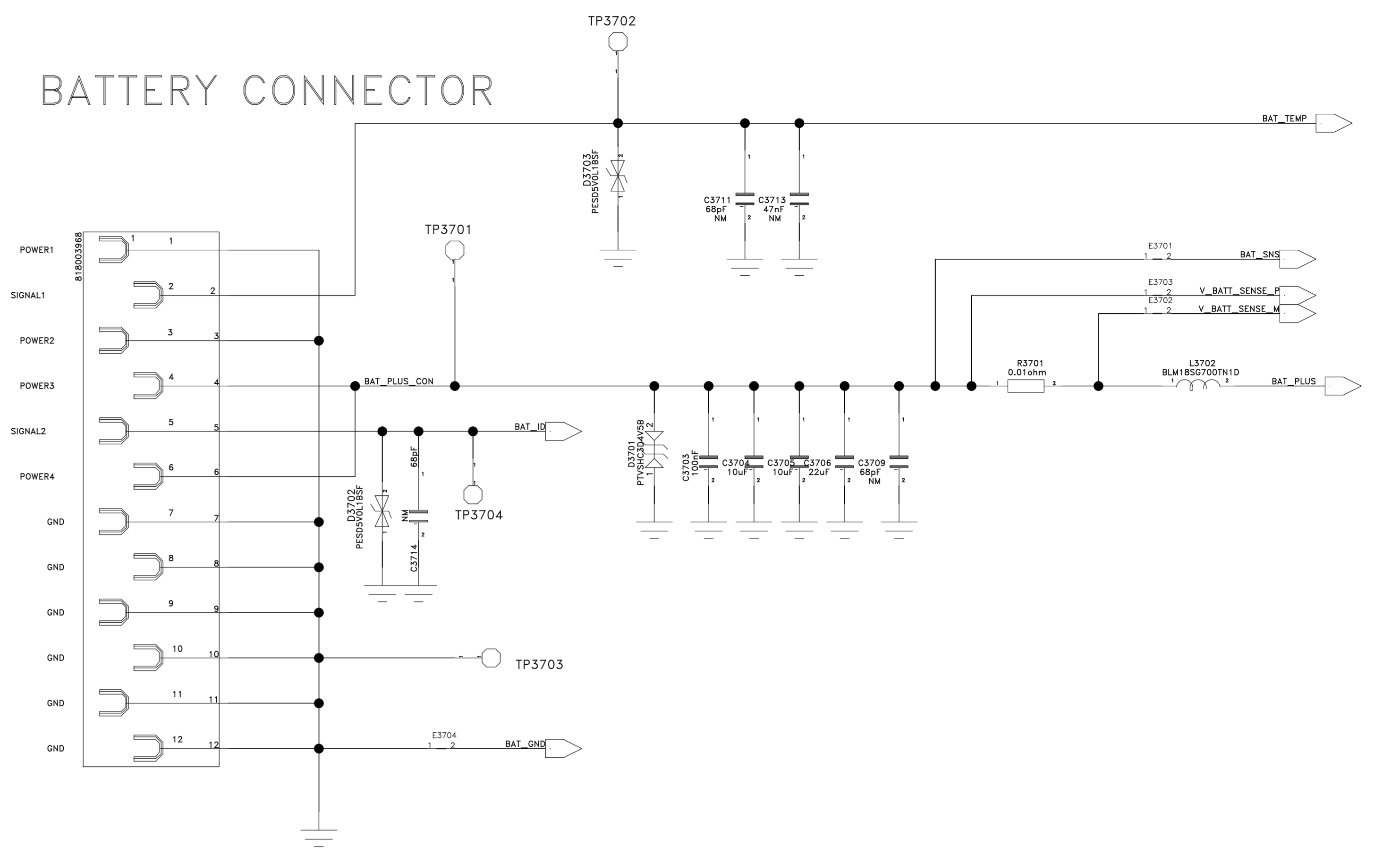
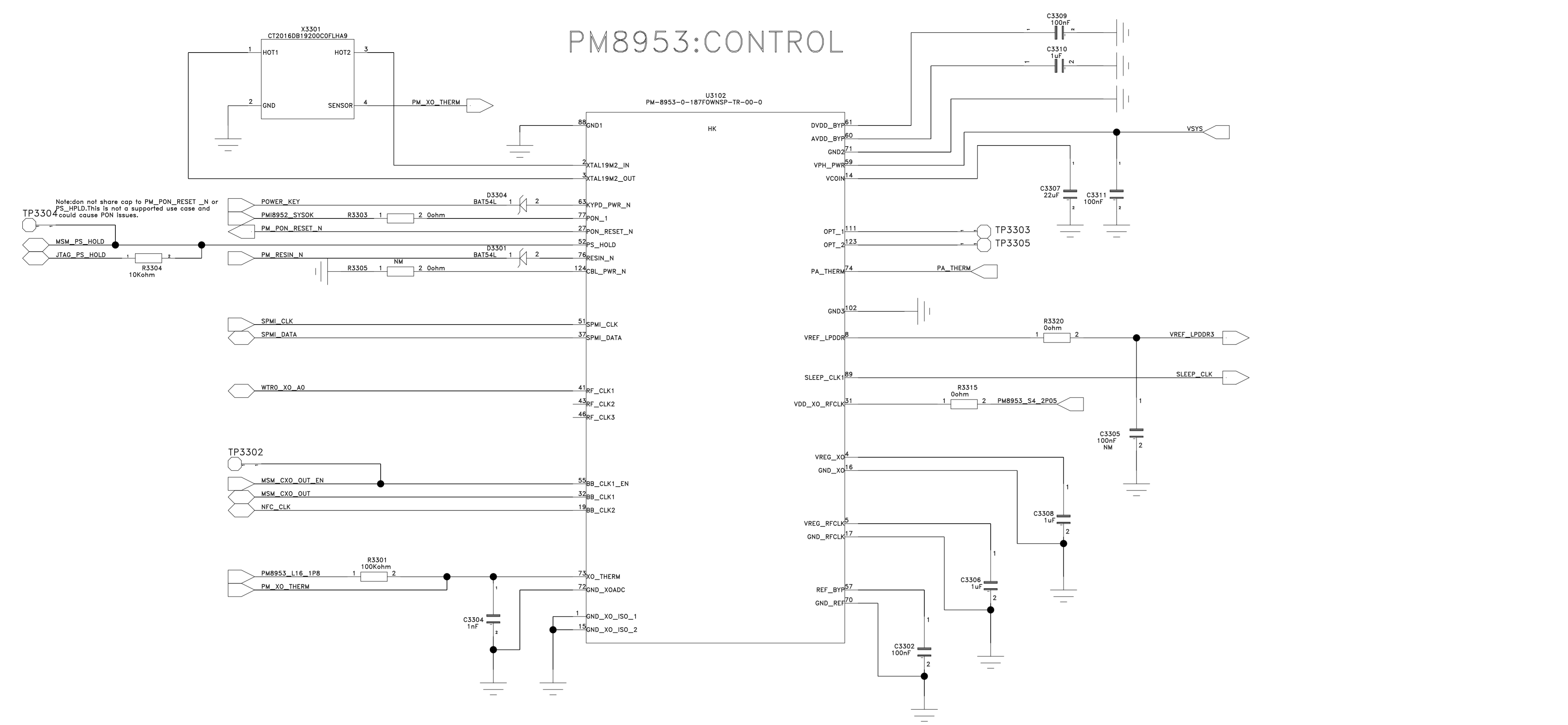


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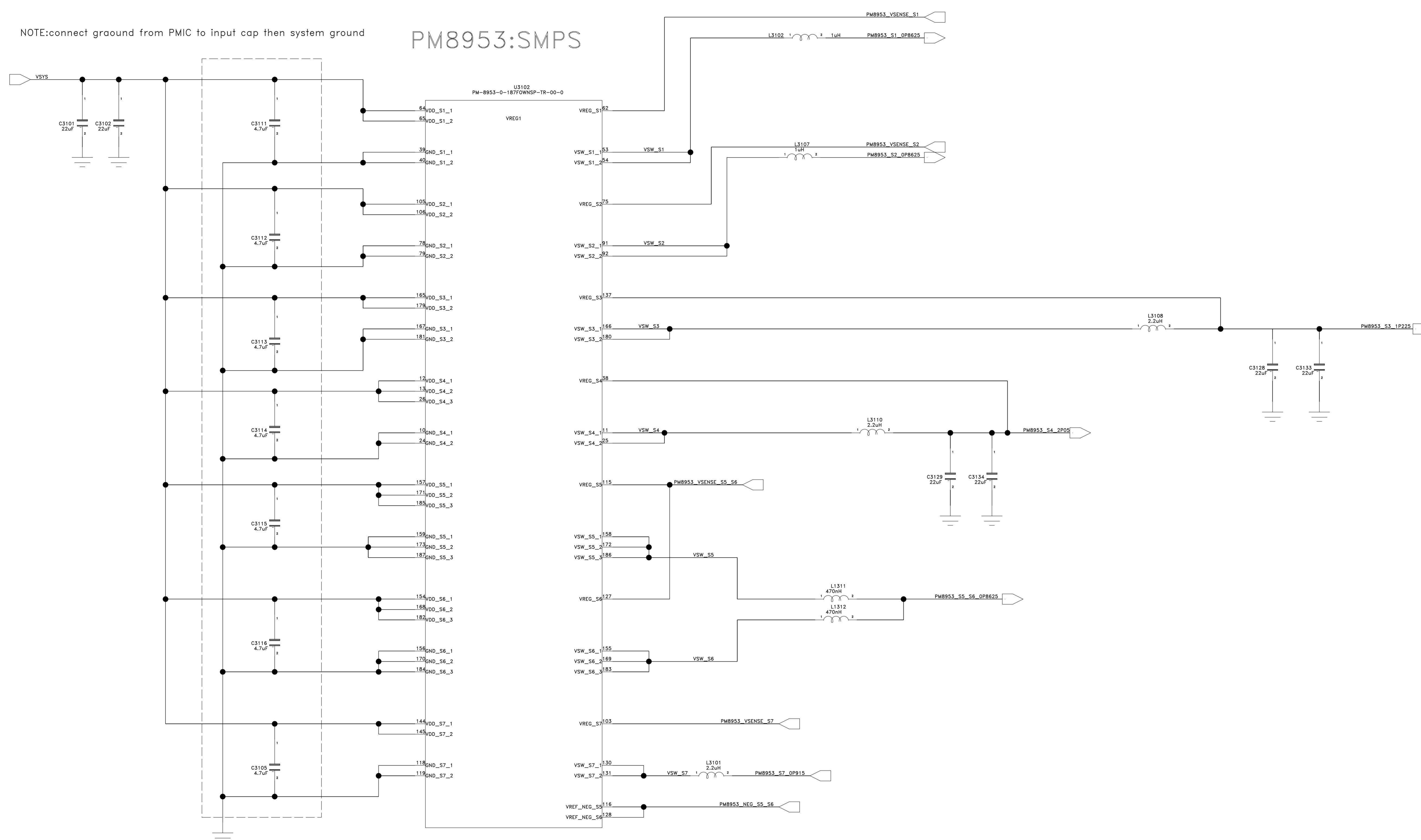
Contents	PAGE
PM8953	1-3
PMI8952/SMB1350	4-5
CPU:MSM8953	6-11
RF:WTR3925	12-13
RF:RFFE	13-18
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SIM/T_FLASH/LED DRIVER	22
NPI TP	23
Main Memory	24
AUDIO	25
SENSOR/KEYPAD/SIDEKEY CON	26
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HEADSET/MIC	28
TYPE C USB	29

Band configuration	GSM	WCDMA	TDS_CDMA	CDMA	TDD LTE	FDD LTE	CA
CN CA	QB	B1/2/5/8	B34/39	BC0	B38/39/40/41	B1/3/4/7/8/26	DL 2CA:1+3/3C/38C/39C/ 40C/41C/40+40/41+41/39+41 UL 2CA:39C/40C/41C
EU/APAC	QB	B1/2/5/8				B1/3/7/8/20/28	
LATAM	QB	B1/2/5/8				B1/2/3/4/5/7/12/17/28	

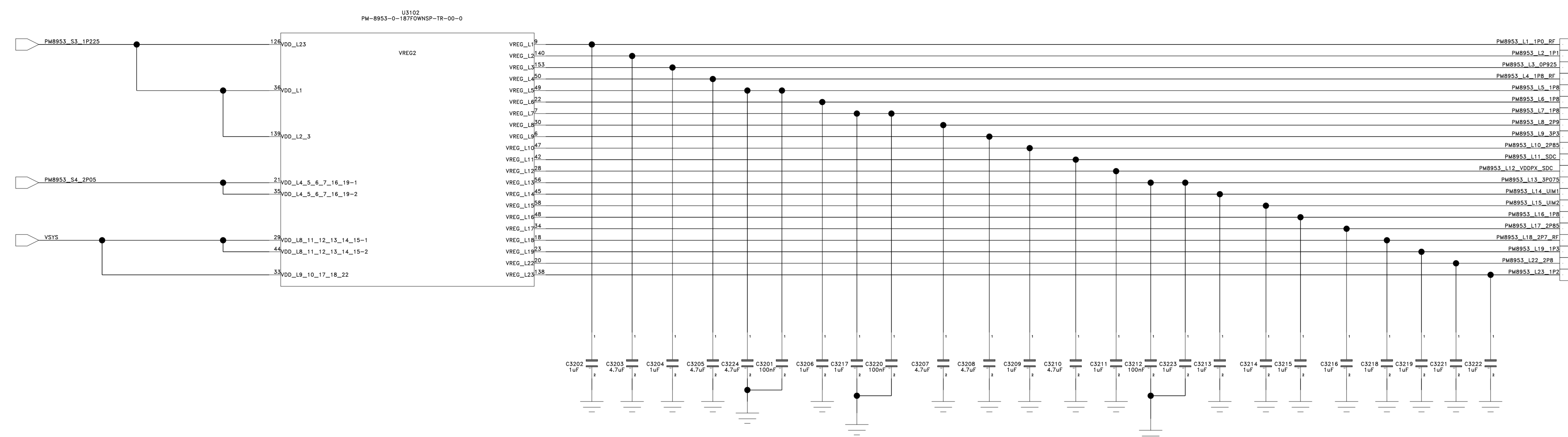


NOTE:connect ground from PMIC to input cap then system ground

### PM8953:SMPS



### PM8953:LDO

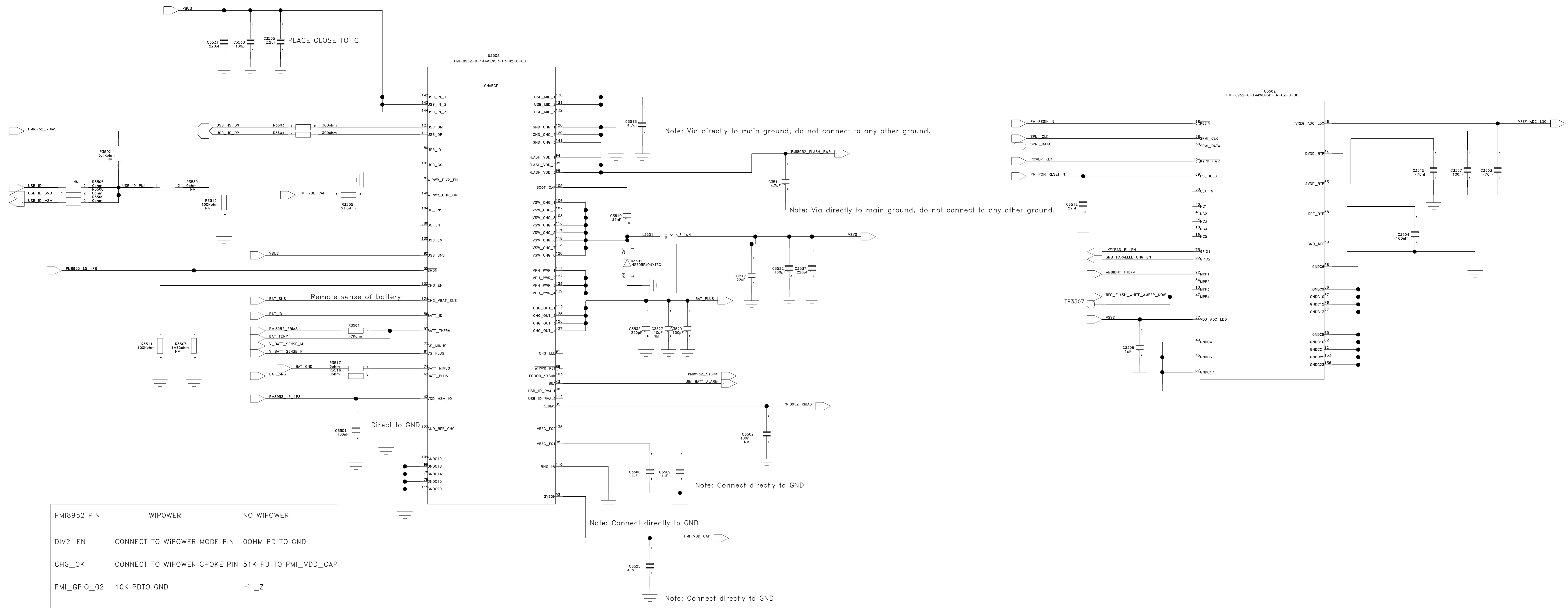


PSEUDO CAPLESS LDOs

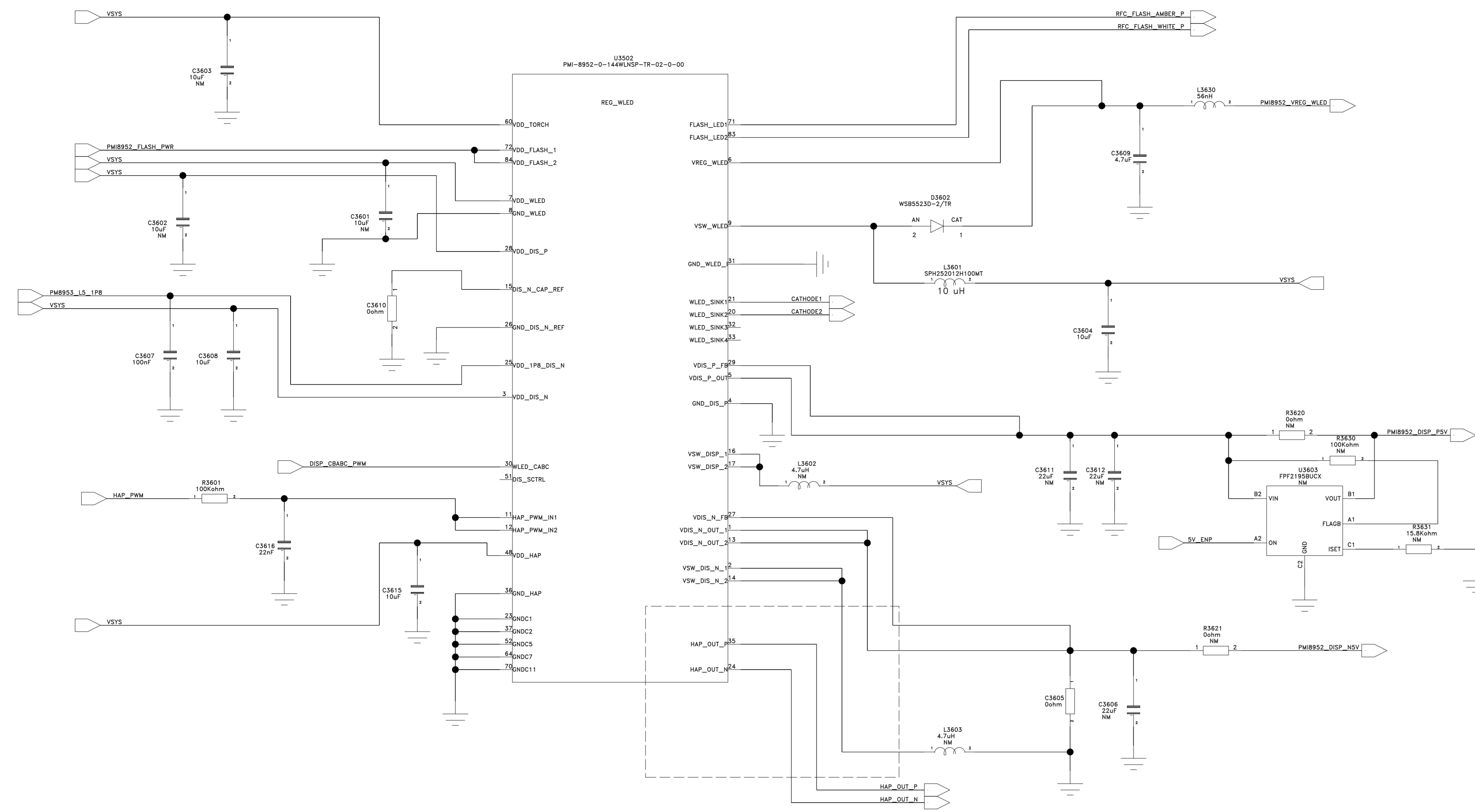
L4,L6,L8,L9,L10,L11,L12,L14,L15,L17,L18,L22

L5,L7,L13,L16 HAVE INTERNAL pmic LOADS AND REQUIRE LOCAL caps

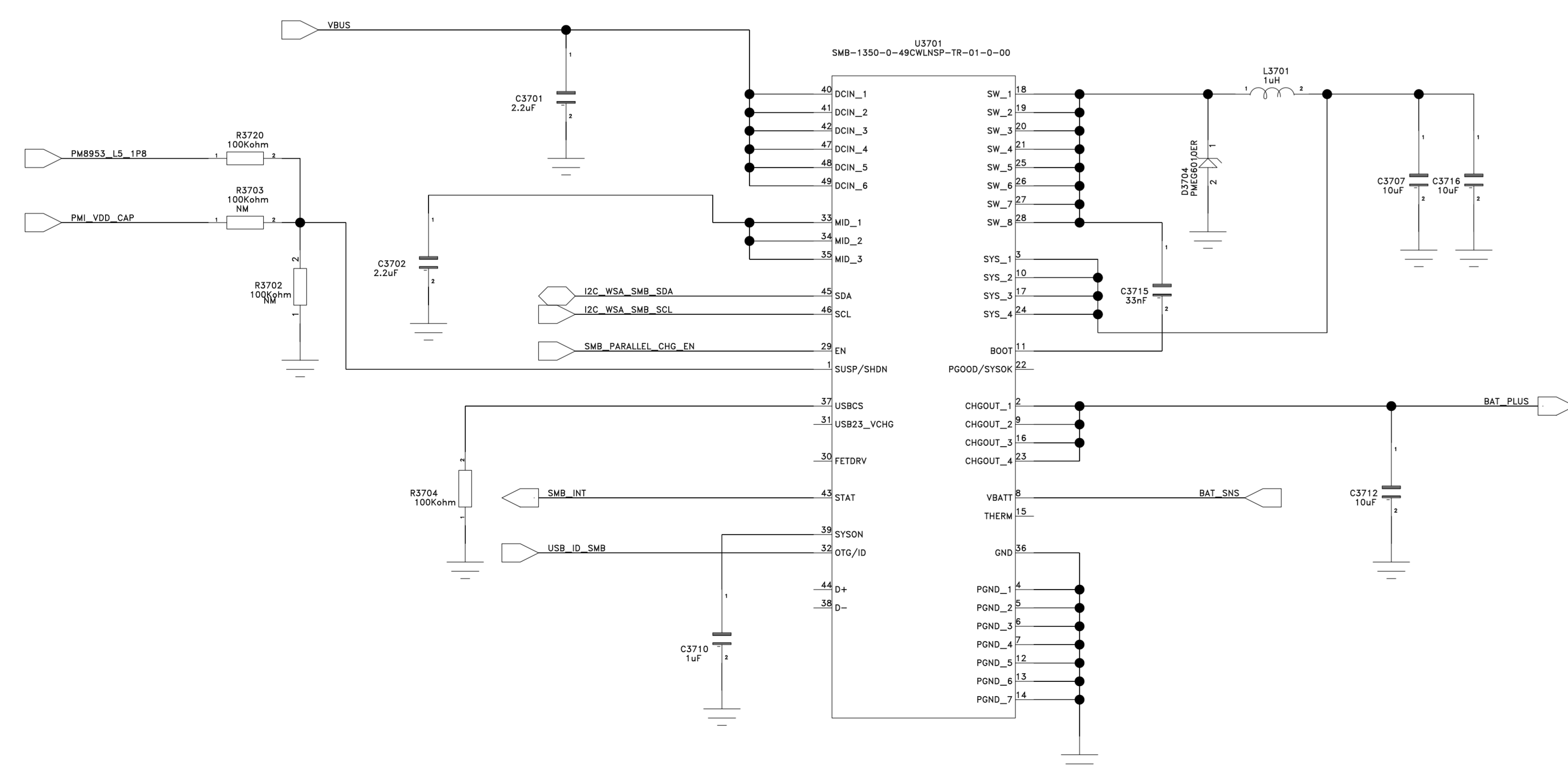
NOTE:If CAPLESS LODs decaps on the load side do not add up to 1uf,then inastall the cap close to the PMIC



### PMI8952 USER INTERFACE

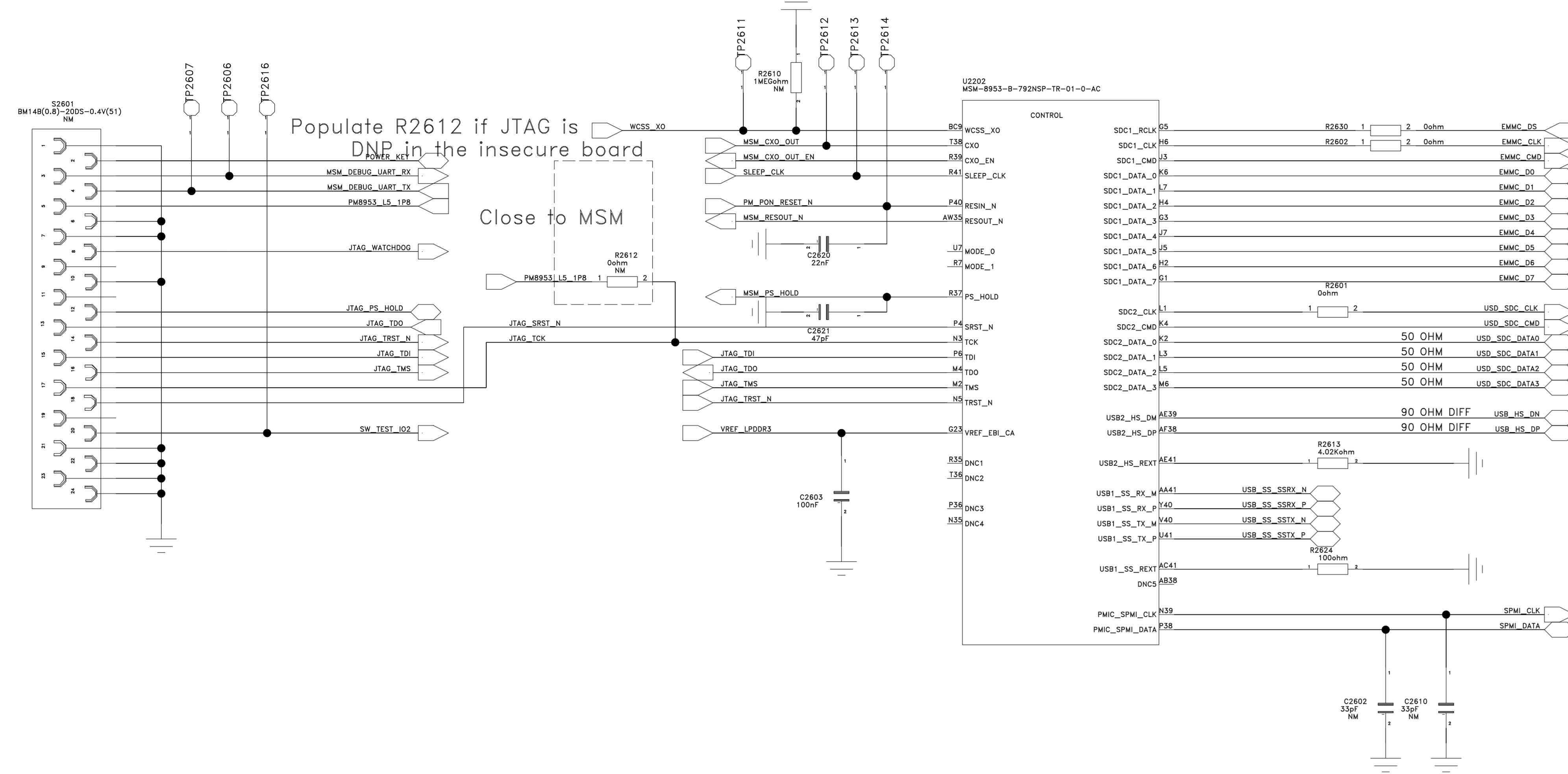


### PARALLEL CHARGER: SMB 1350



### MSM8953 CONTROL

Note:wcss\_xo signal required only for 5ghz.  
When using WCN3615 connect pin BD10 to GND.



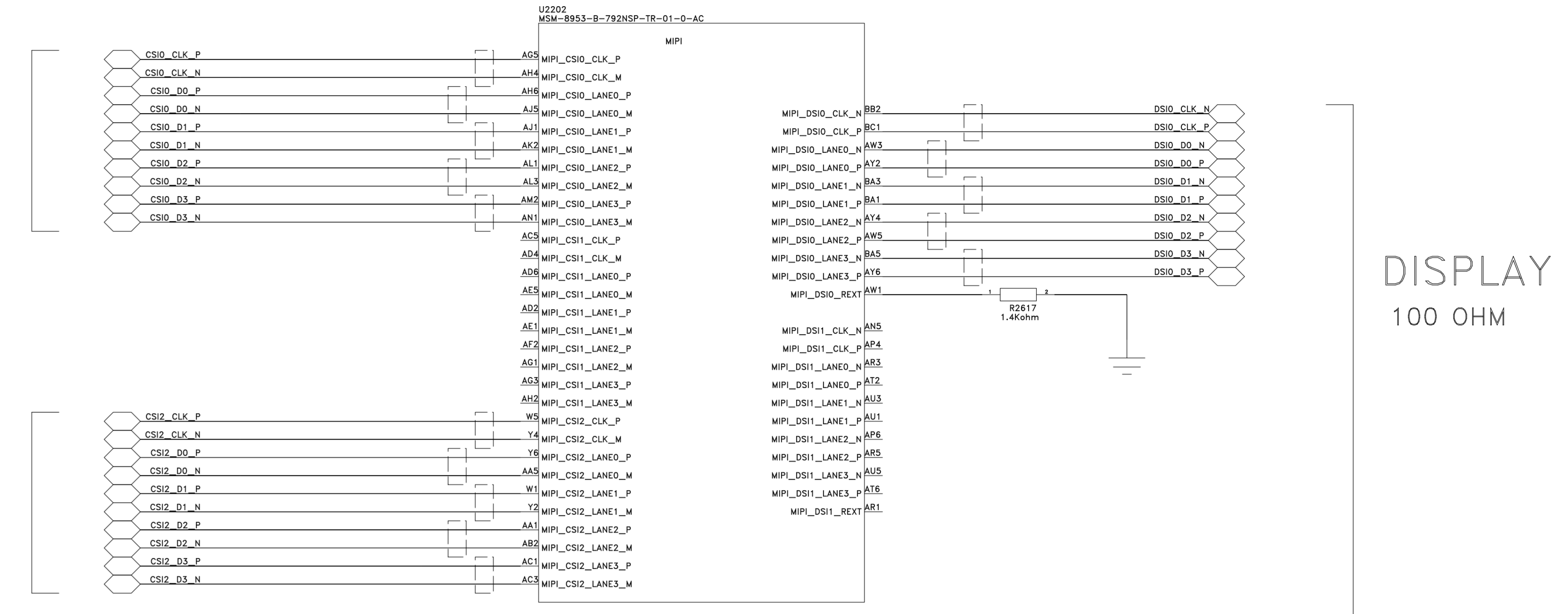
Populate R2612 if JTAG is DNP in the insecure board

Close to MSM

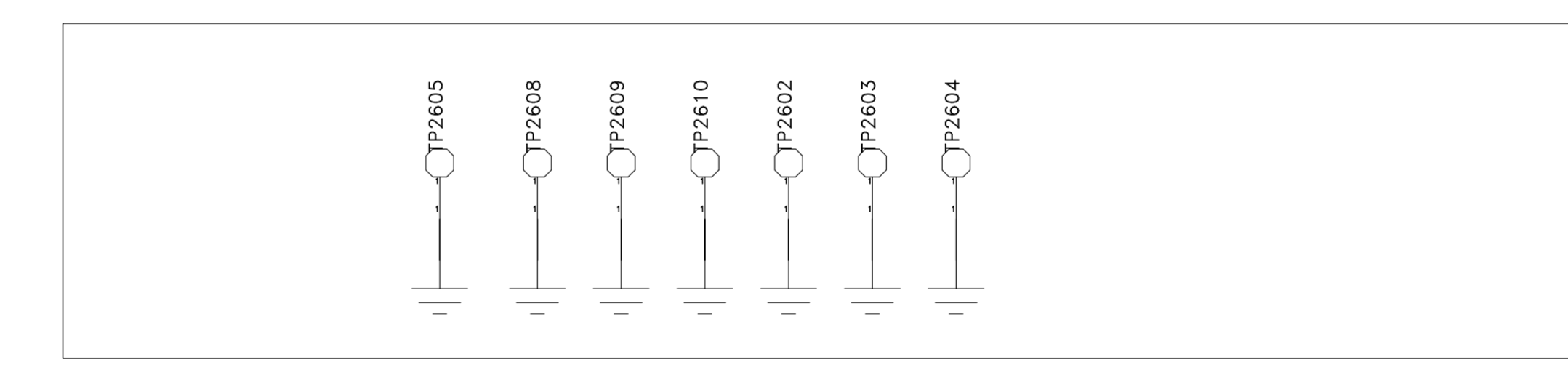
12MP CAMERA  
100 OHM

4/8MP CAMERA  
100 OHM

### MSM8953 MIPI

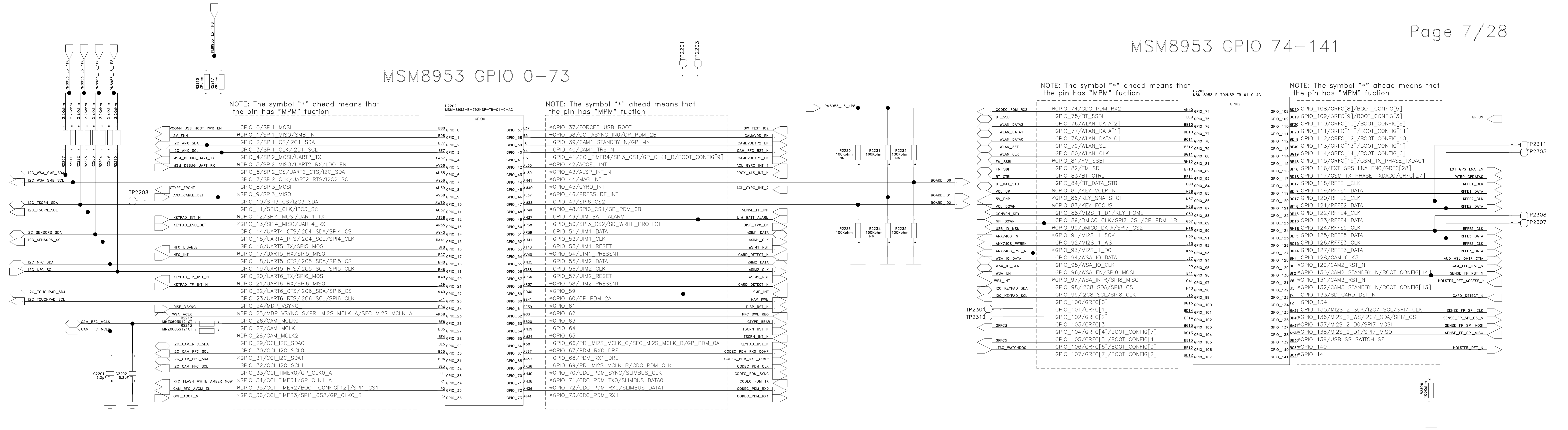


### THERM RECEIVED



MSM8953 GPIO 74-141

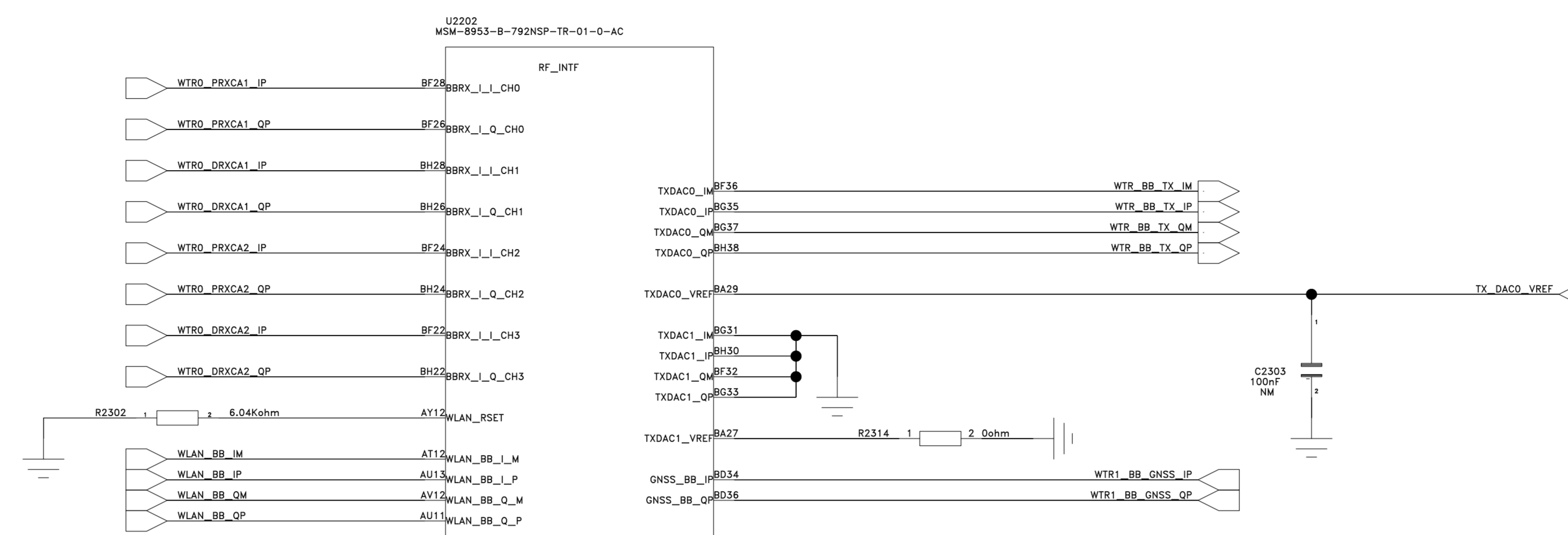
MSM8953 GPIO 0-73



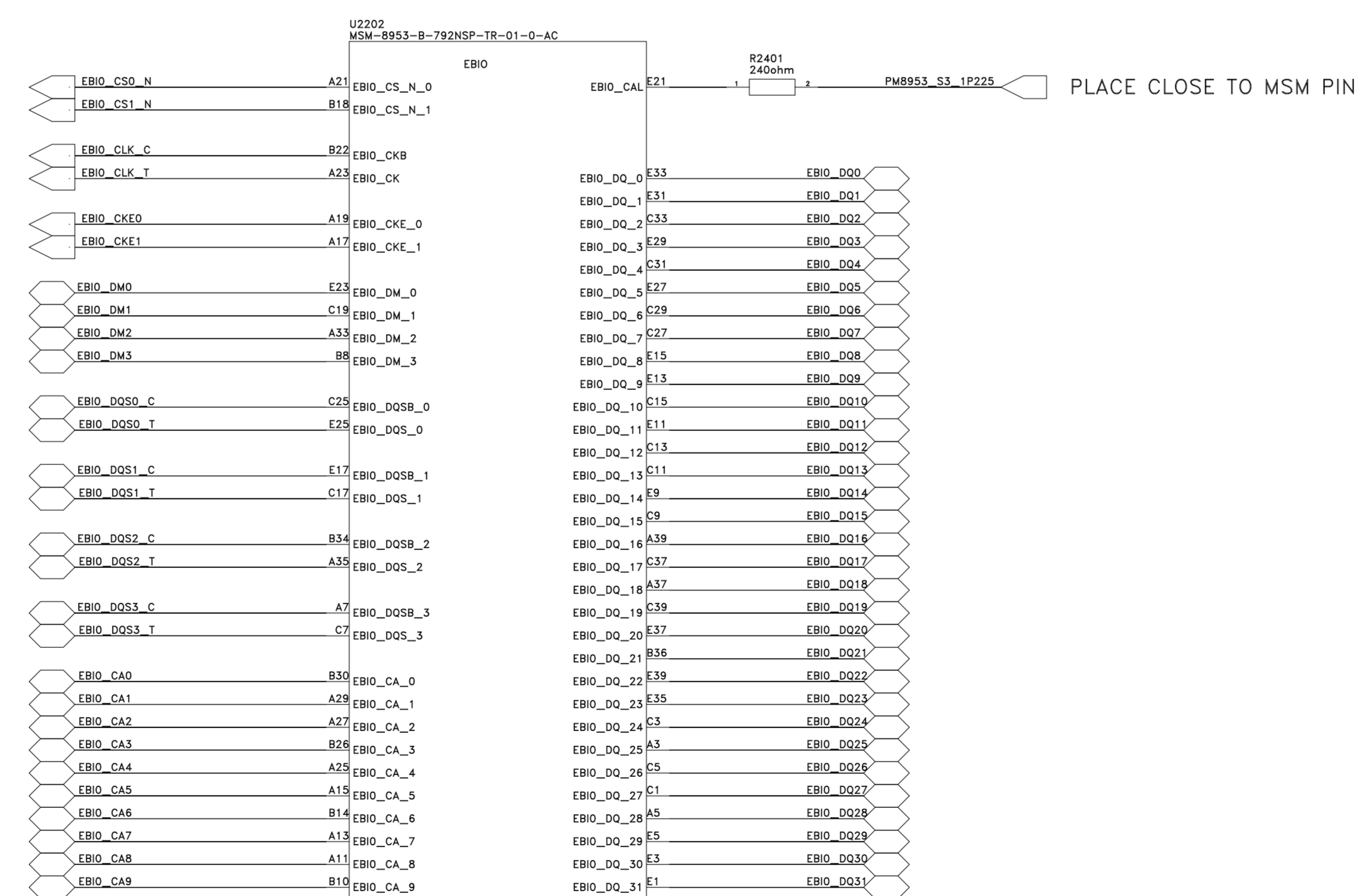


### MSM8953 RF\_INTF

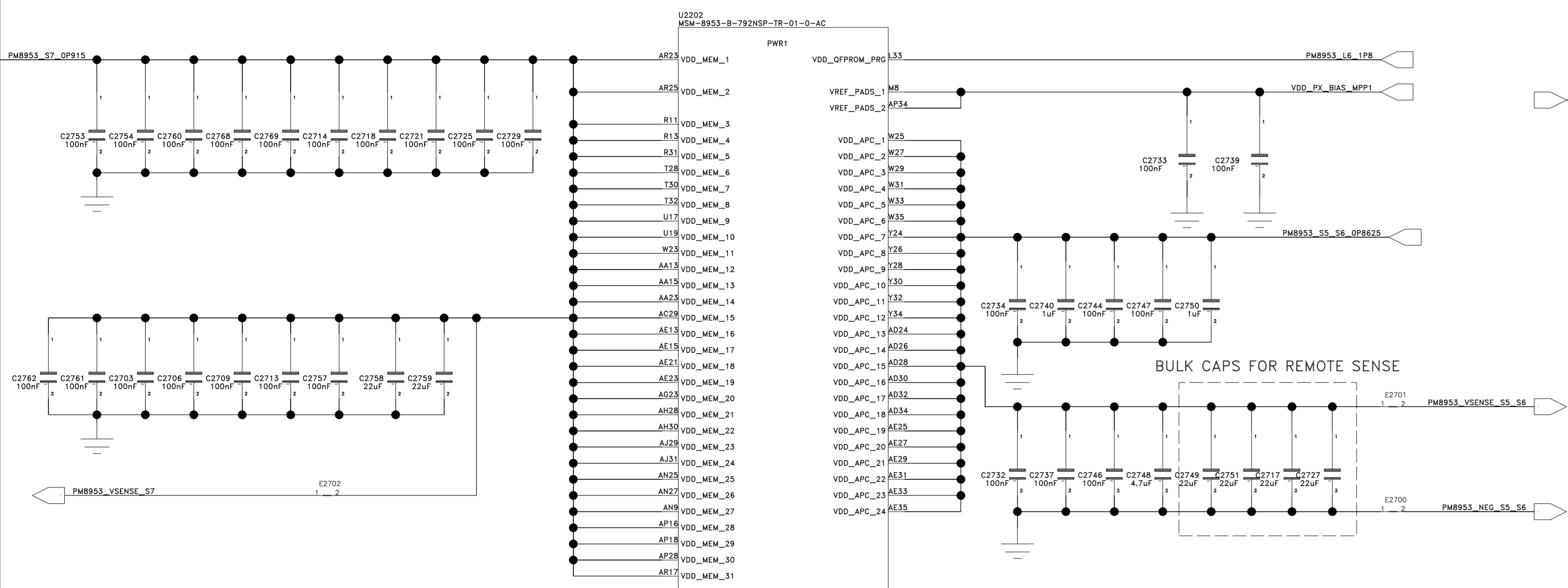
CAD NOTE: Place close to MSM pin



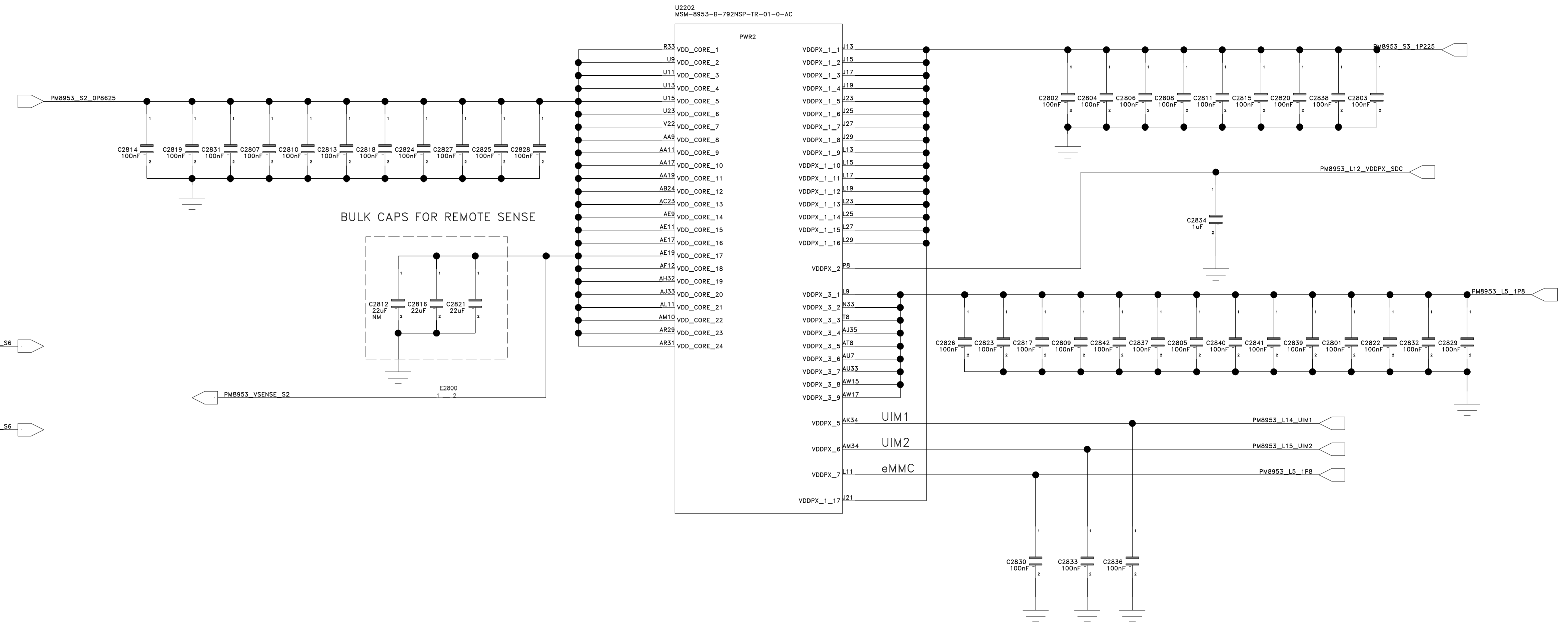
### MSM8953 DDR



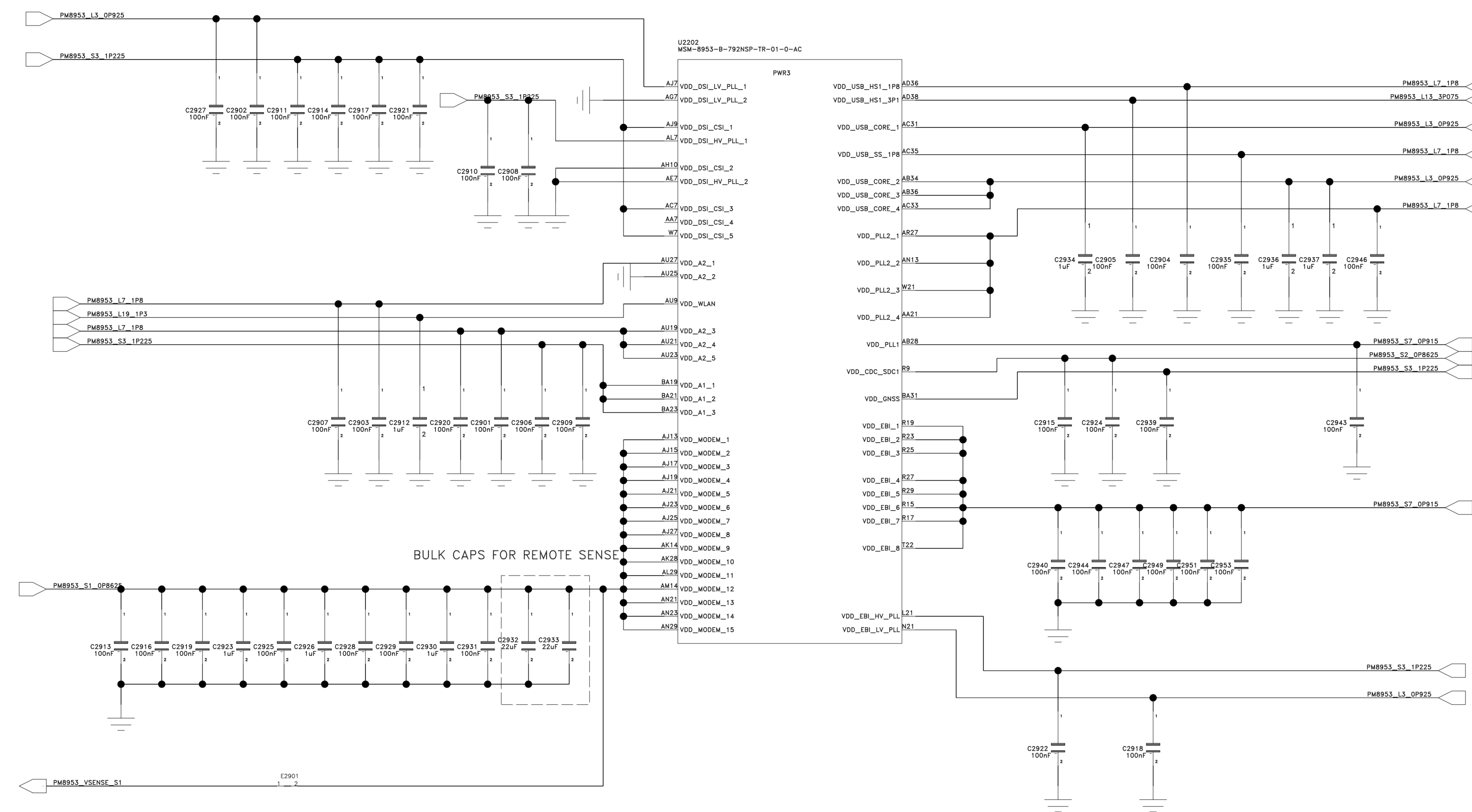
# MSM8953 PWR1



# MSM8953 PWR2

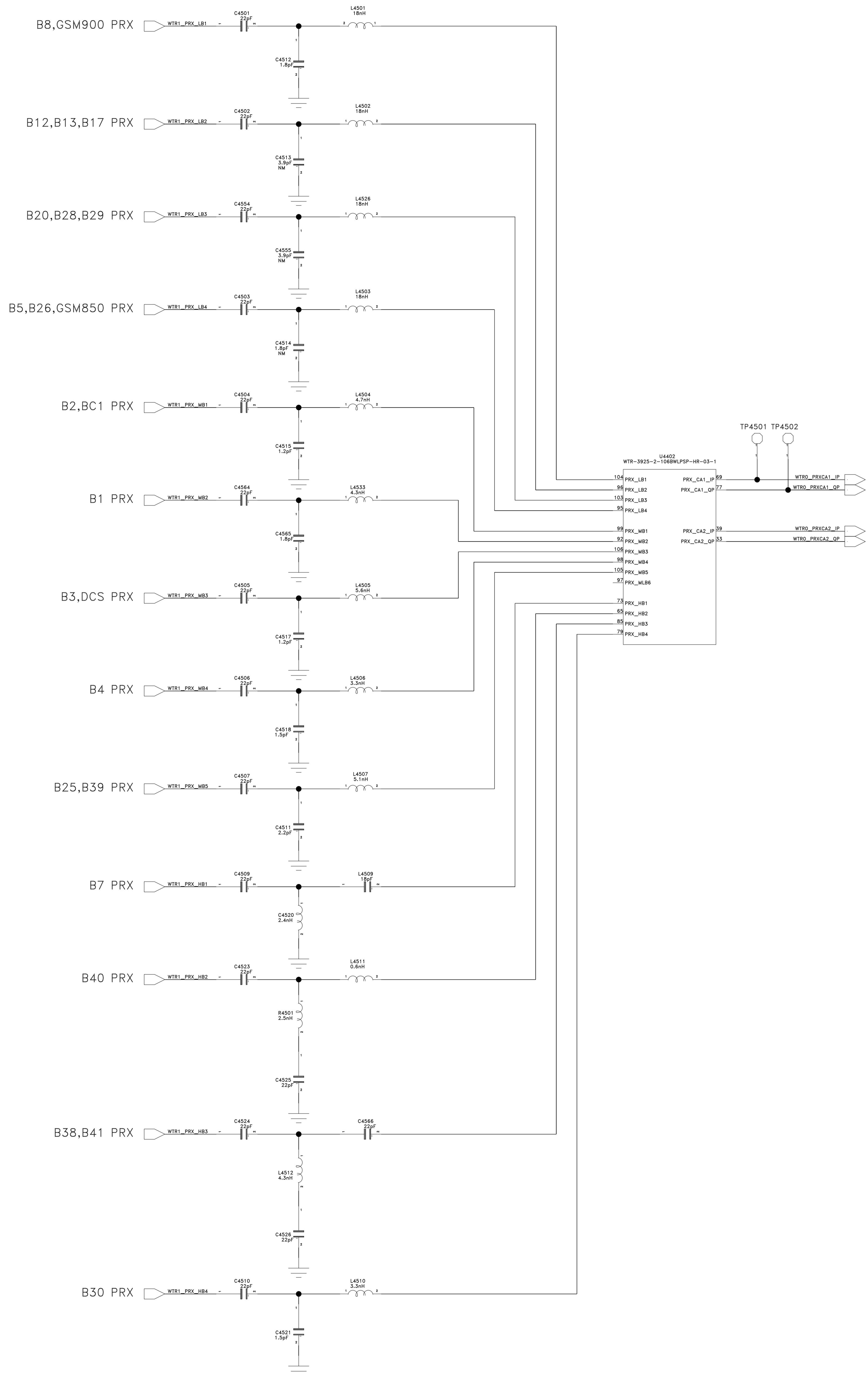


# MSM8953 PWR3





# WTR3925 PRX



# WTR3925 DRX

