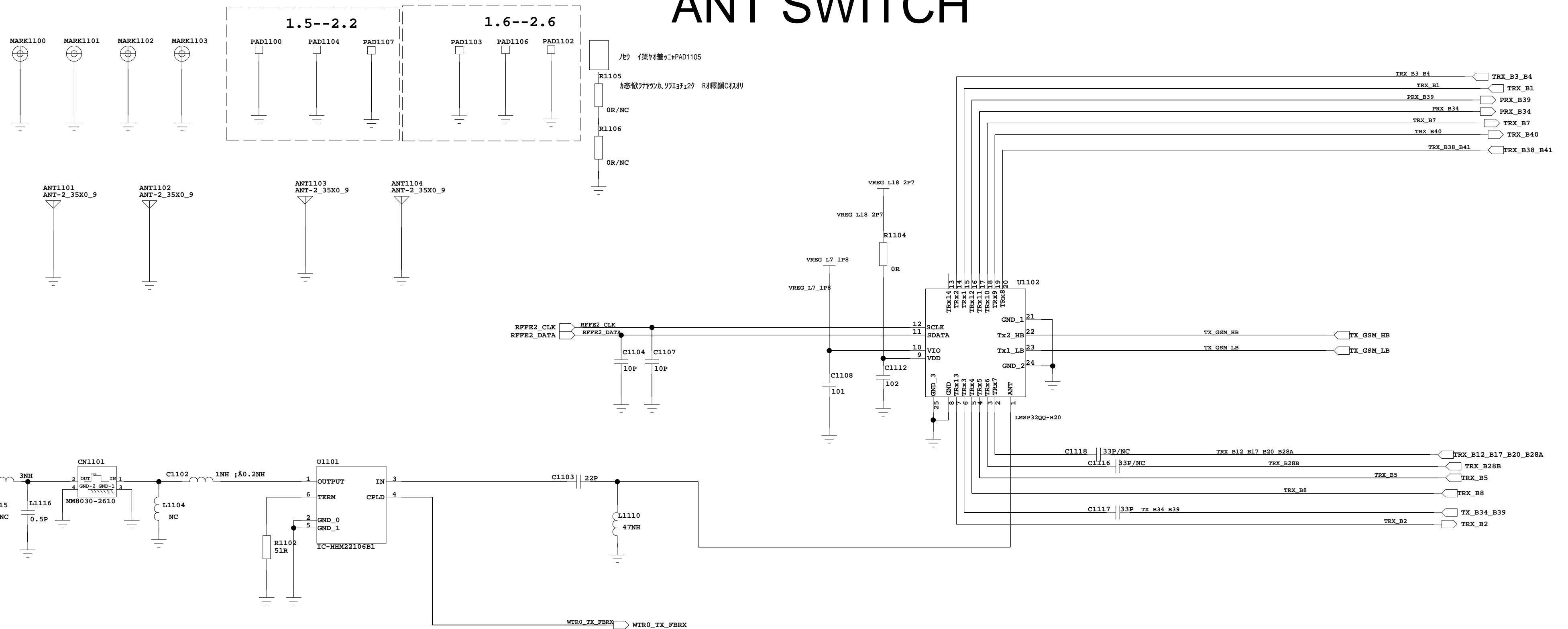
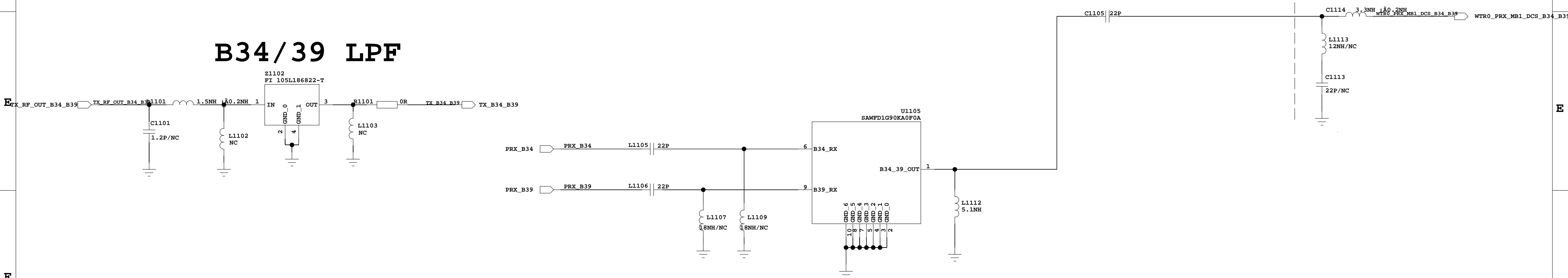



ANT SWITCH

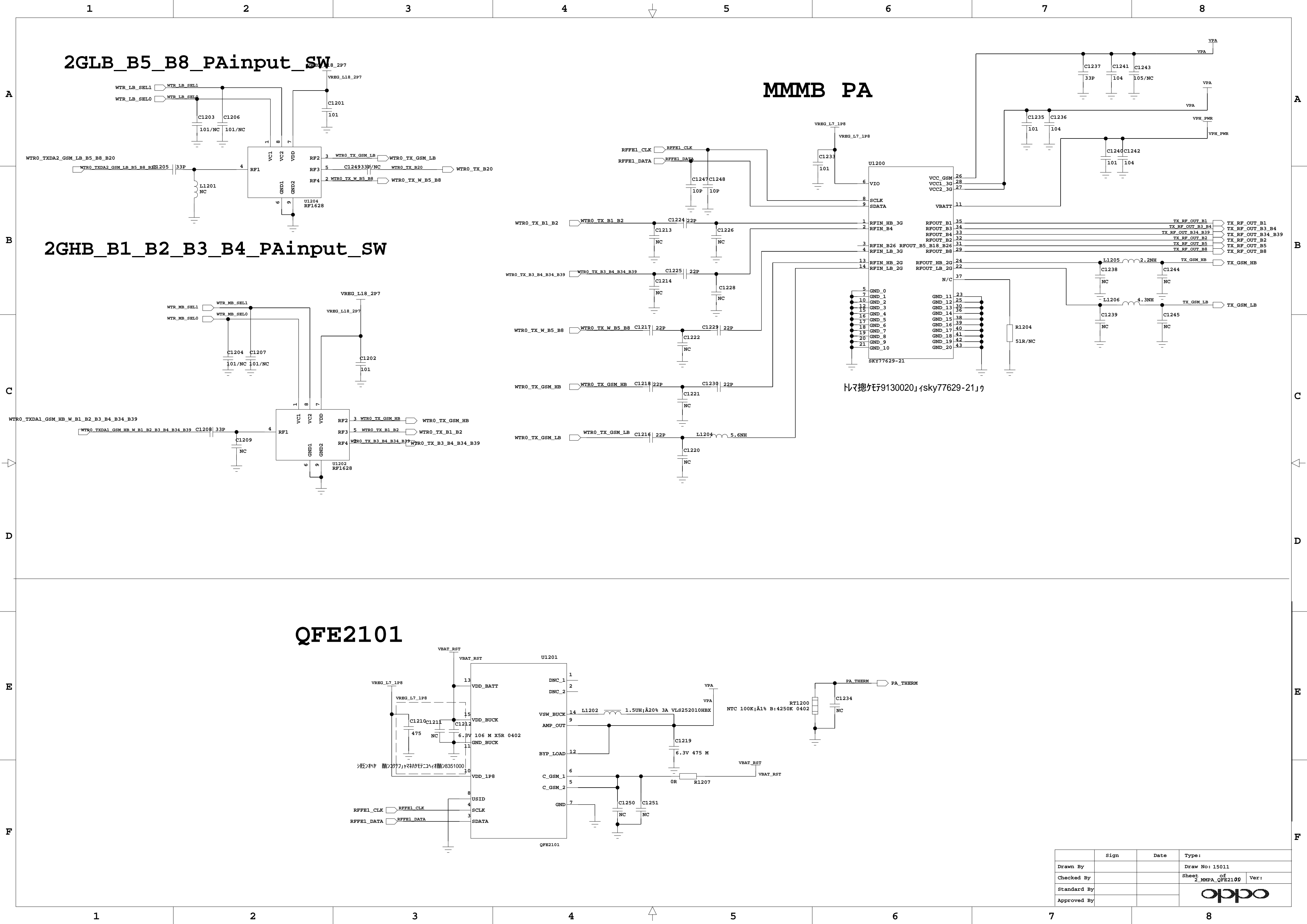


B34/39 LPF

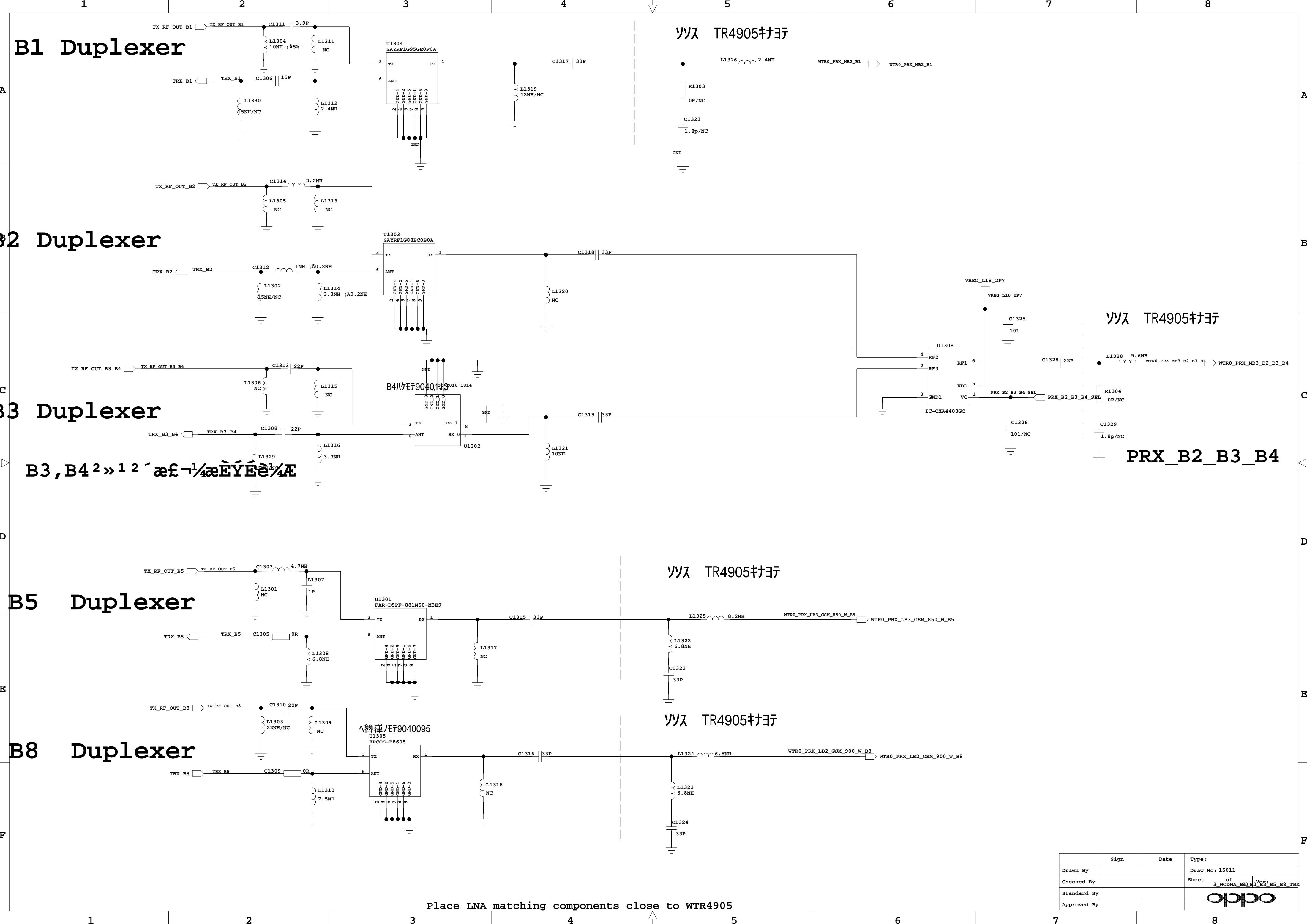


B34/39 RX SAW

	Sign	Date	Type:	
Drawn By			Draw No: 15011	
Checked By			Sheet 1 of 30	Ver:
Standard By				
Approved By				



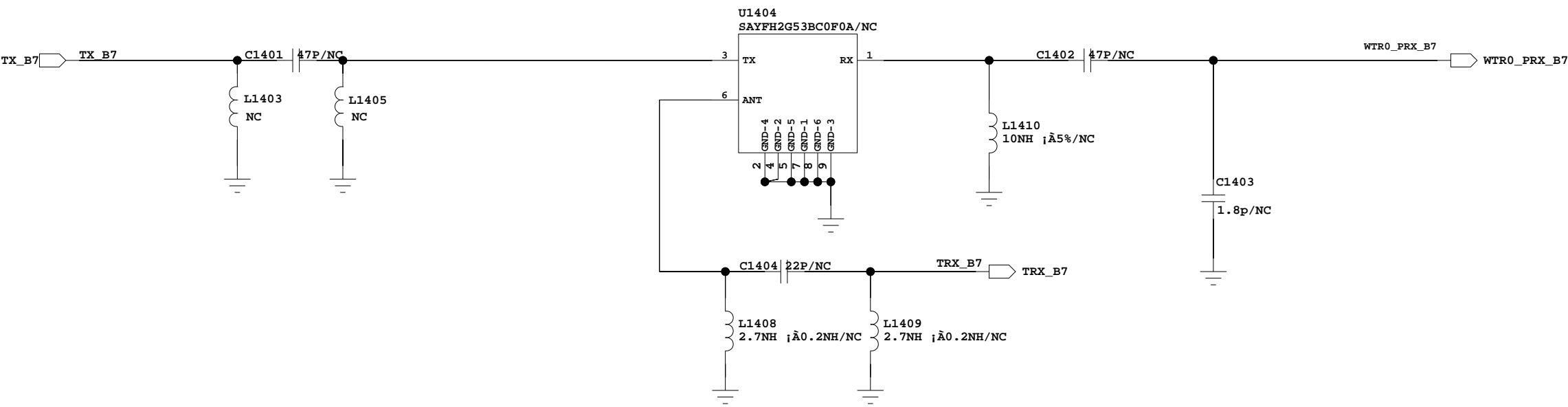
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Drawn By			Draw No: 15011
Checked By			Sheet 2 of 2
Standard By			MMPA_QFE2101
Approved By			Ver:
oppo			



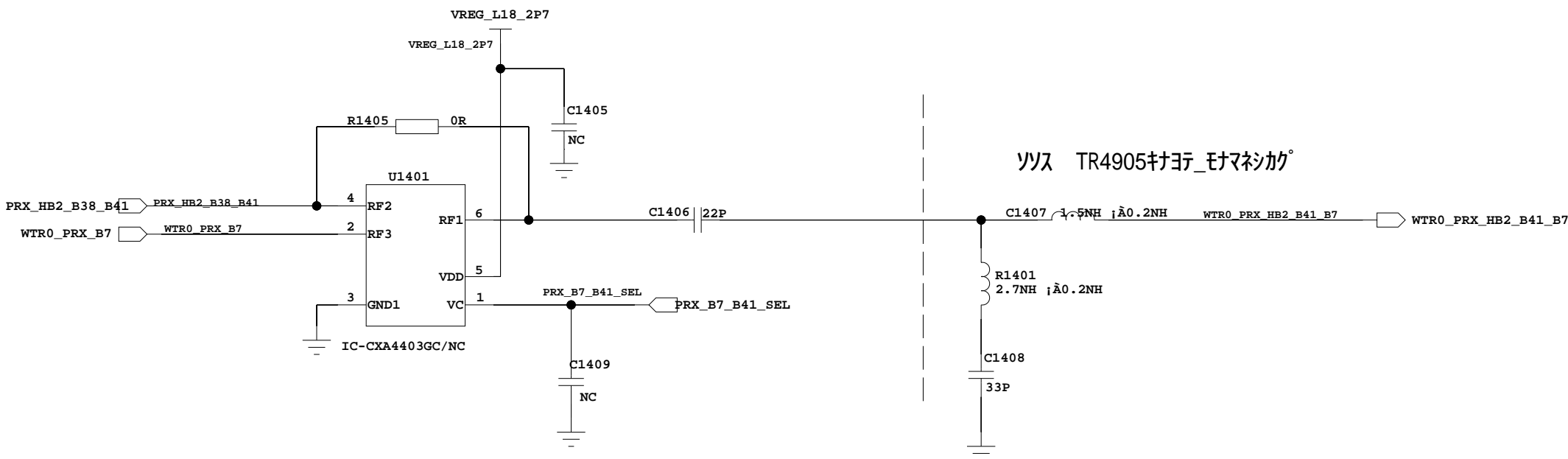
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Drawn By			Draw No: 15011
Checked By			Sheet 3 of 3
Standard By			WCDMA_B0_B2_B3_B5_B8_TRX
Approved By			



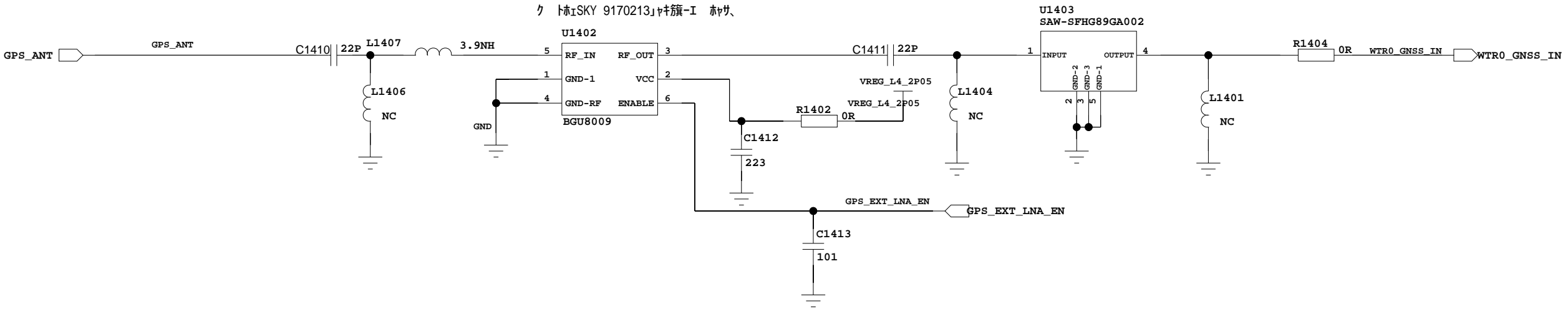
B7 TRX



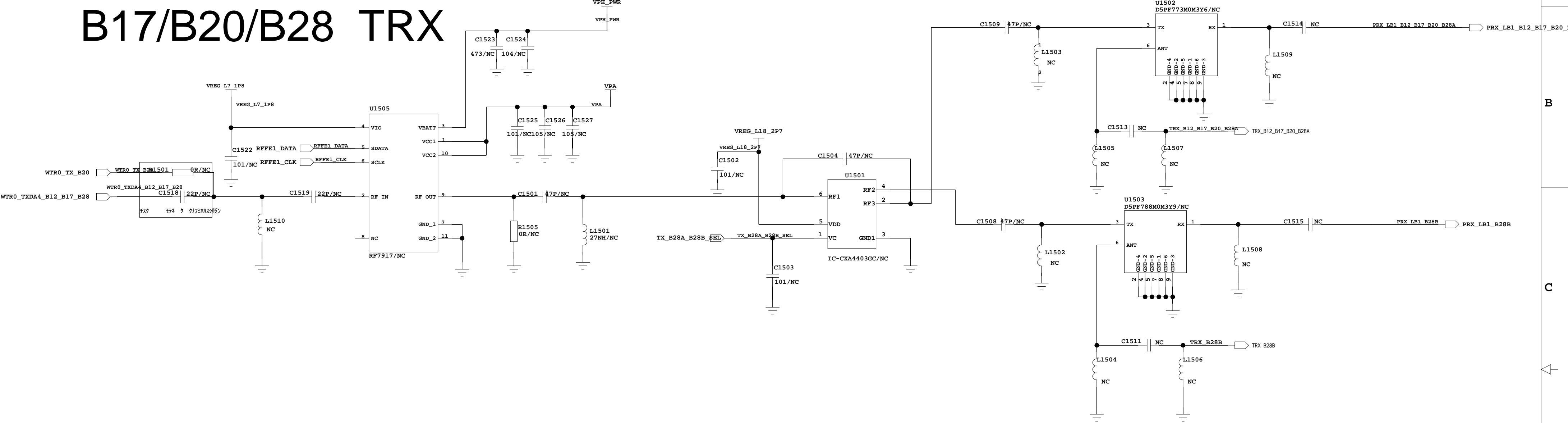
PRX B7 & B41 Switch



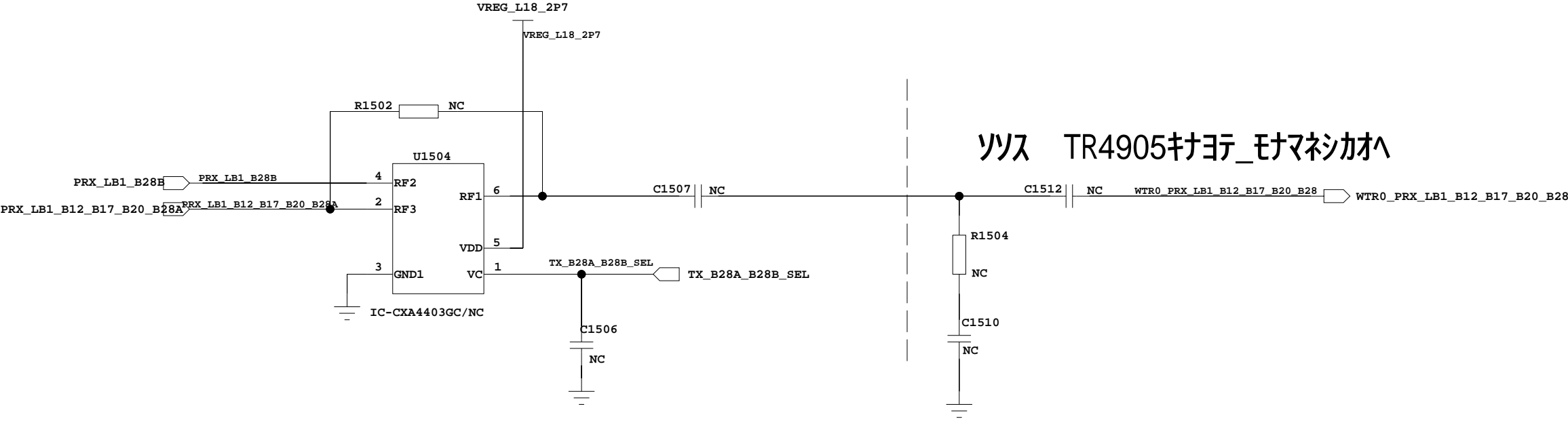
GPS 0323-2023 By Hanyun



B17/B20/B28 TRX



B28A and B28B PRX SW



リッス TR4905村ヲモマセカハ

	Sign	Date	Type:
Drawn By			Draw No: 15011
Checked By			Sheet 5 of 5 5_L7E_B28A20/19r
Standard By			oppo
Approved By			

1

34

5

678

A

B

C

D

E

F

A

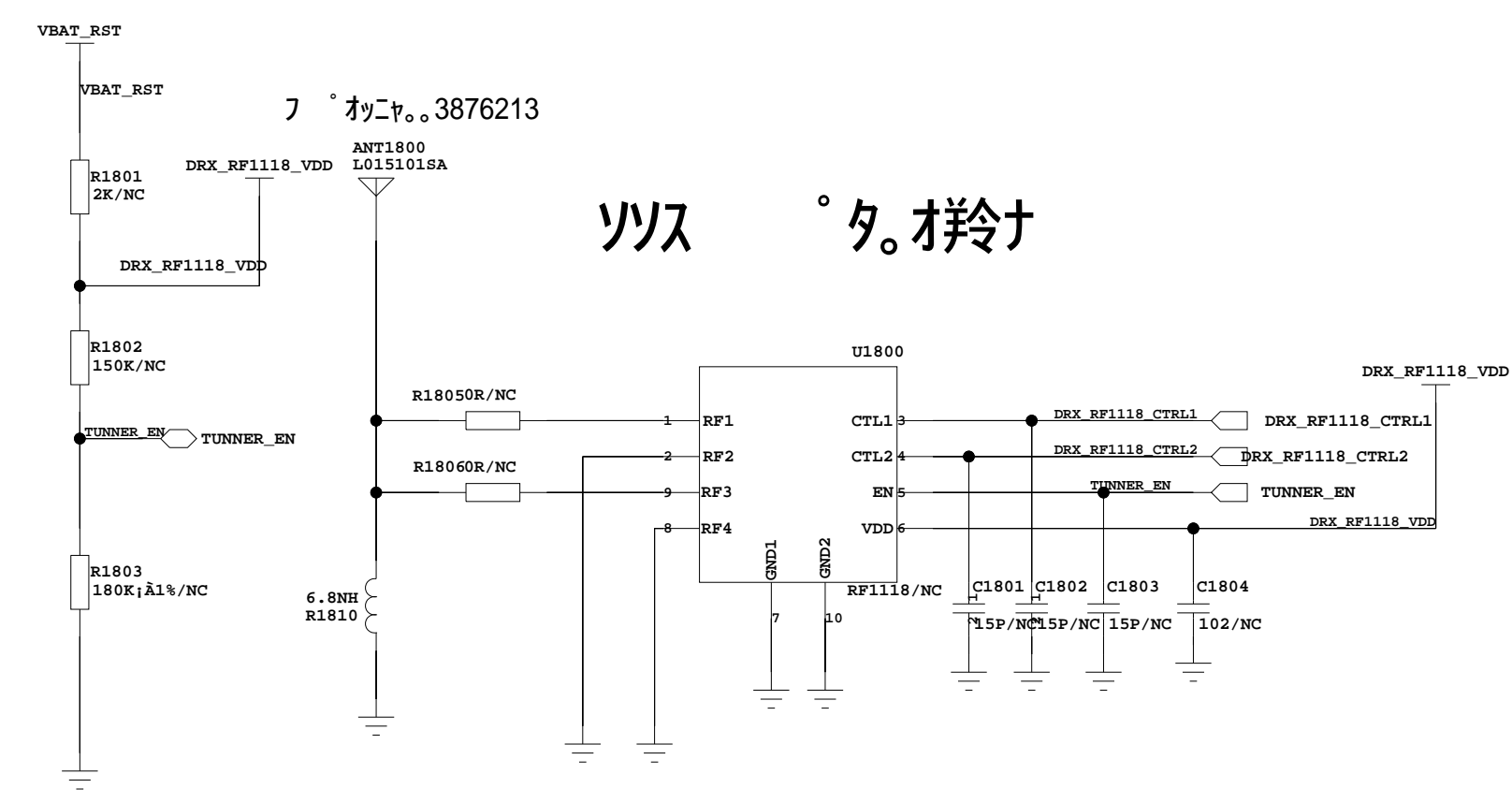
B

C

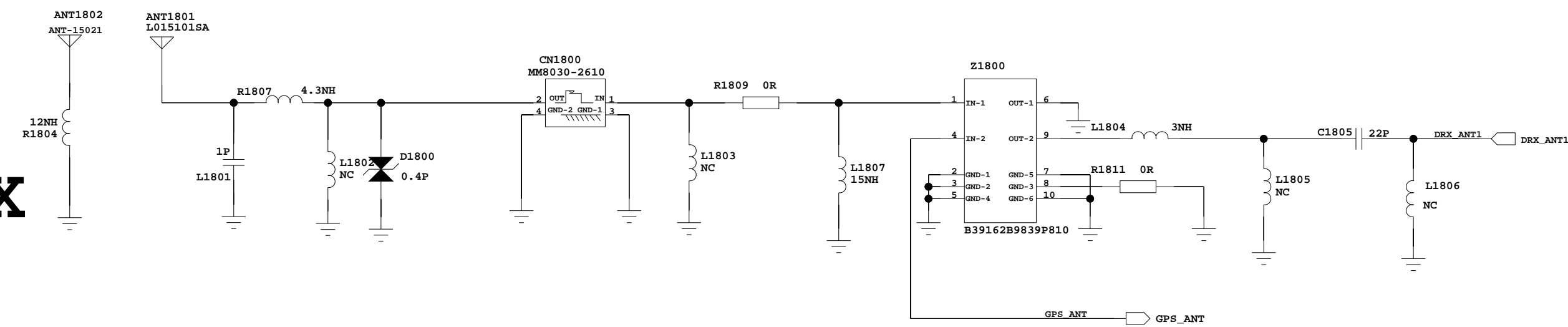
D

E

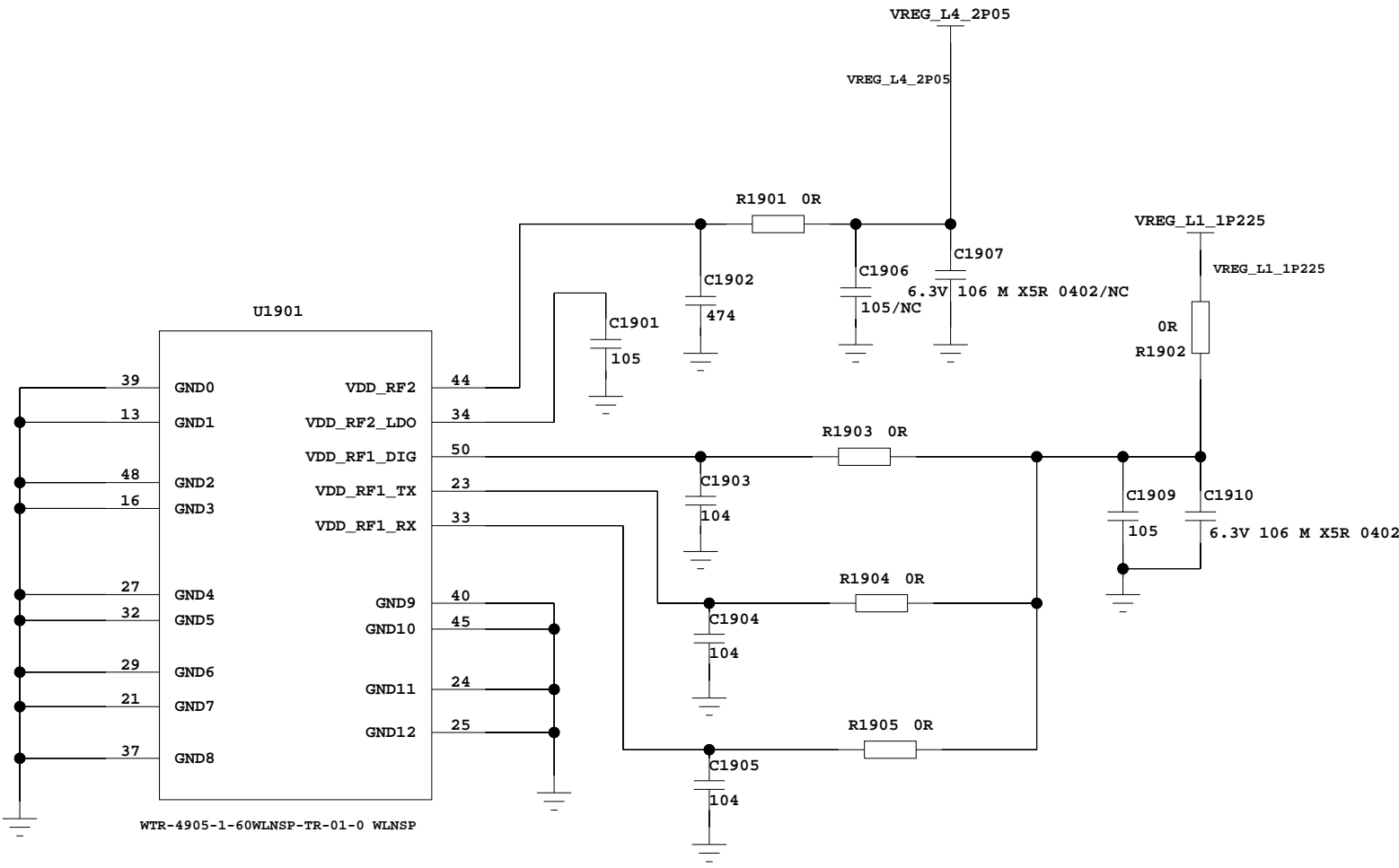
F



LTE DRX

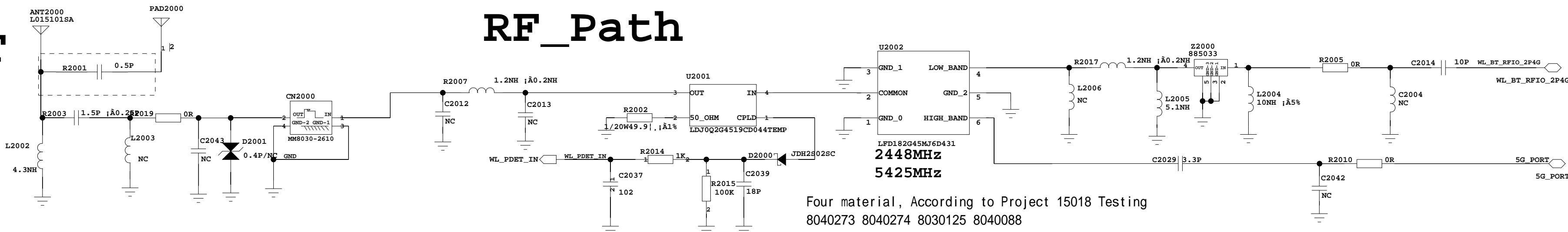


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Drawn By			Draw No: 15011
Checked By			Sheet of 30 Ver:
Standard By			oppo
Approved By			



WIFI+BT

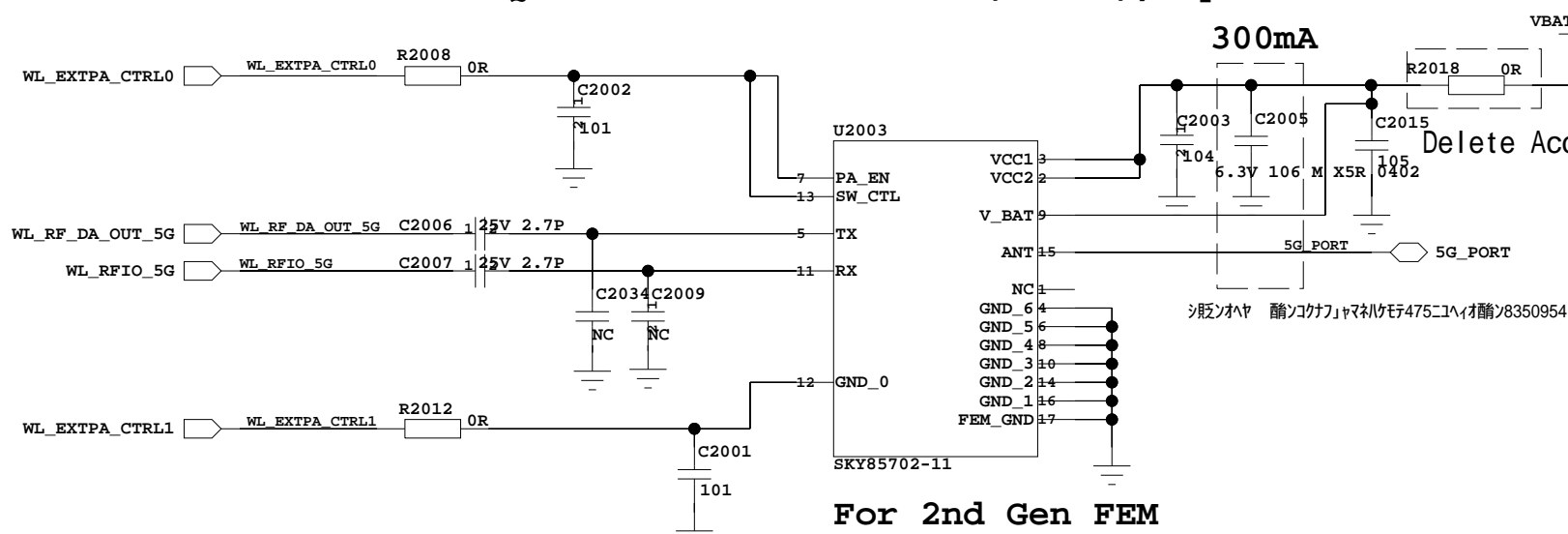
RF_Path



Four material, According to Project 15018 Testing
8040273 8040274 8030125 8040088

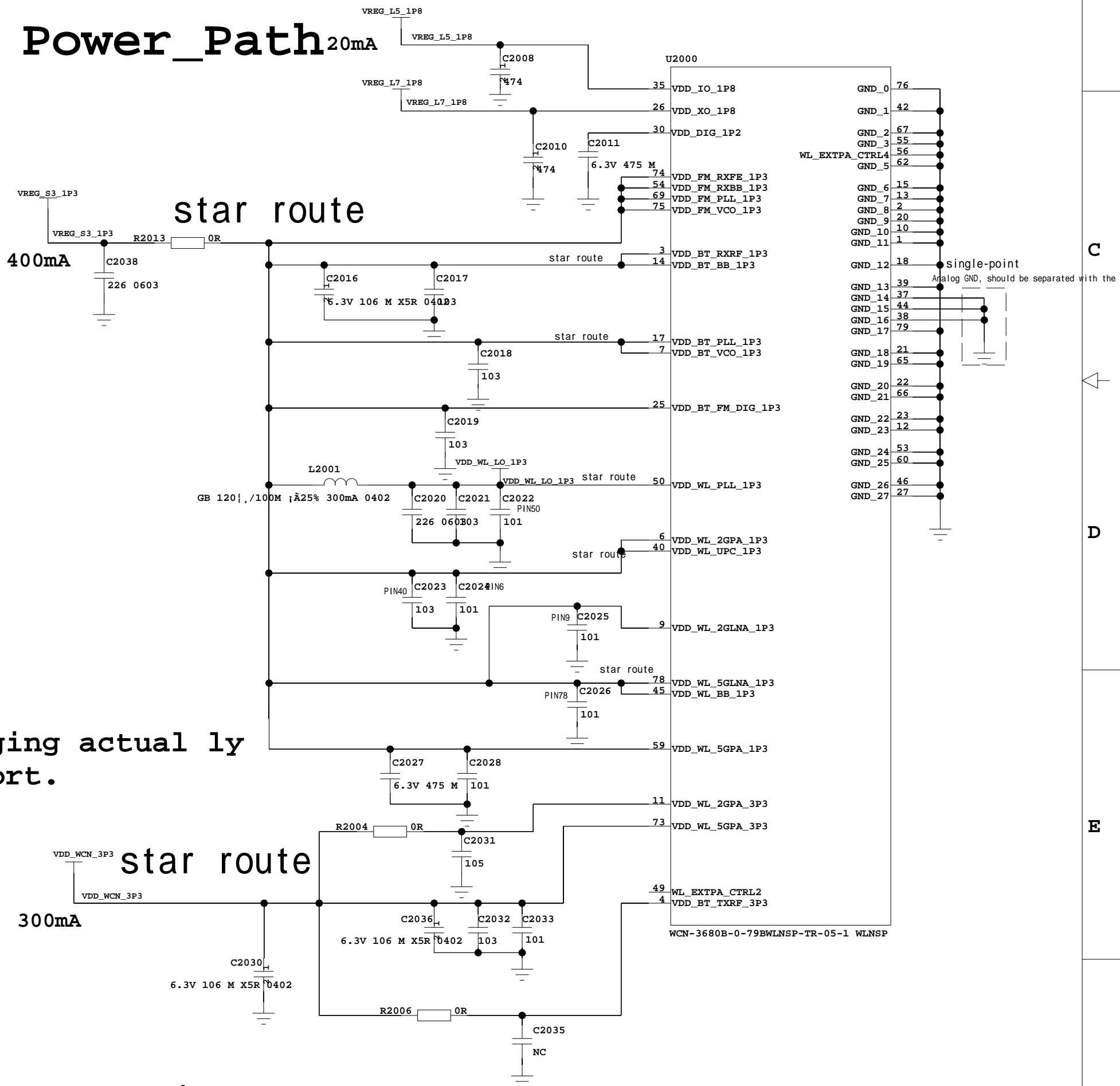
Qualcomm recommend 475(C2015),Pay attention while debugging

FEM

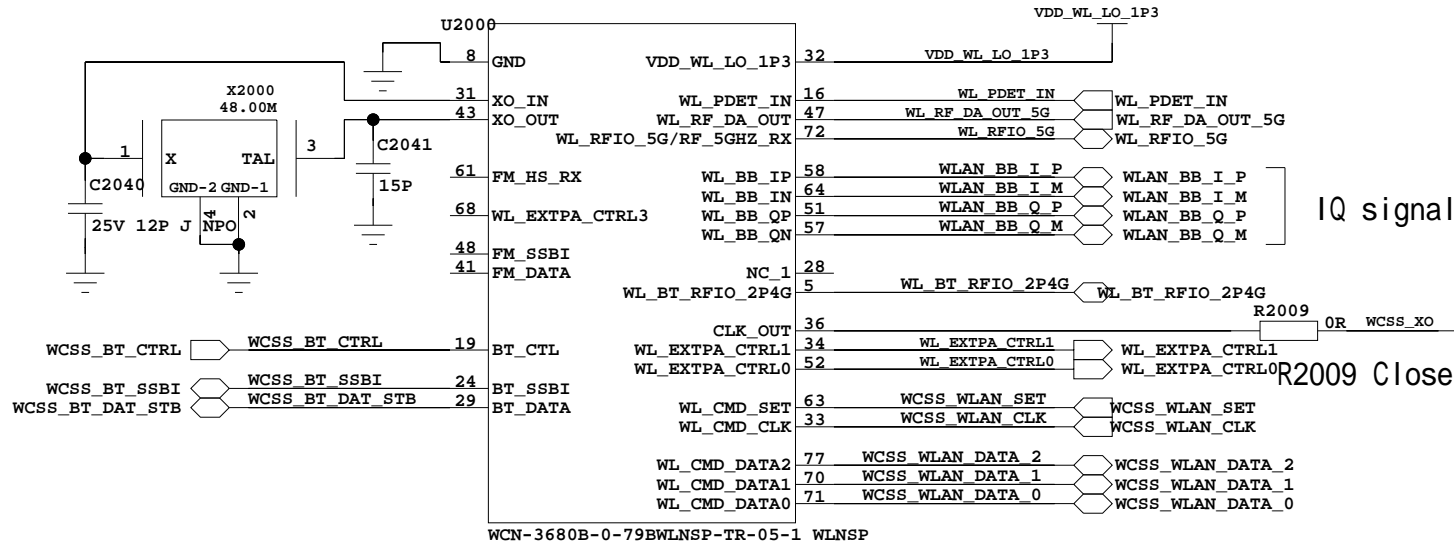


WCN3660B, and WCN3680B are P2P, and IC ident

Power_Path



WIFI_HOST_PORT/TCXO



Two filter capacitors placed on the sides of 48 MHZ crystal
C2041 should be bigger than C2040 to make sure TCXO ramp up

need debugging actual ly
time is short.

Power_Path_Width***

Power Trace name	Trace width
VREG_L19_2P9 (3.3 V)	0.3 mm
VREG_L11_1P25 (1.3 V)	0.4 mm
VBATT to 5G PA	0.3 mm
VDD_WL_2GPA_2P9	0.25 mm
VDD_WL_5GPA_1P3	0.2 mm
VDD_WL_2GPA_1P3	0.2 mm
VDD_BT_TXRF_2P9	0.15 mm

MSM8939 carry WCN3680B or WCN3660B

FM power rails must remain connected,but
decoupling caps may be removed.

L2001: Qualcomm use BLM03AX241SN1B

240Ohm@100MHz 0.35A DCR<0.38Ohm

For "B" version devices do not connect pin 49 to the 3.3V rail

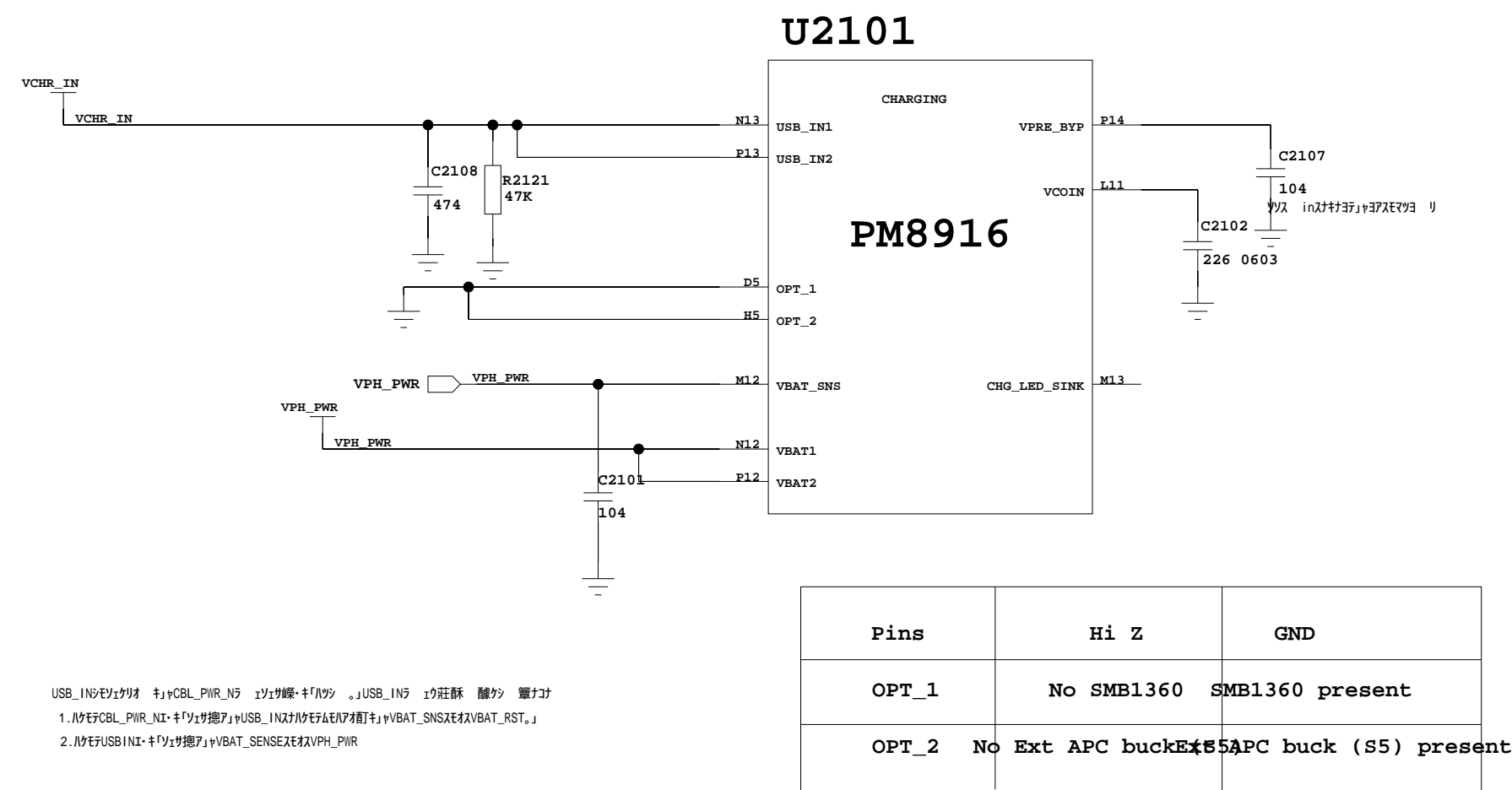
Refer: 80-WL005-43 WCN3660-A-B, WCN3680-B REFERENCE SCHEMATIC

All power 0|, should be placed close to the Star nodes

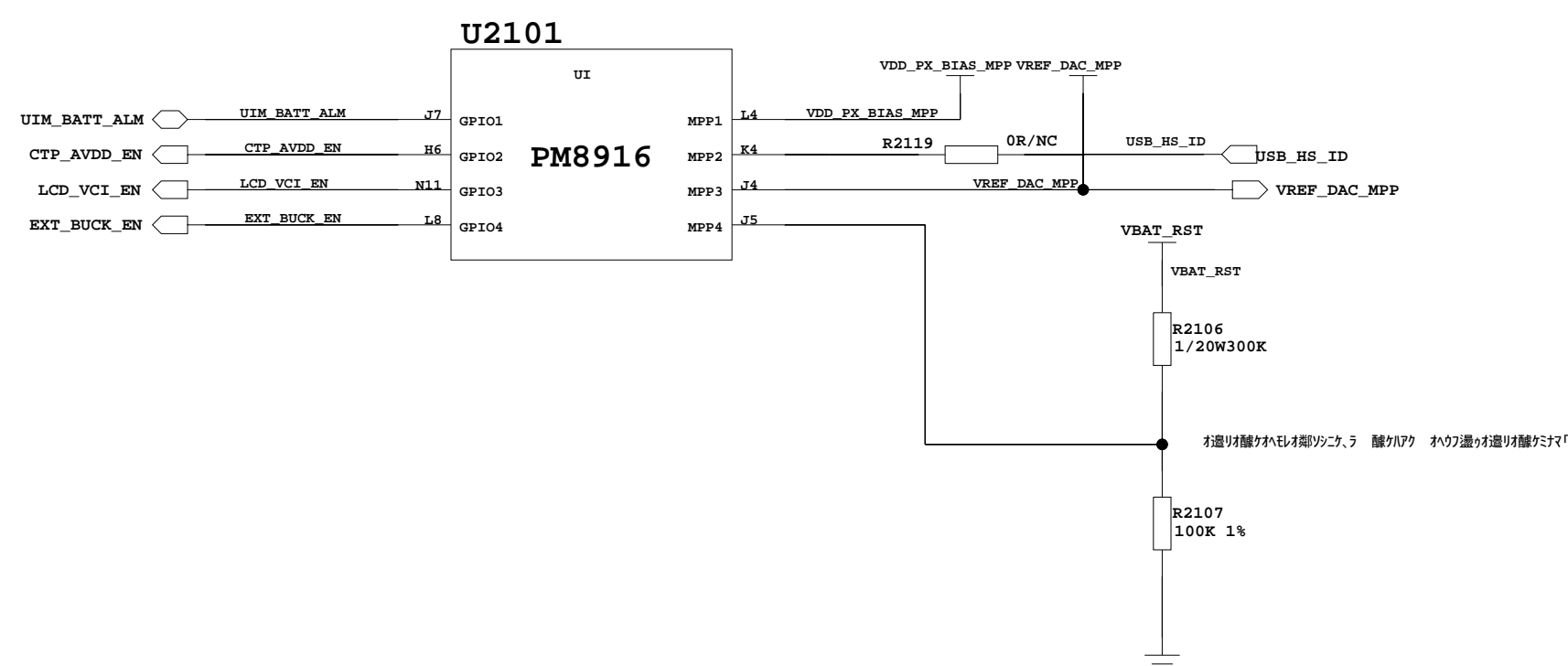
If 2.4 GHz WLAN spurs are observed around 2.6 to 2.7 GHz,
replace R2006 with 20 nH inductor.

	Sign	Date	Type:
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Standard By			oppo
Approved By			

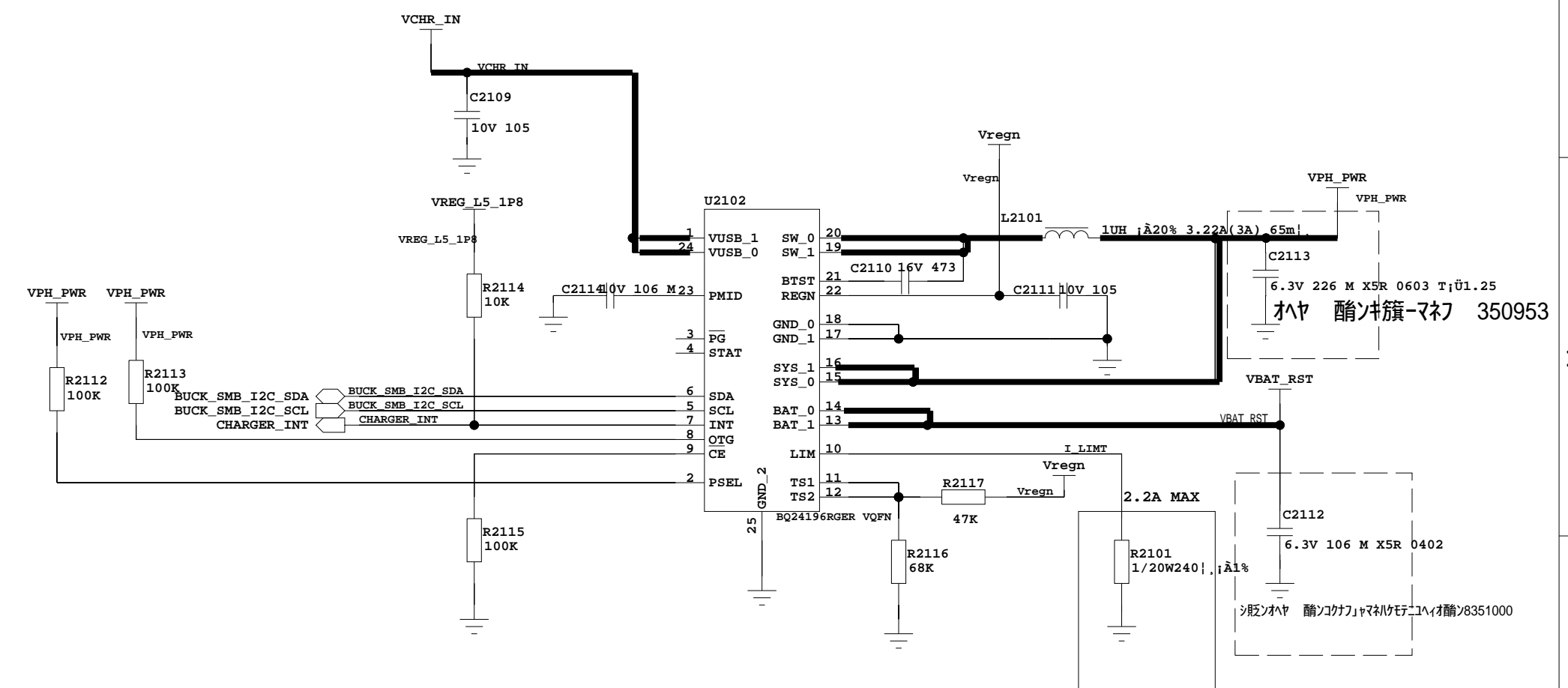
PM8916 CHARGING



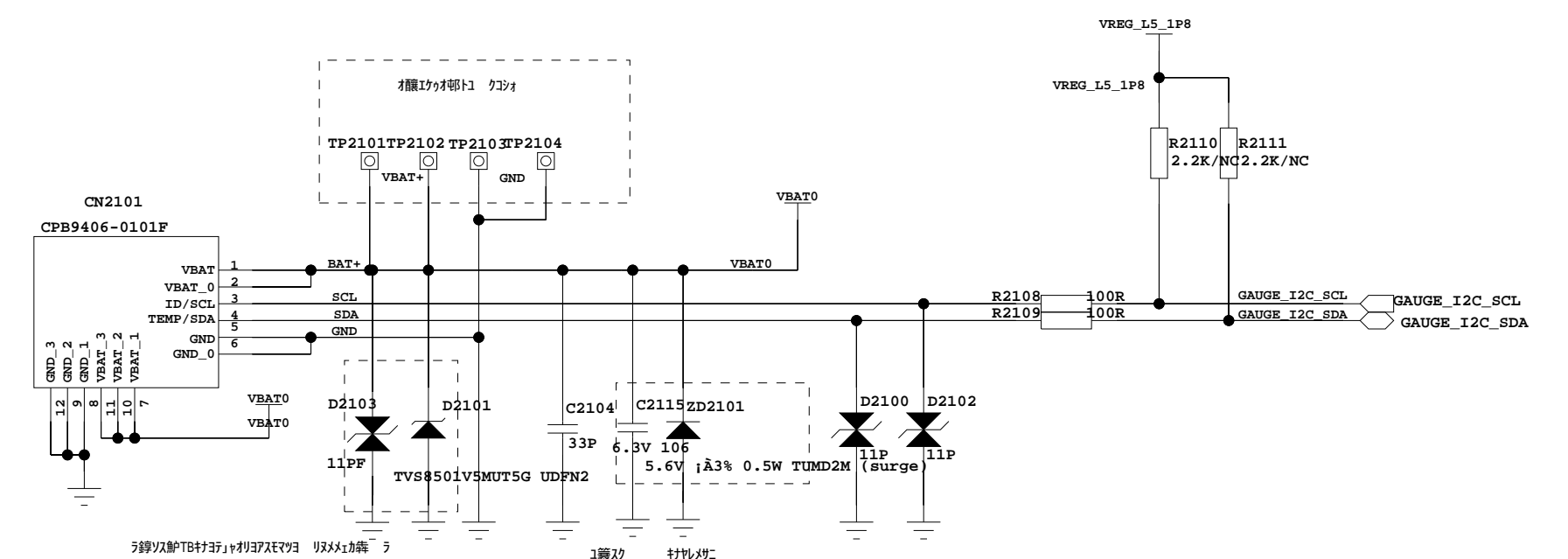
GPIO&MPP




Circuit of Ext. Charge

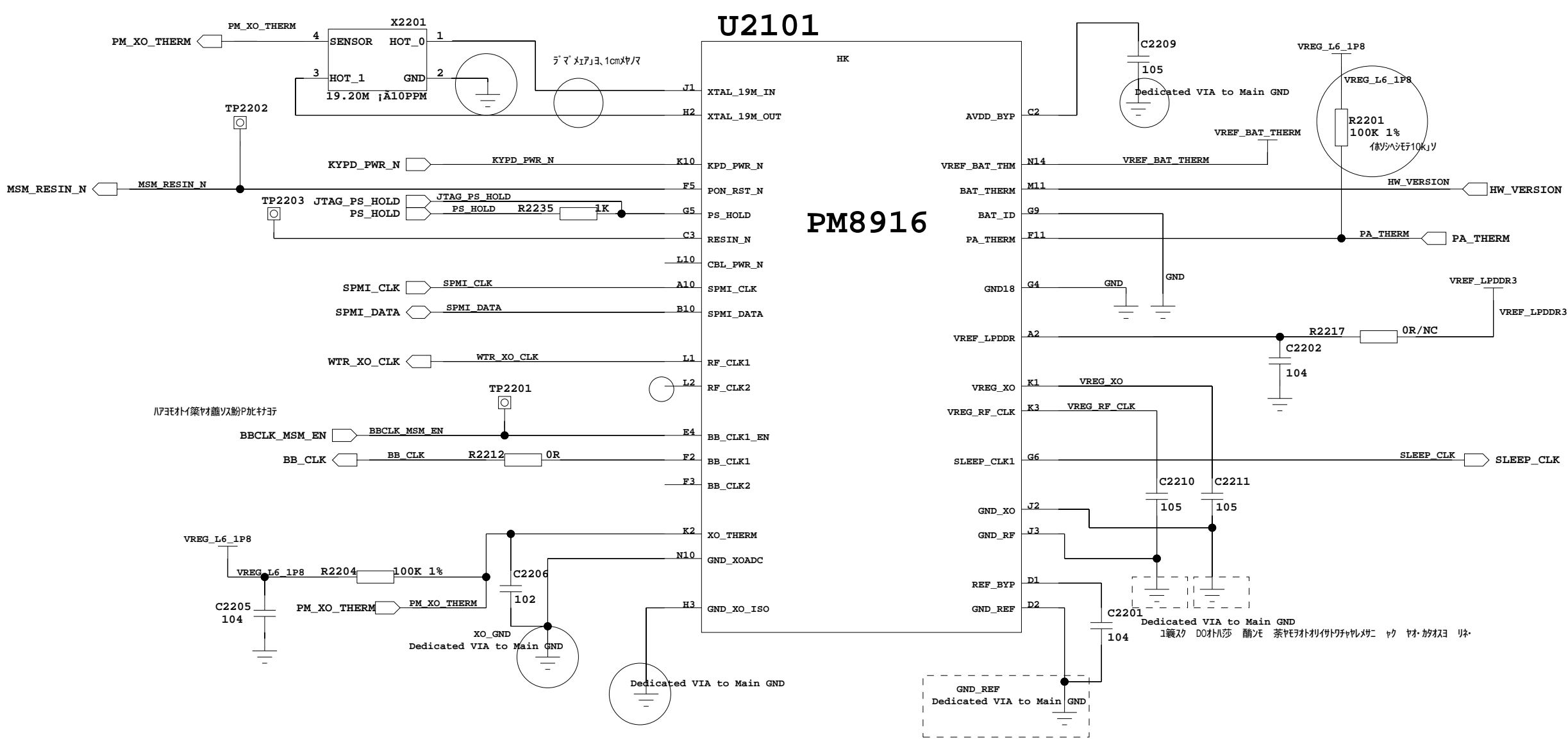


Battery Connector

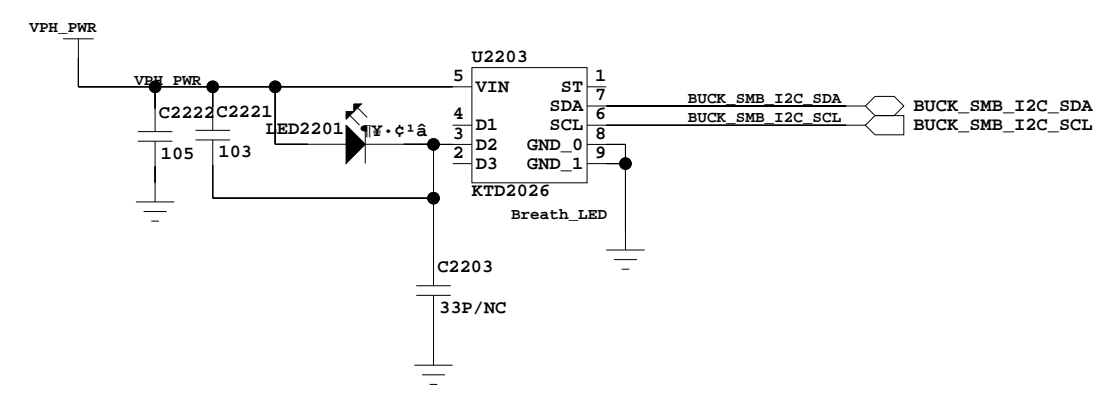


	Sign	Date	Type:		
Drawn By			Draw No: 15011		
Checked By			Sheet	of 30	Ver:
Standard By					
Approved By					

CLK_CTRL

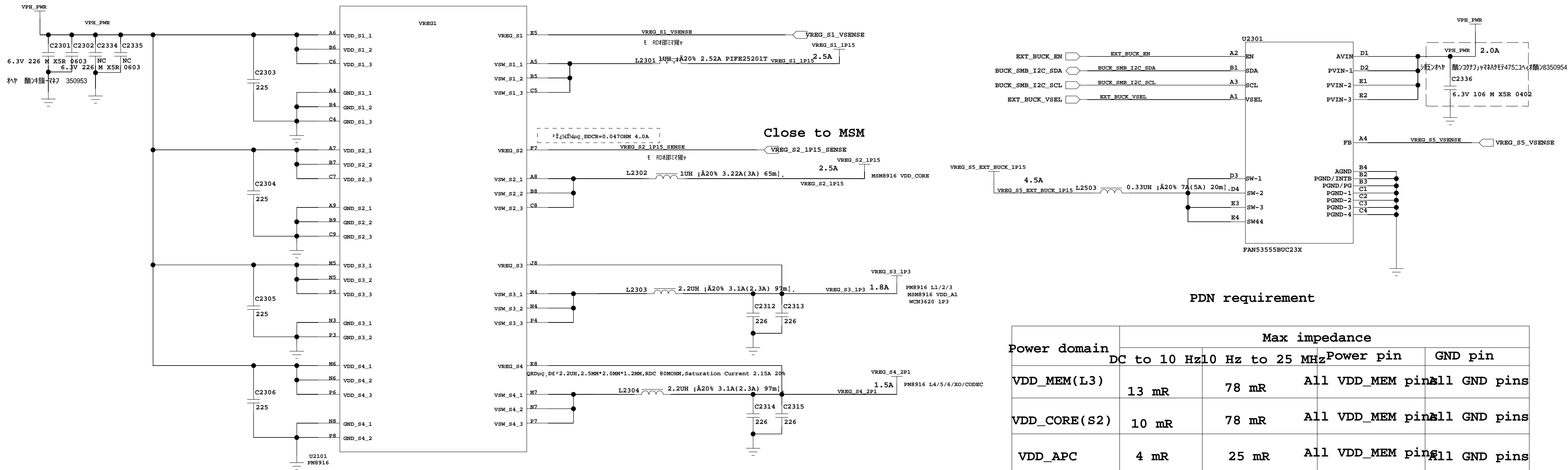


RGB LED DRIVER

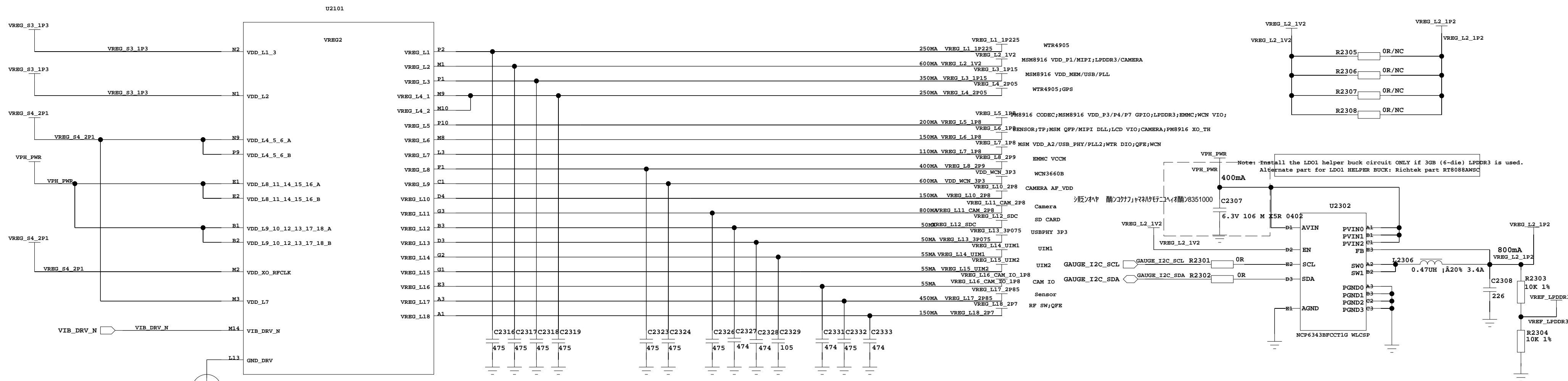


	Sign	Date	Type:
Drawn By			Draw No: 15011
Checked By			Sheet of 30 Ver:
Standard By			oppo
Approved By			

SMPS



LDOs



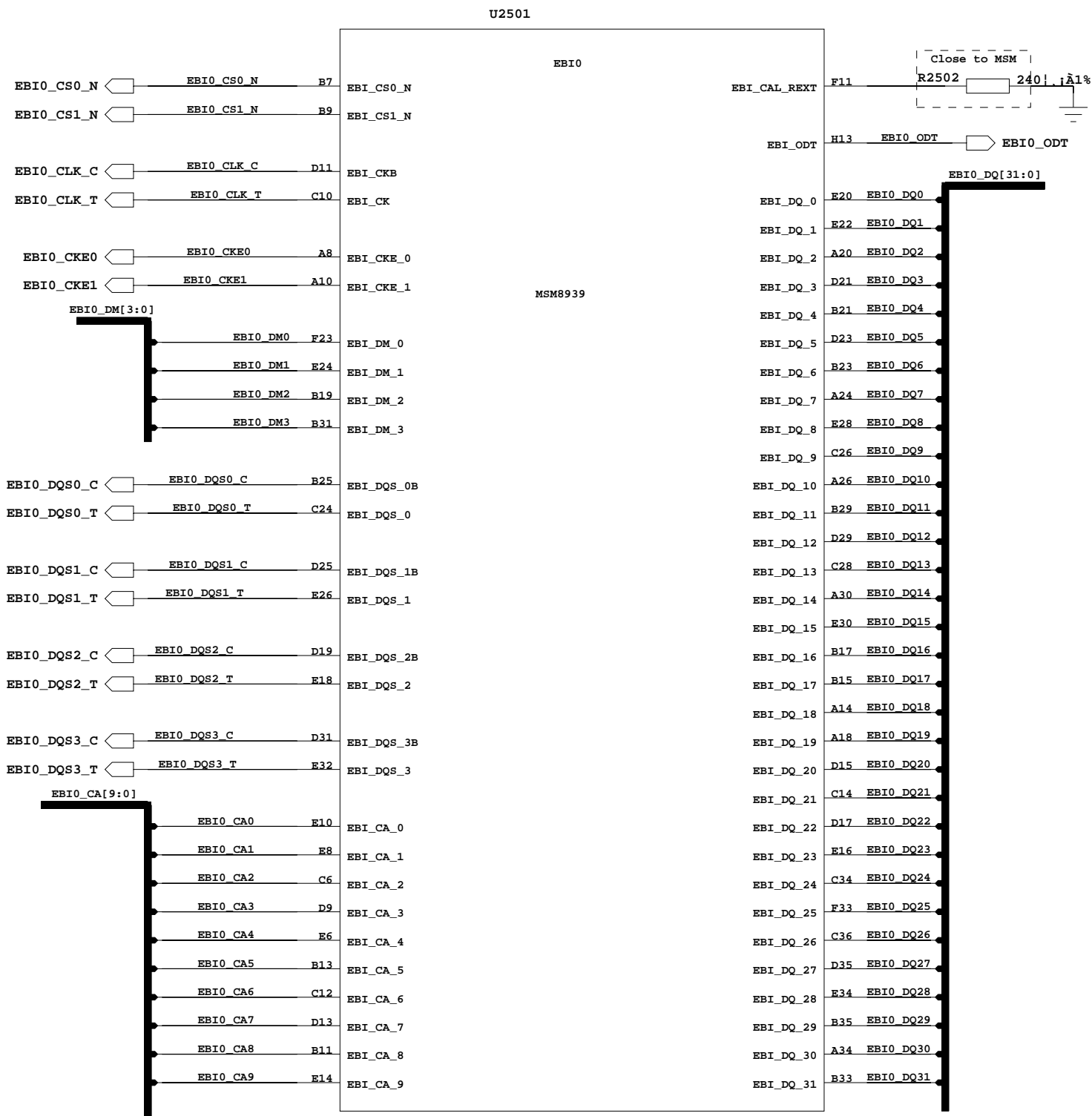
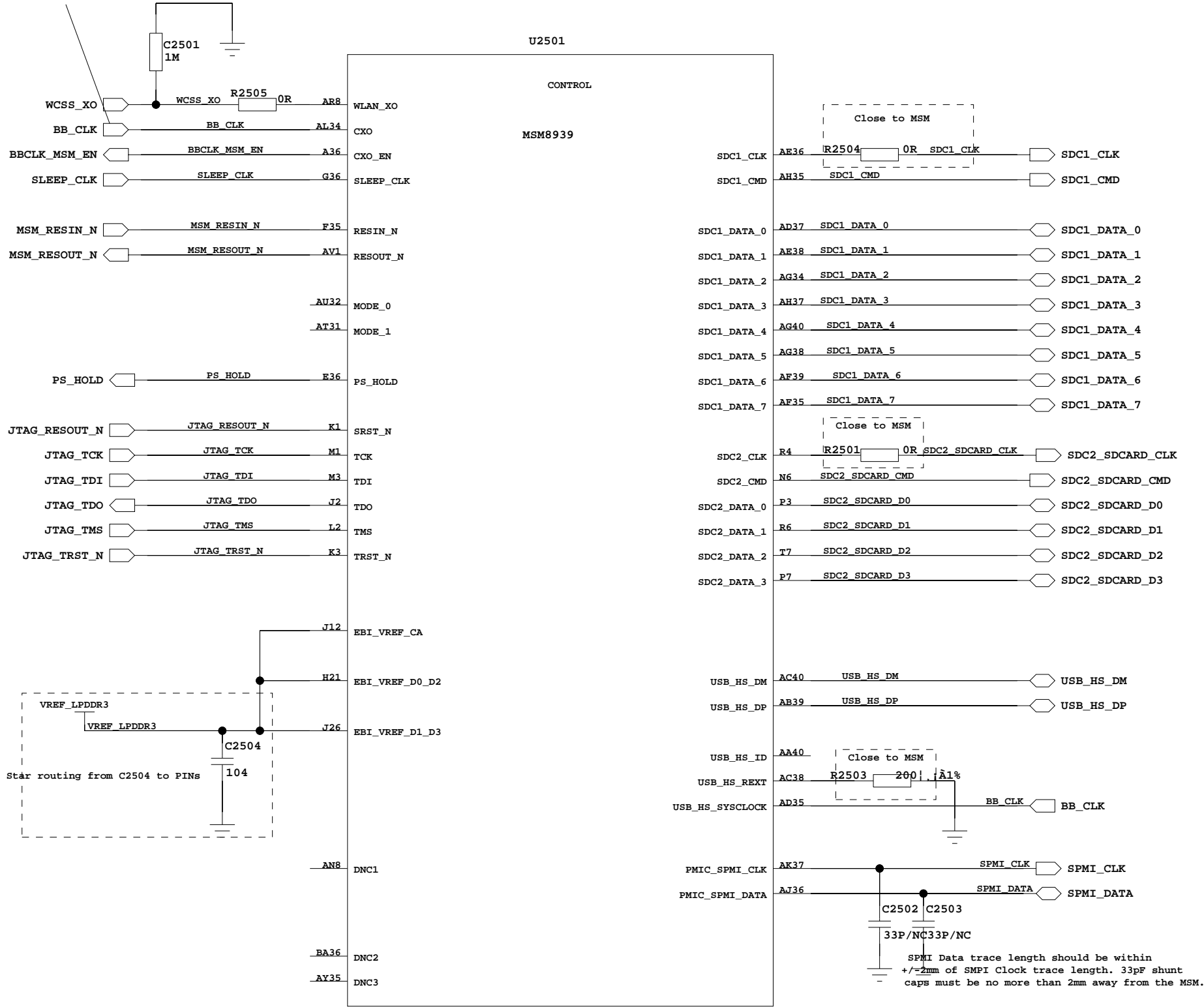
	Sign	Date	Type:
Drawn By			Draw No: 15011
Checked By			Sheet of 30 Ver:
Standard By			
Approved By			

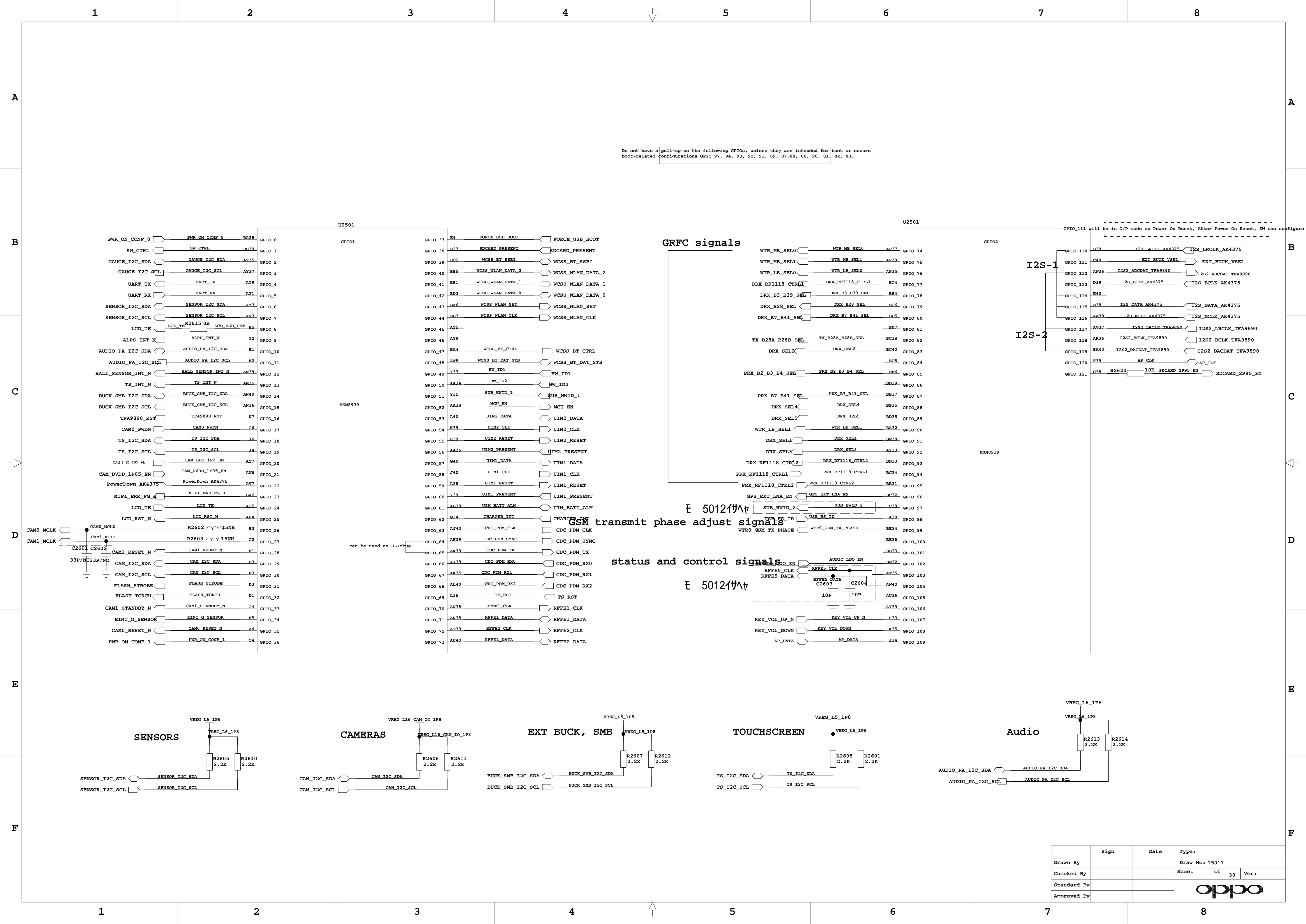
oppo

SYS_CTRL_SDC

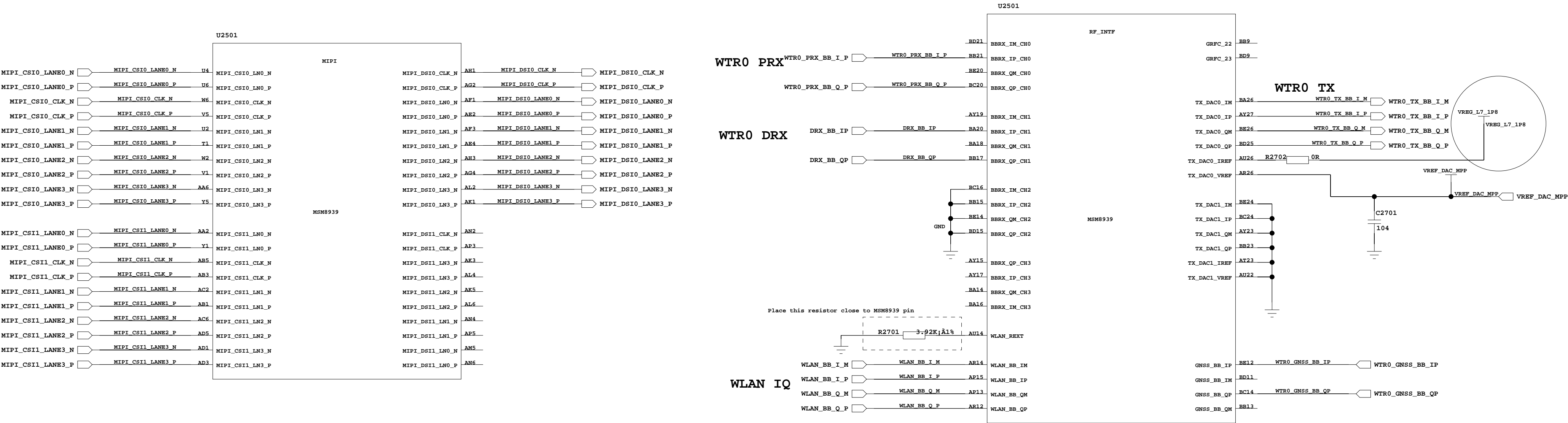
EBI

For BBCLK1, AD35 will be the first load and AL34 is the final load
Should be a Daisy chain route

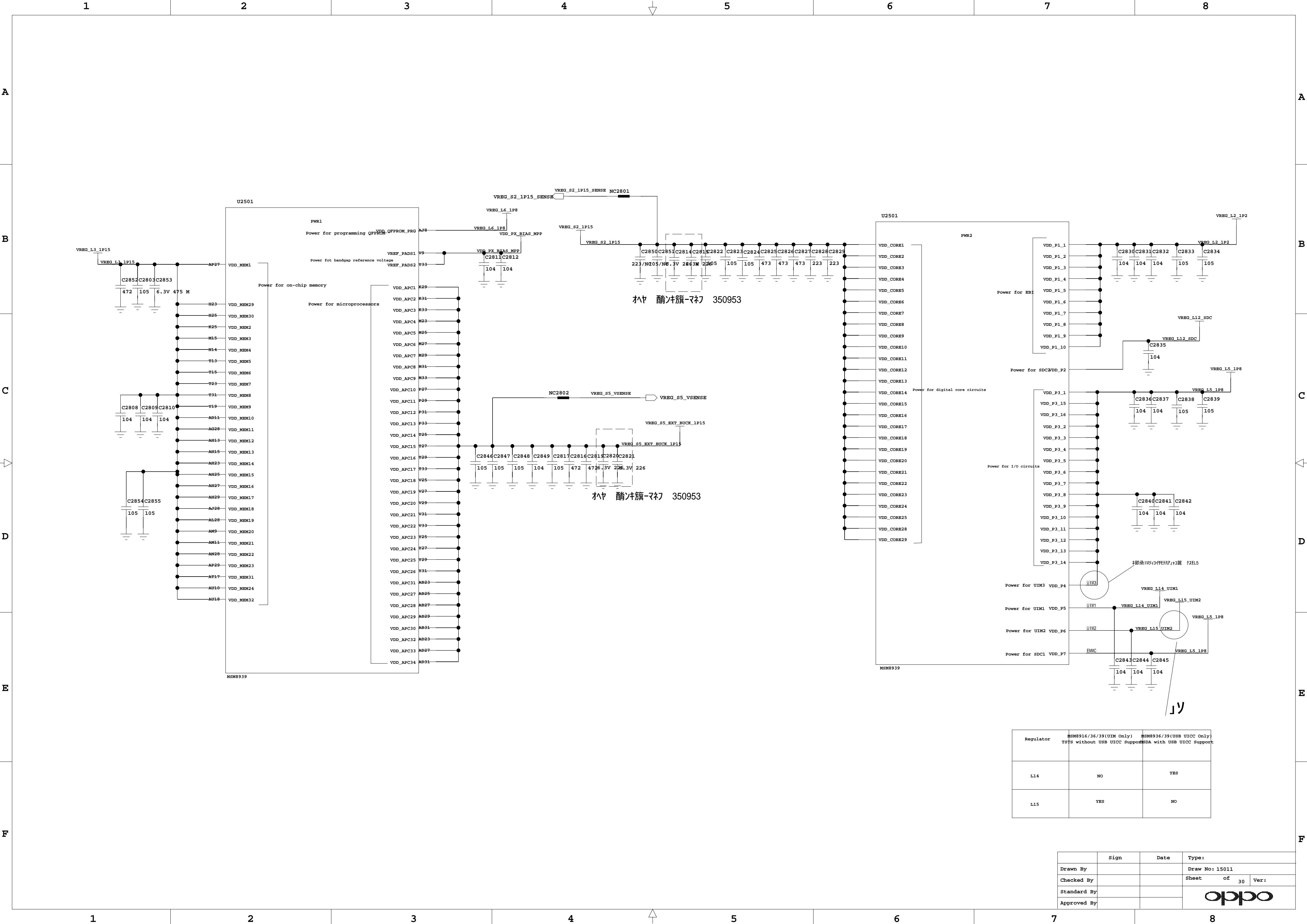




MIPI_RF_INTERFACE

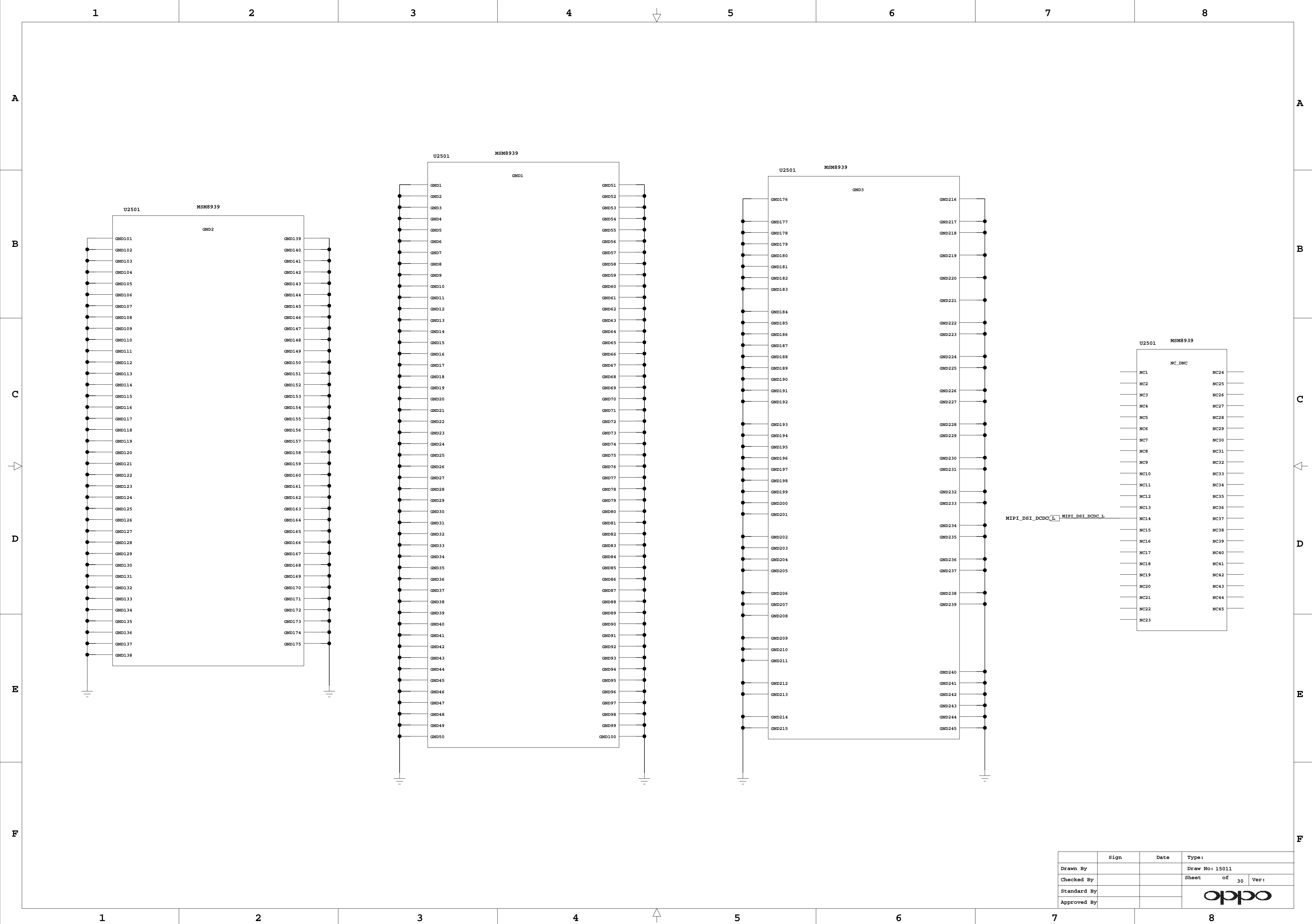


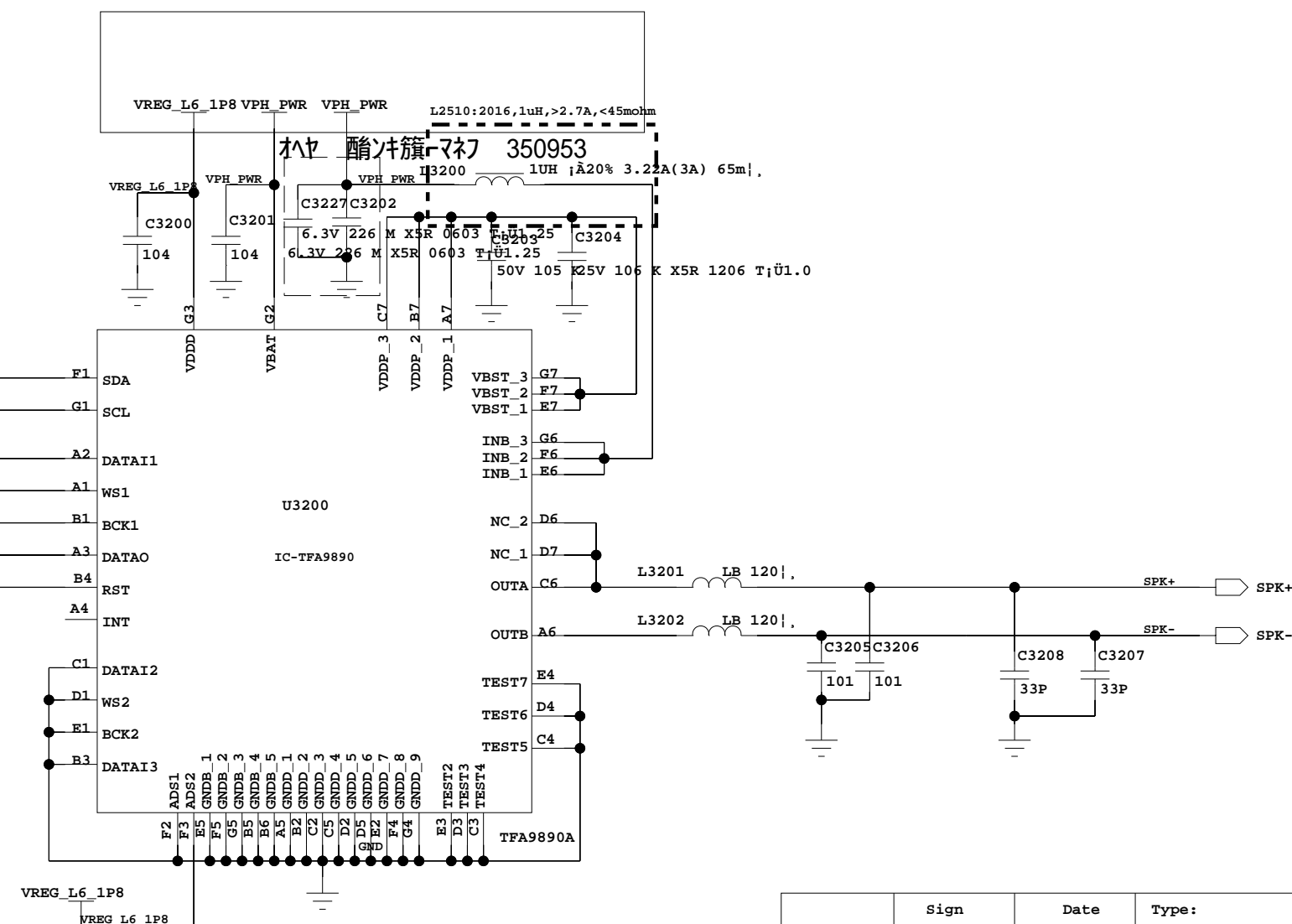
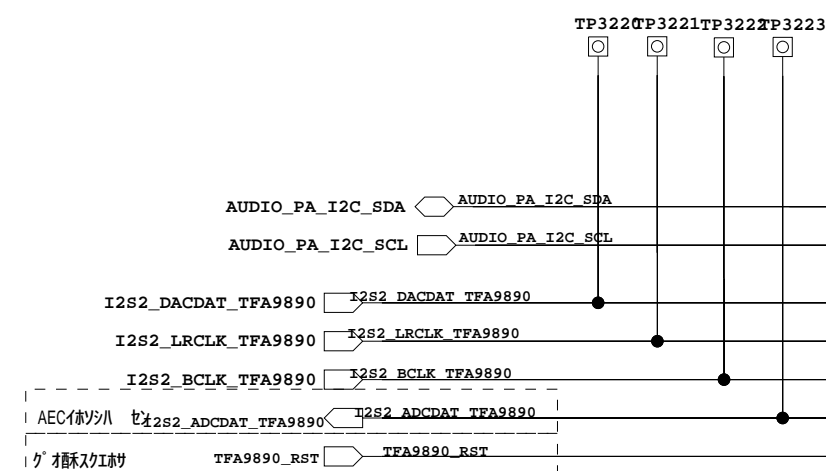
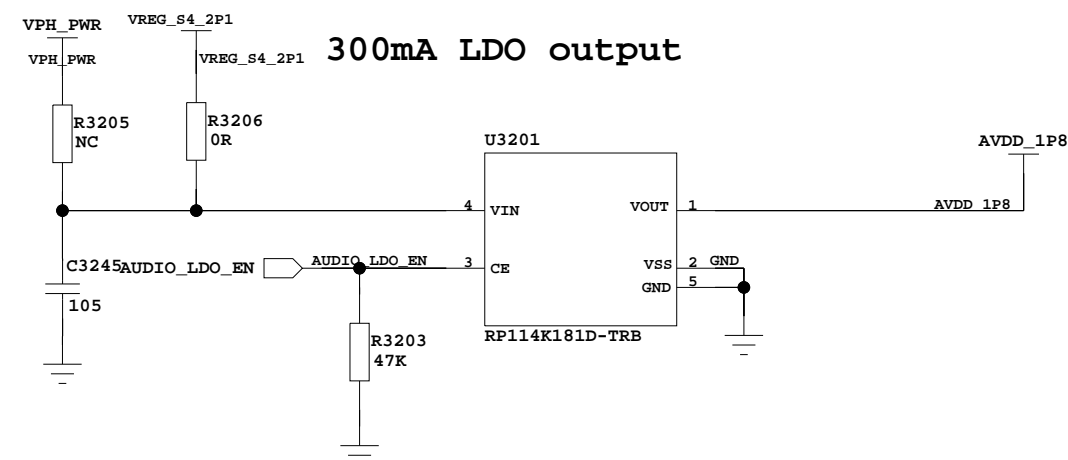
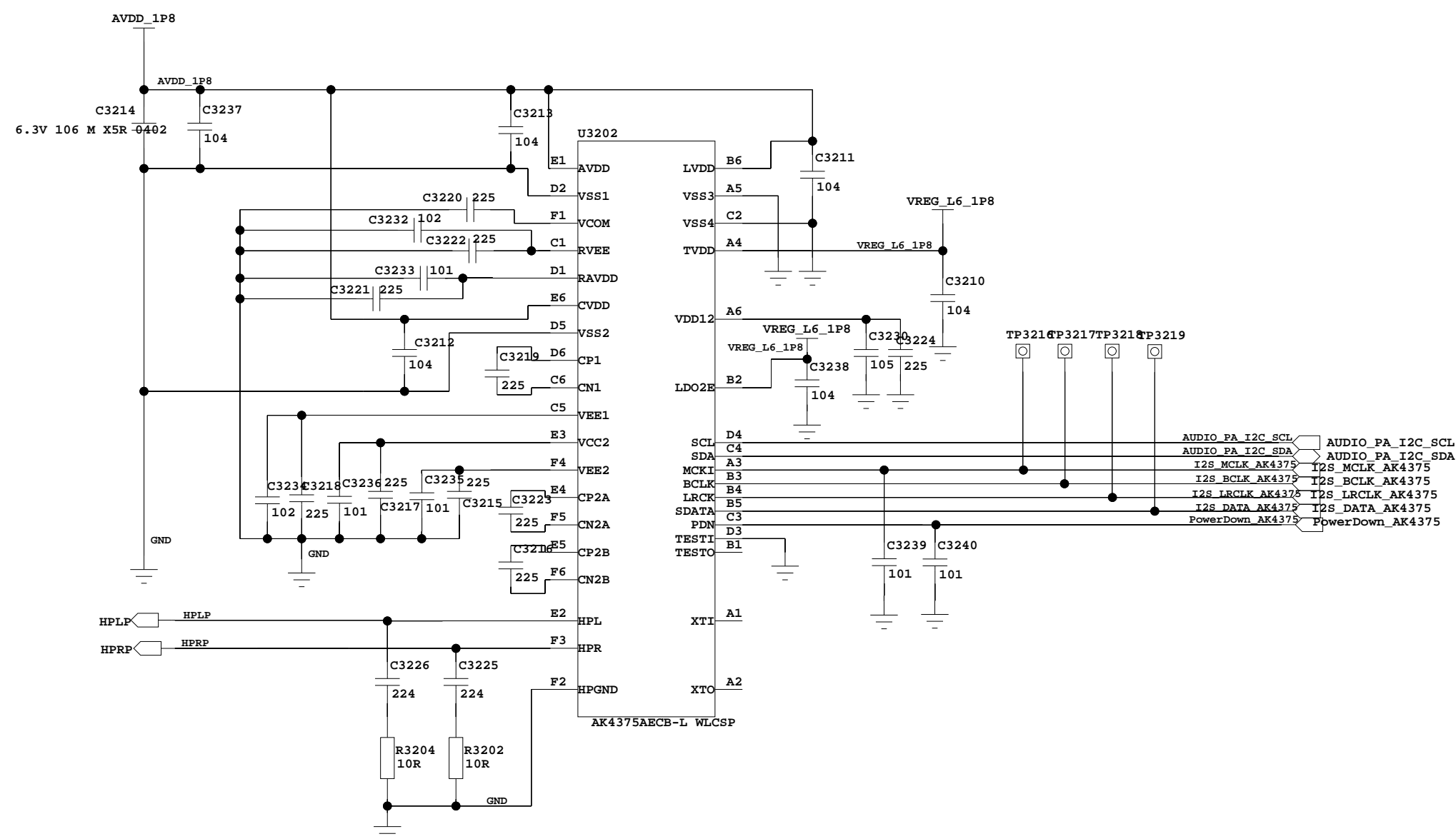
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Drawn By			Draw No: 15011
Checked By			Sheet of 30 Ver:
Standard By			oppo
Approved By			




Regulator	MSM8916/36/39(UIM Only) TSTS without USB UICC Support	MSM8936/39(USB UICC Only) TSTS with USB UICC Support
L14	NO	YES
L15	YES	NO

	Sign	Date	Type:
Drawn By			Draw No: 15011
Checked By			Sheet of 30 Ver:
Standard By			oppo
Approved By			

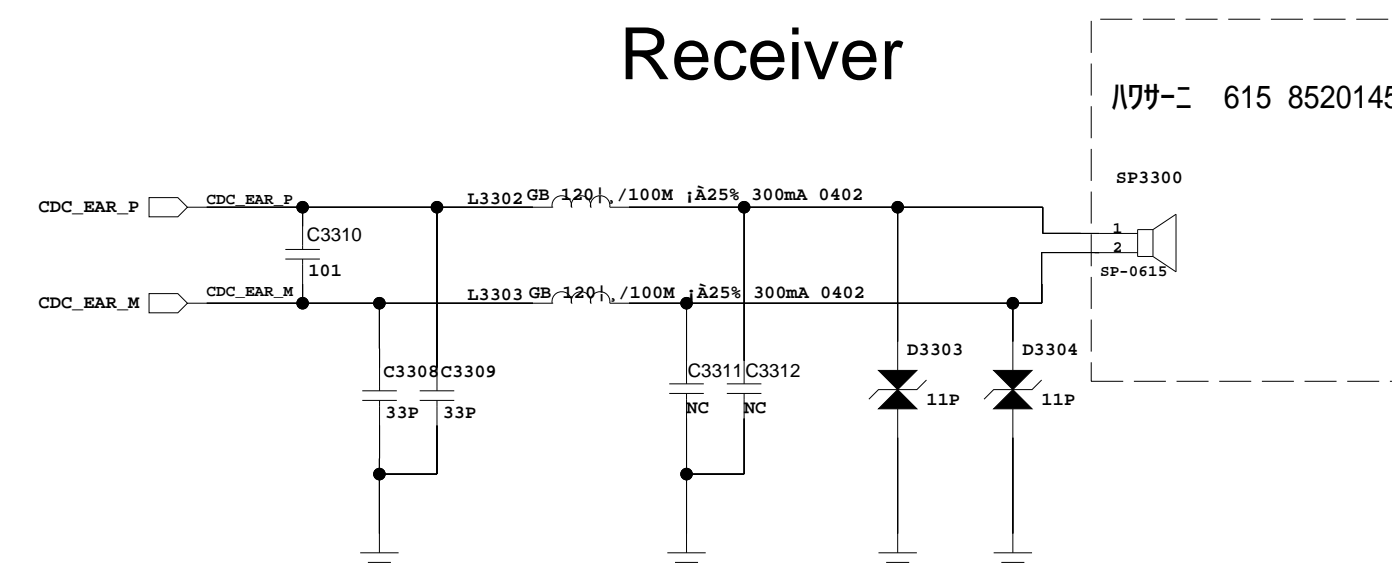
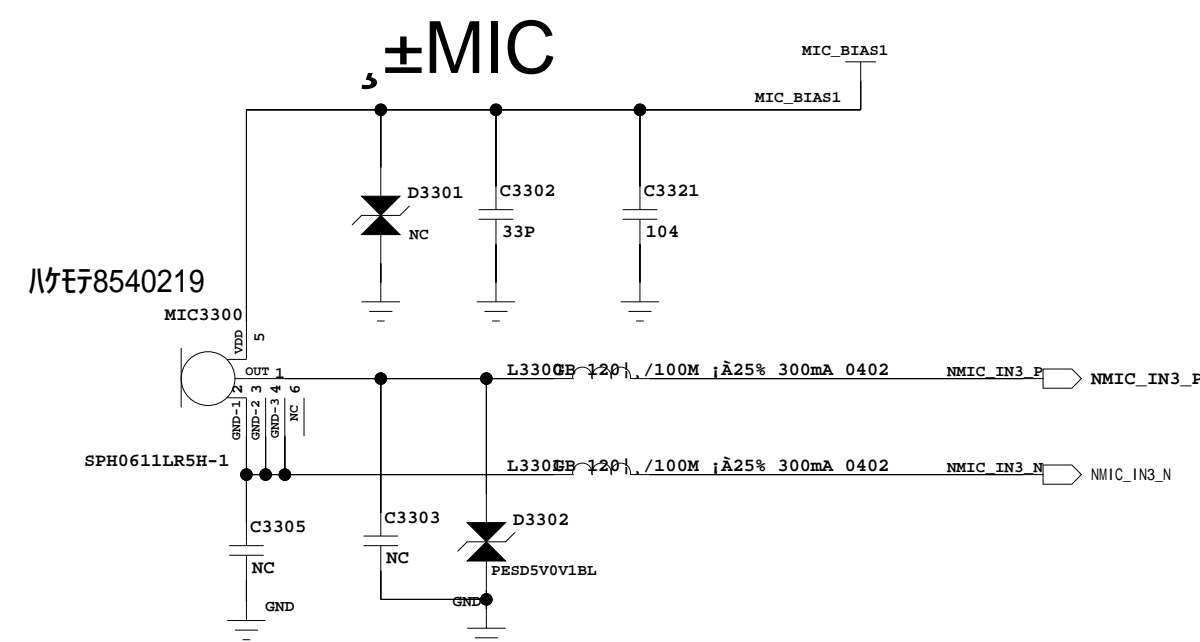
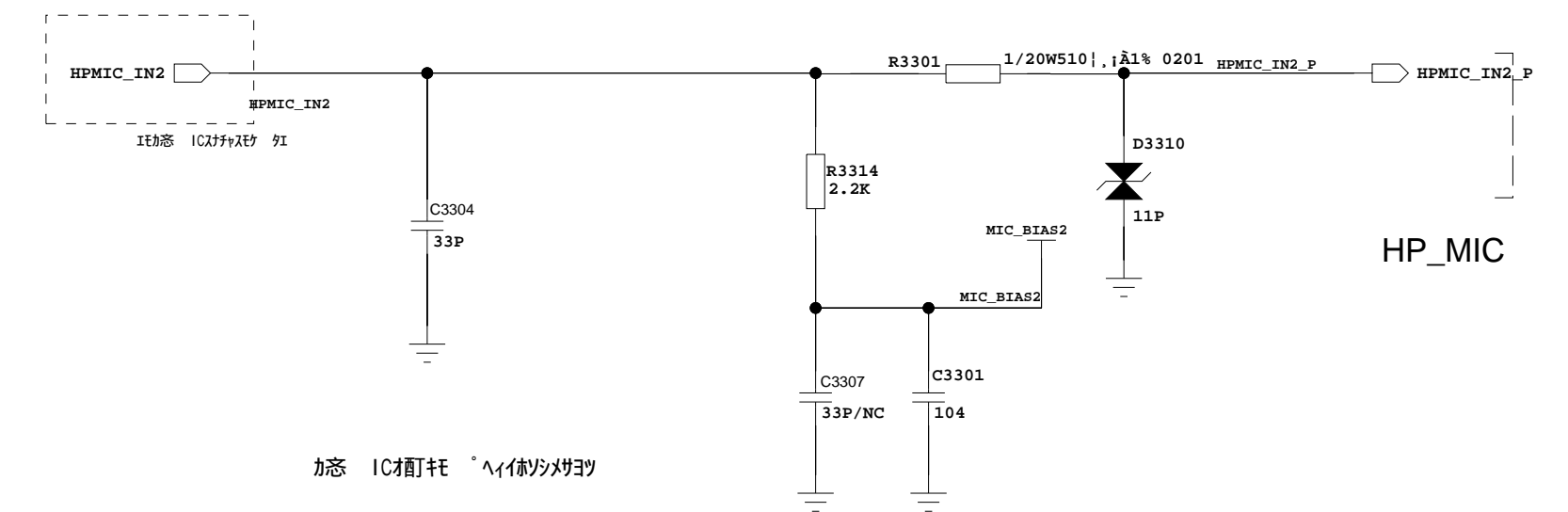
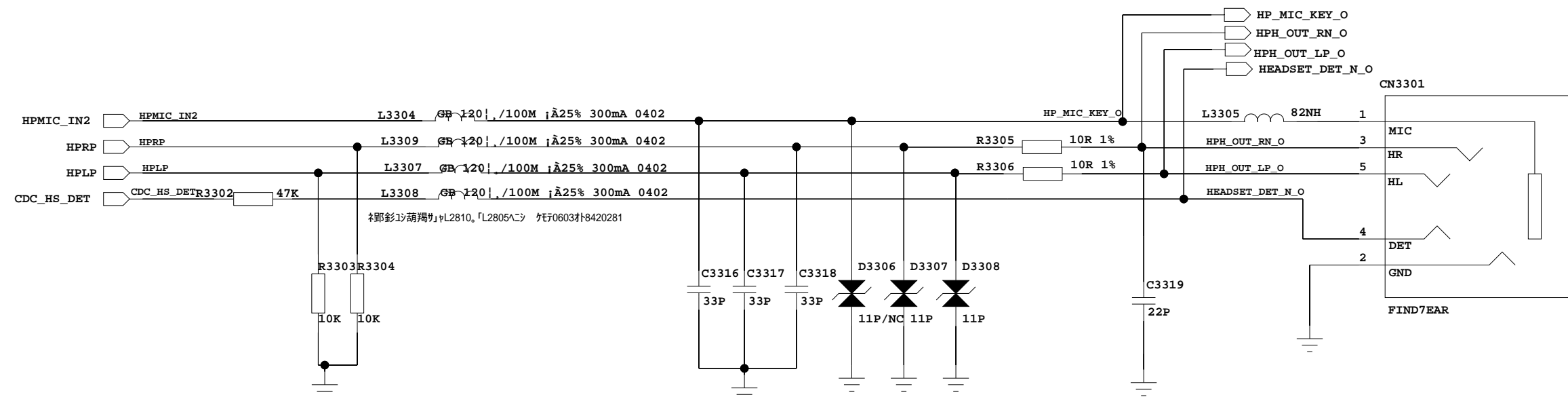





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Checked By			Sheet	of 30	Ver:
Standard By					
Approved By					

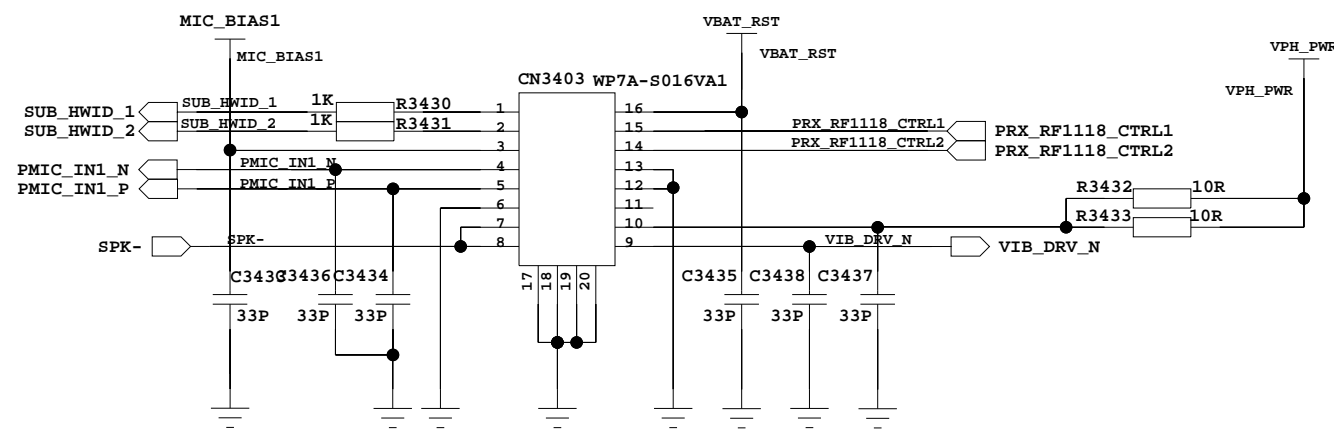
HeadPhone

HP MIC

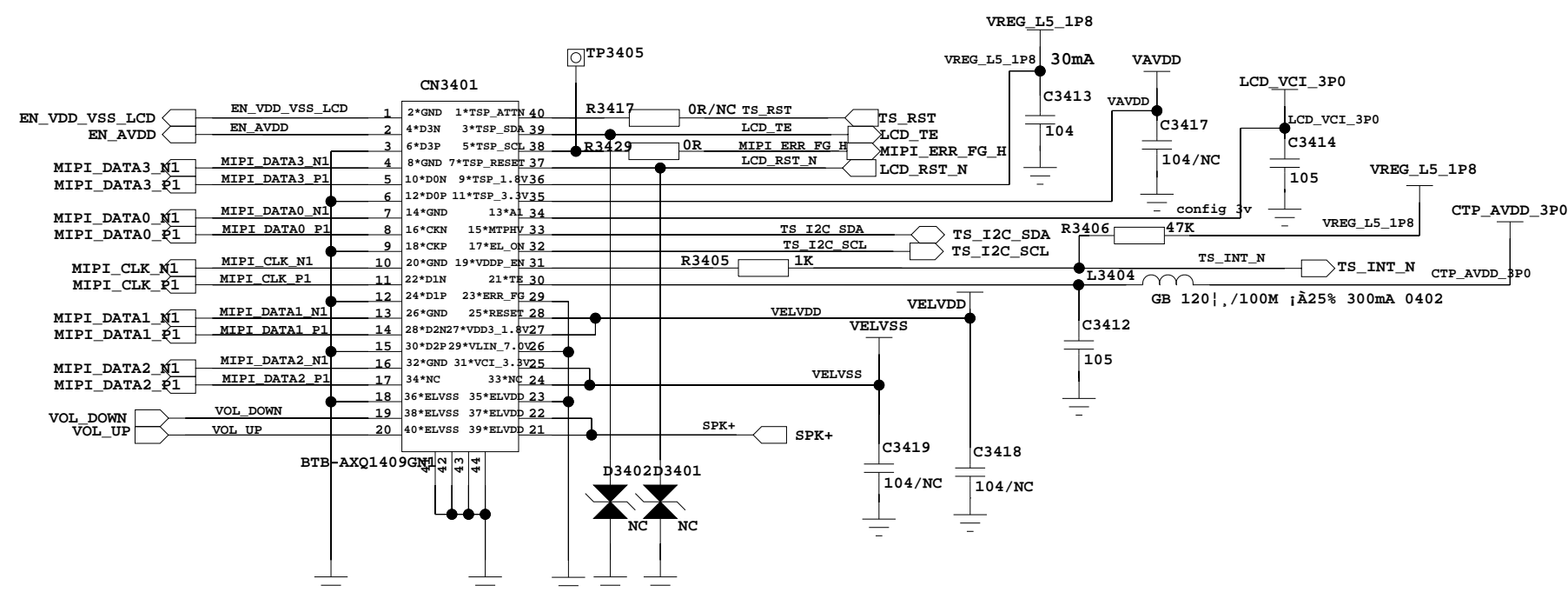


	Sign	Date	Type:	
Drawn By			Draw No: 15011	
Checked By			Sheet 30 of	Ver:
Standard By				
Approved By				

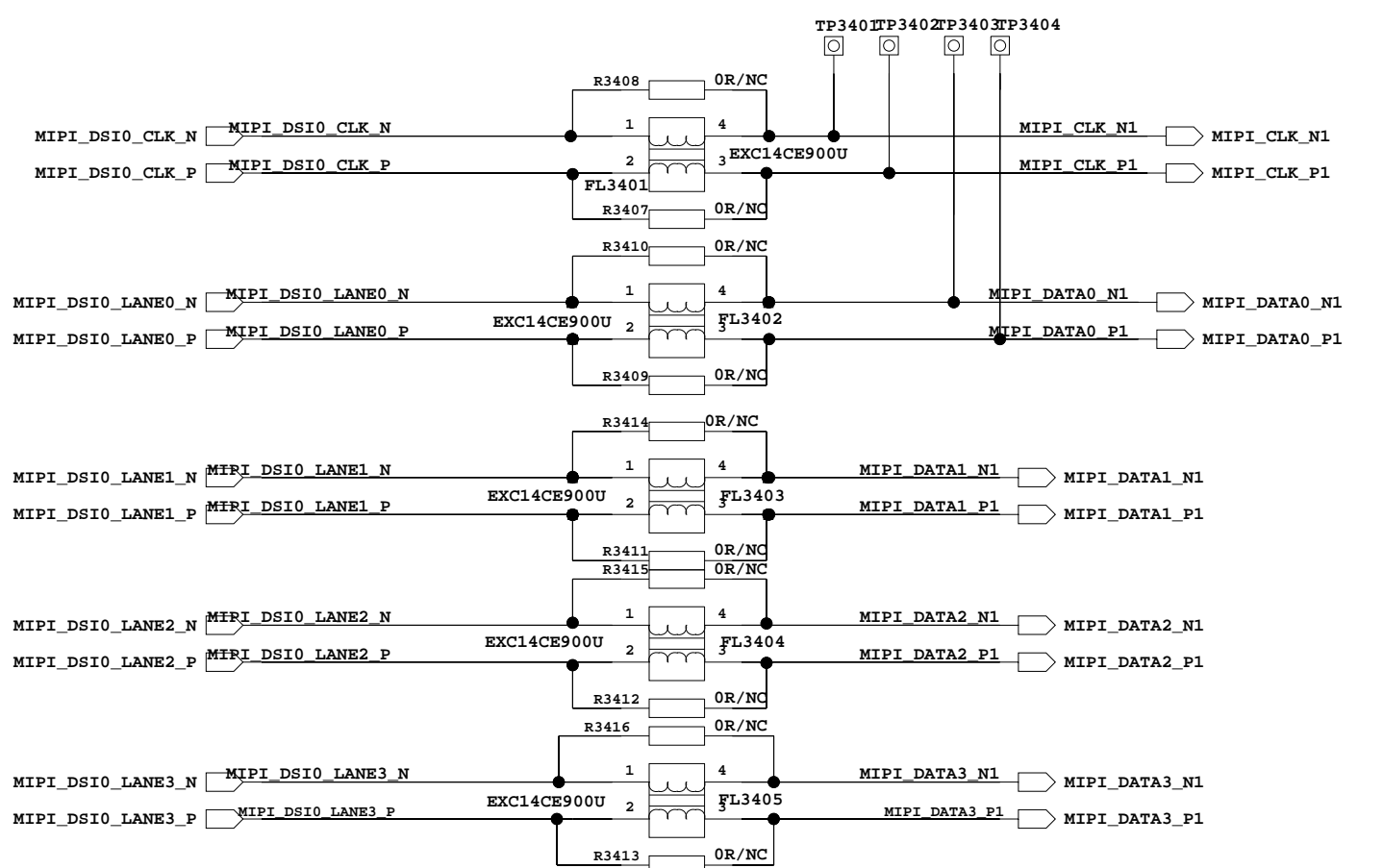
Sub board connector



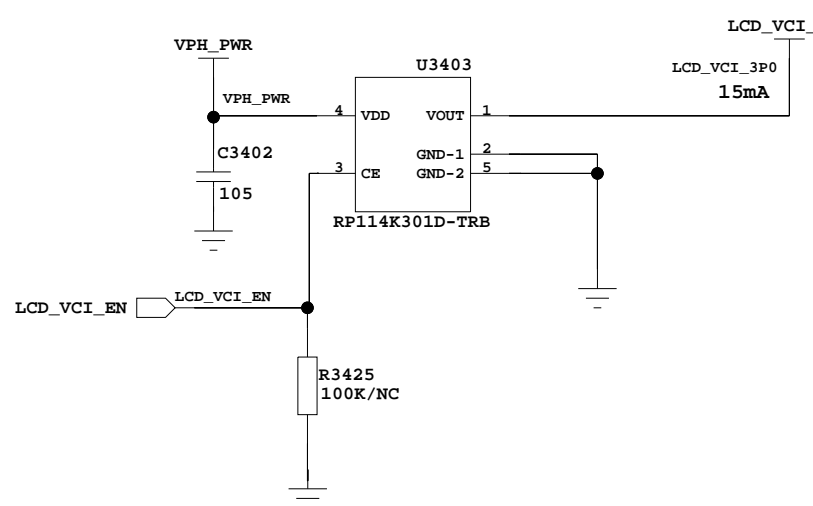
LCM Connector



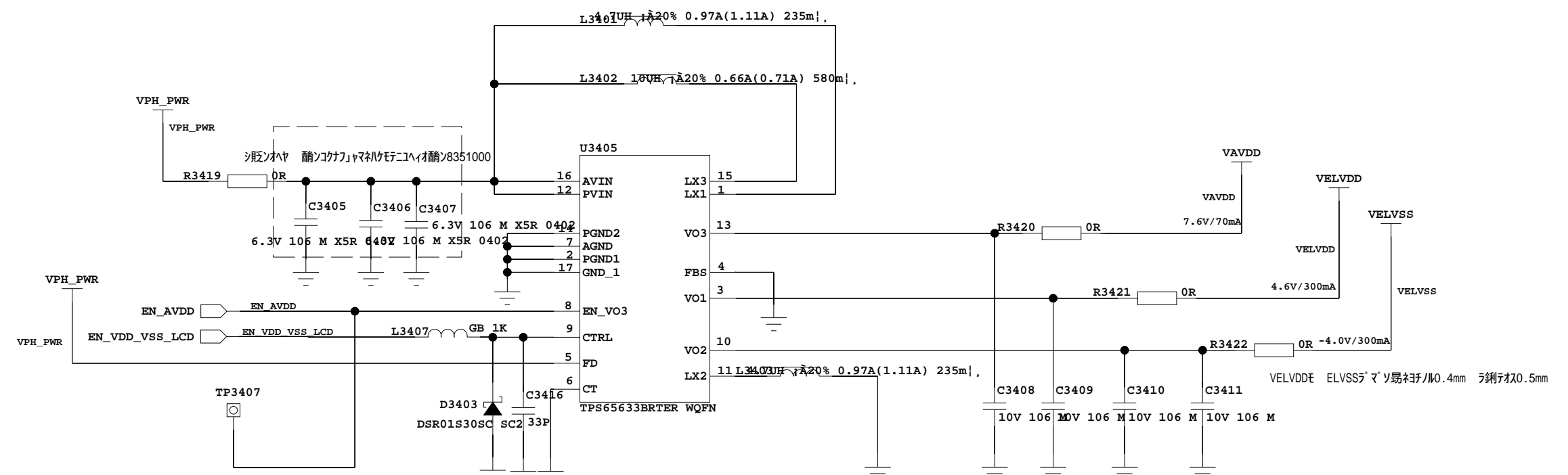
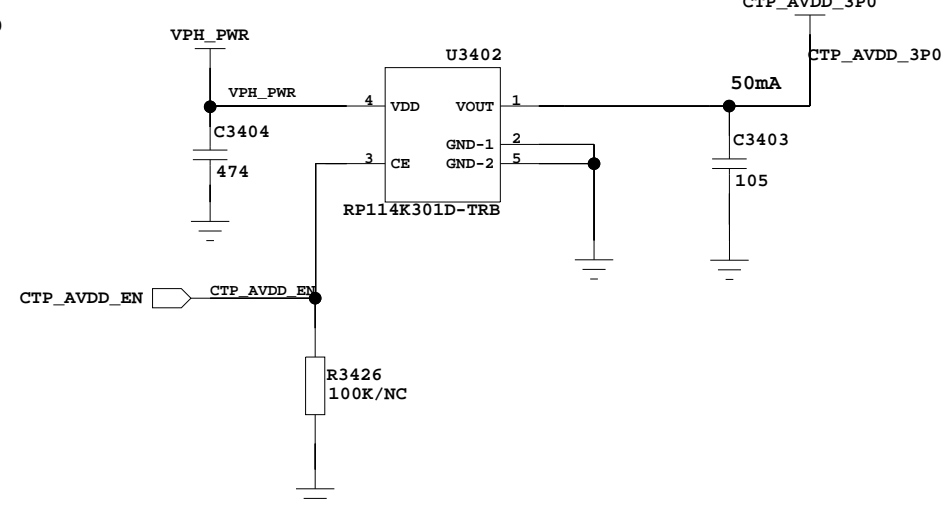
MIPIイ築材贏。チソソス鮪TB卮




LCD AVDD(3.0V)



CTP AVDD 3.0V



	Sign	Date	Type:	
Drawn By			Draw No: 15011	
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Standard By				
Approved By				

A



A



C

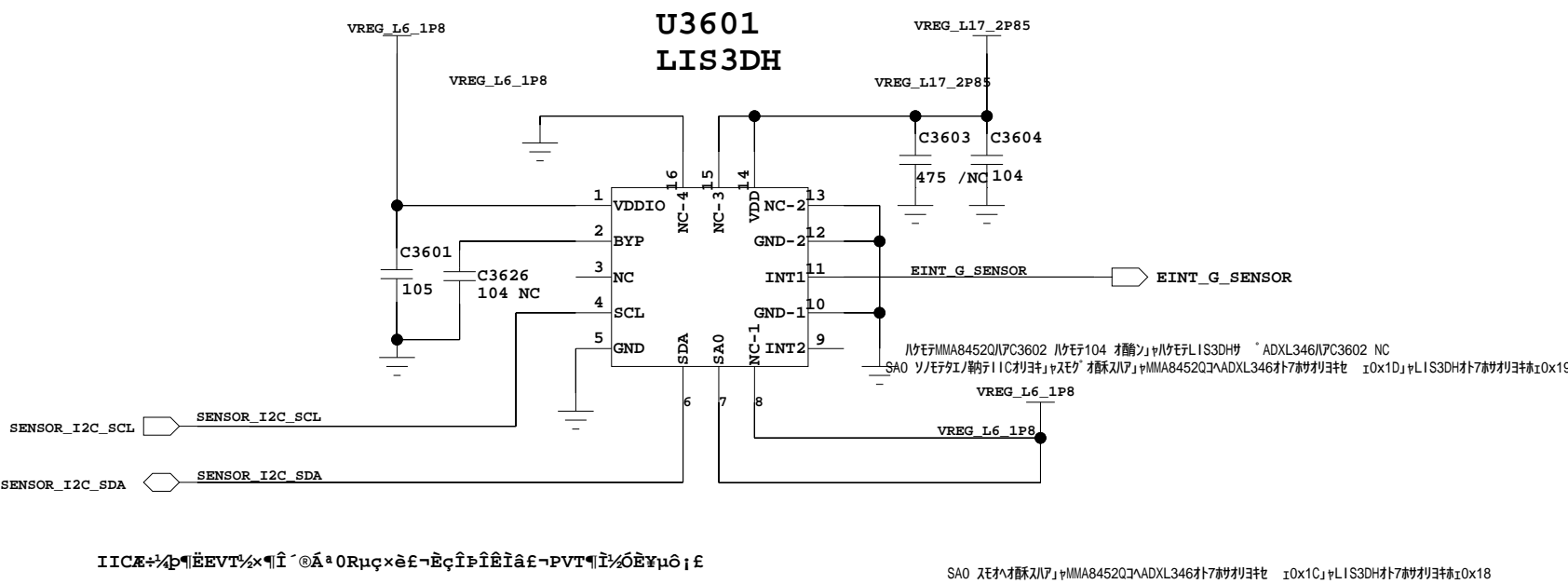
CD**E**

6

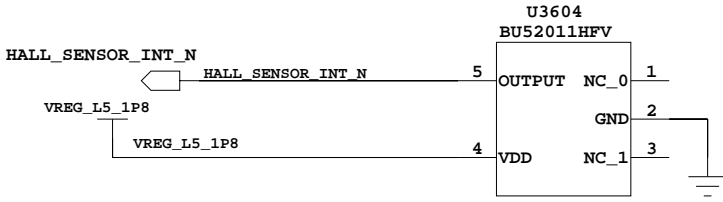
**F**

G-sensor

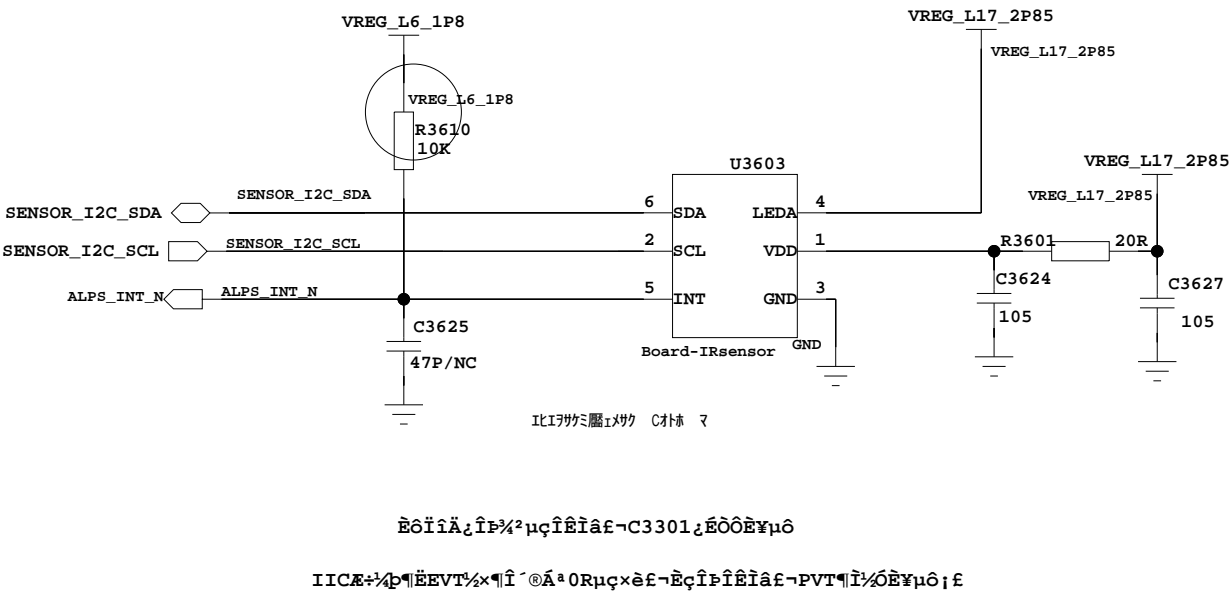
LIS3DH Slave address 0X19(0011001)



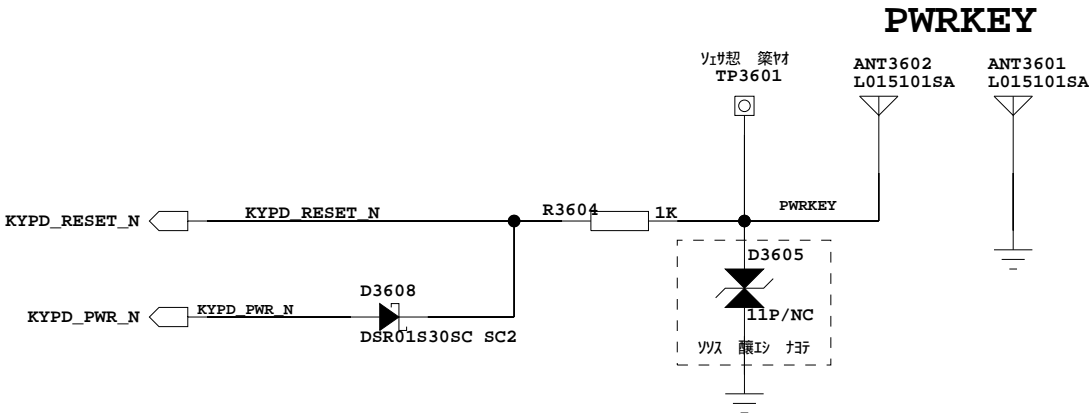
Hall sensor



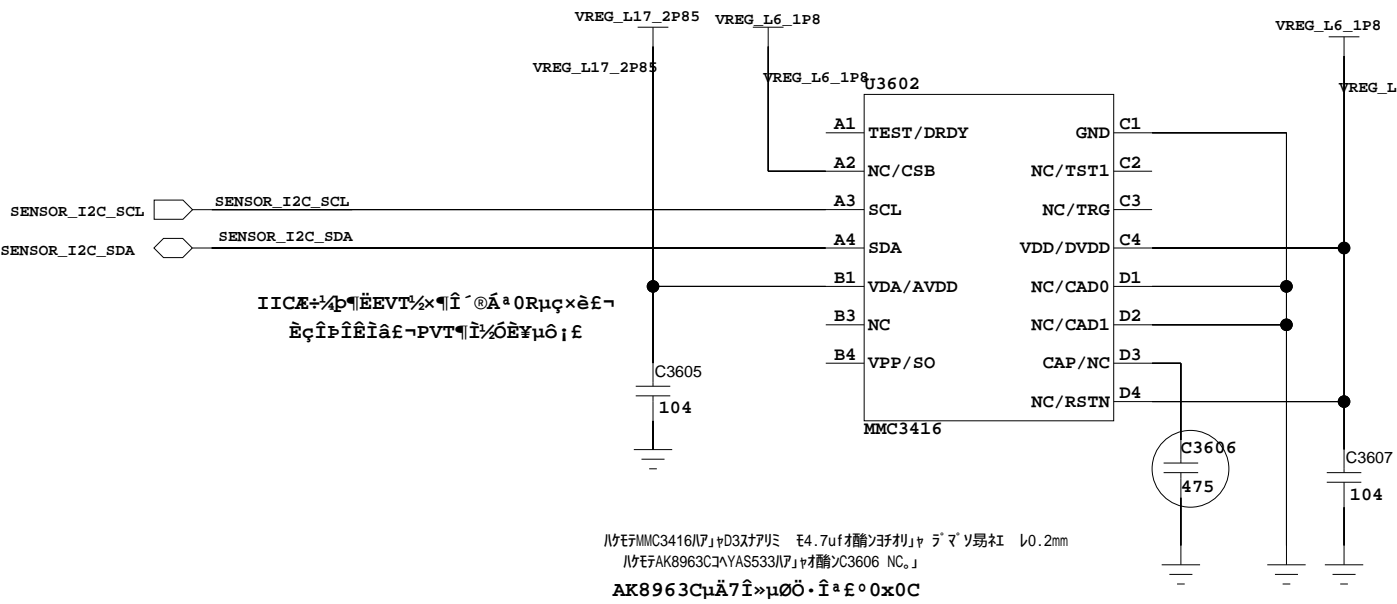
A.L.S.+P.S sensor module BTB



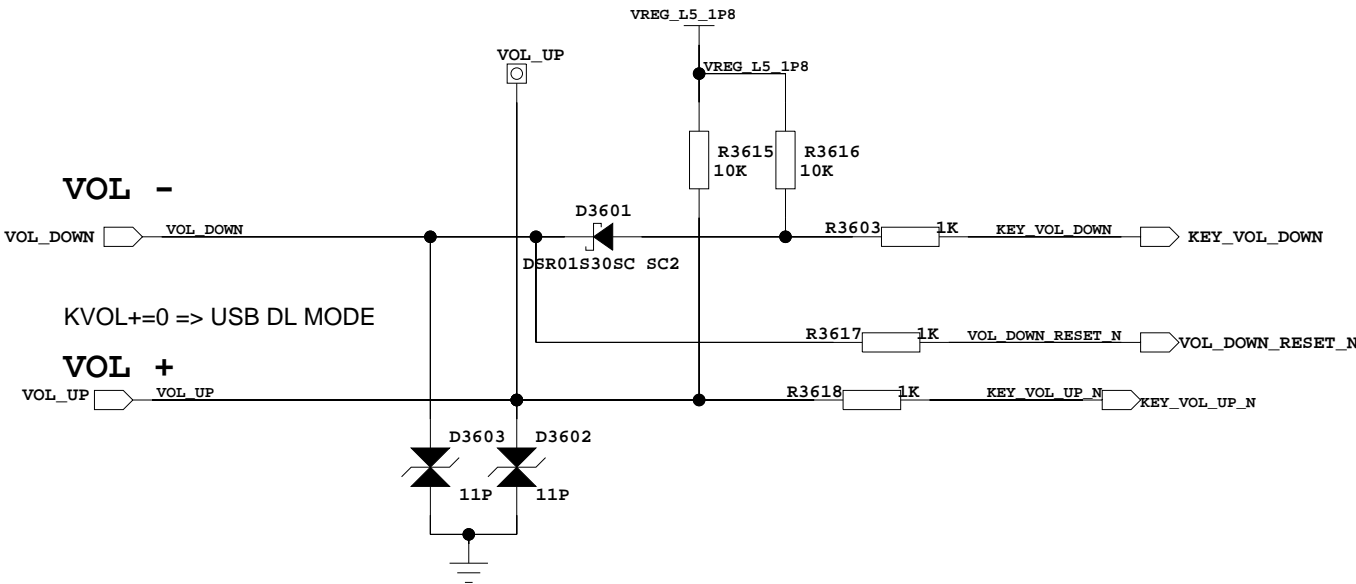
POWER KEY



M-sensor



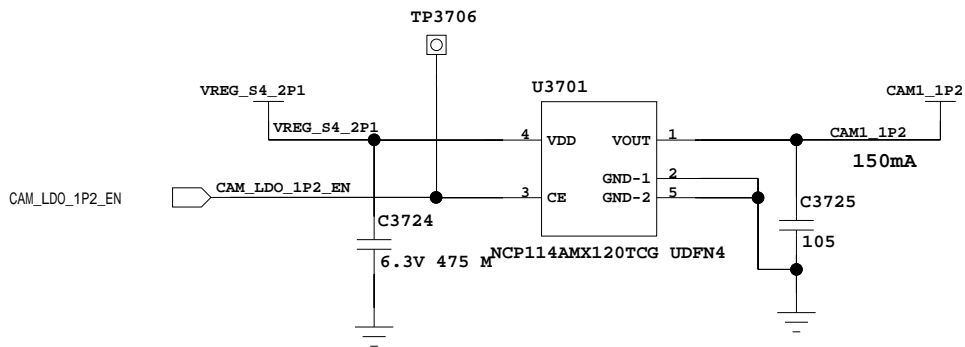
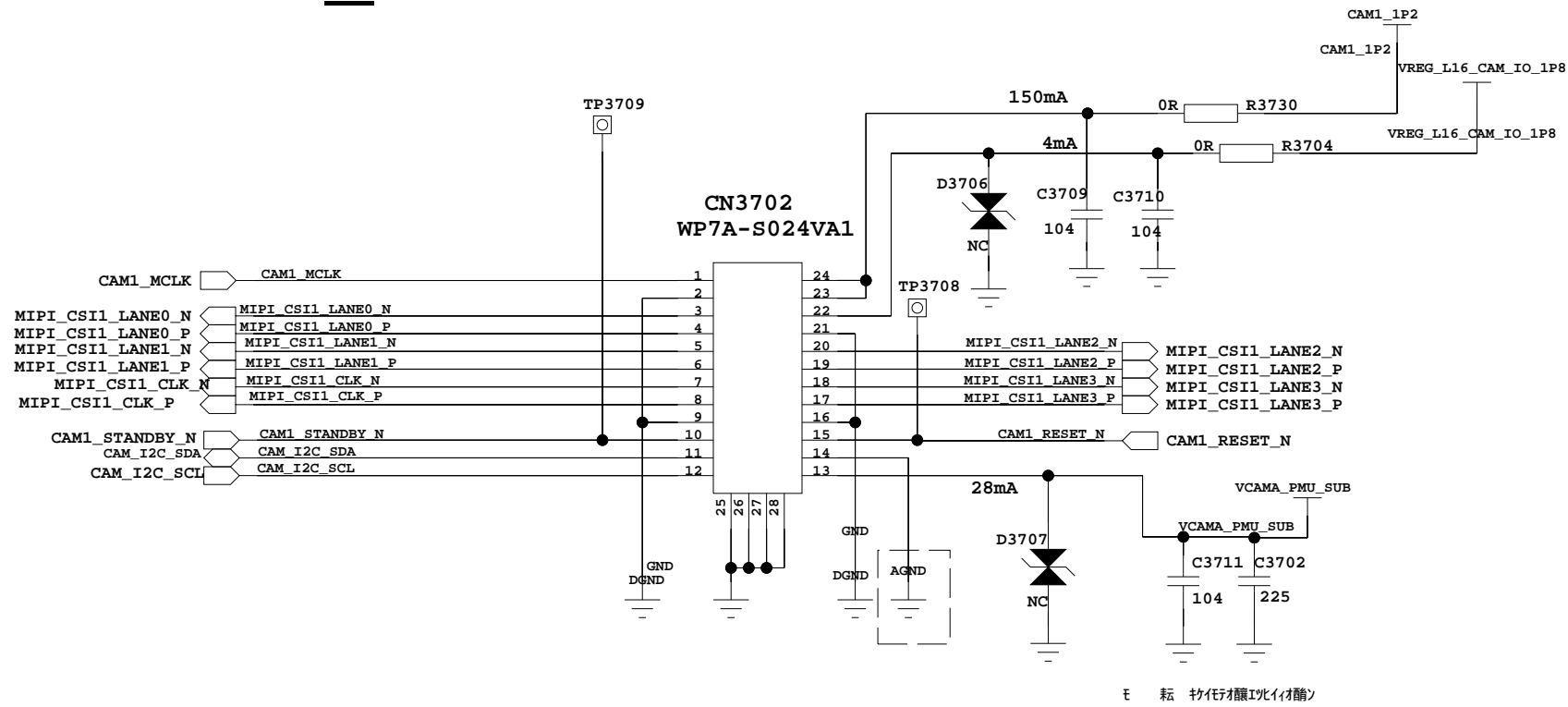
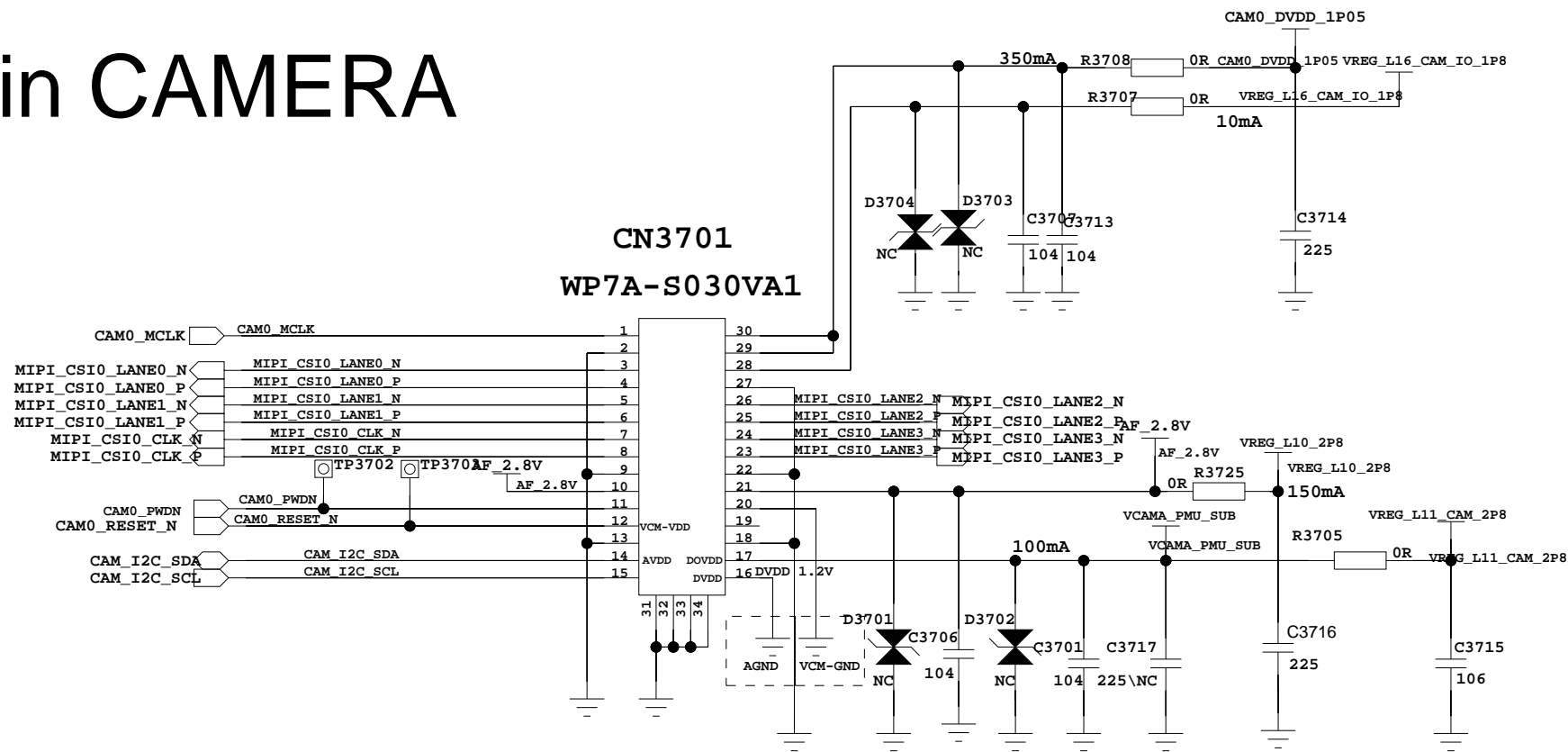
VOL+/- KEY



	Sign	Date	Type: 15011
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Checked By			Sheet 26 of 26
Standard By			Ver:
Approved By			oppo

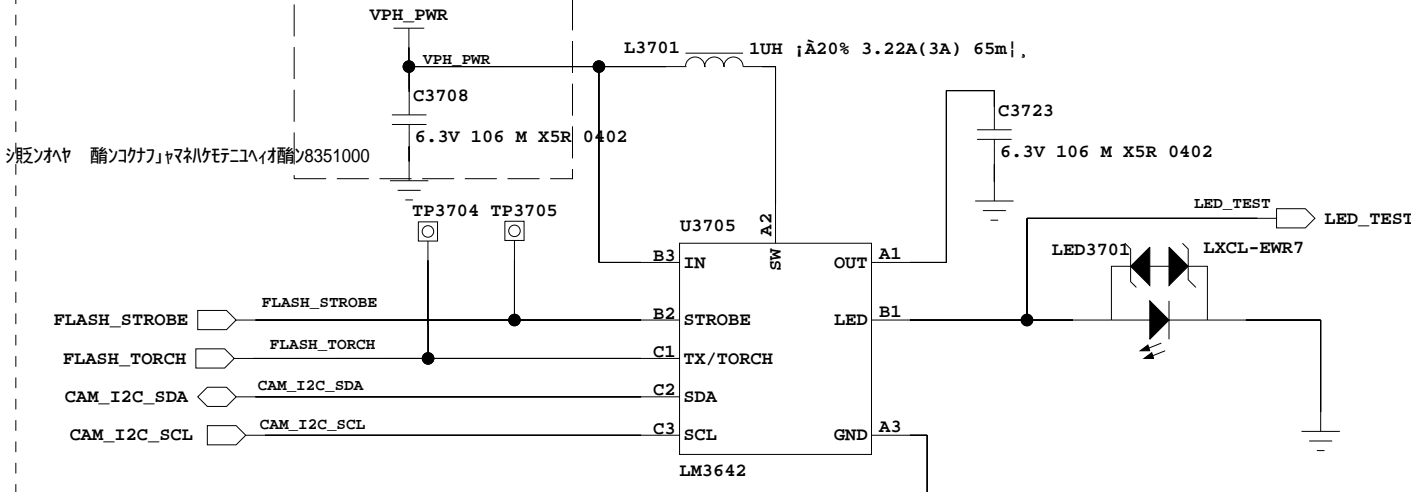
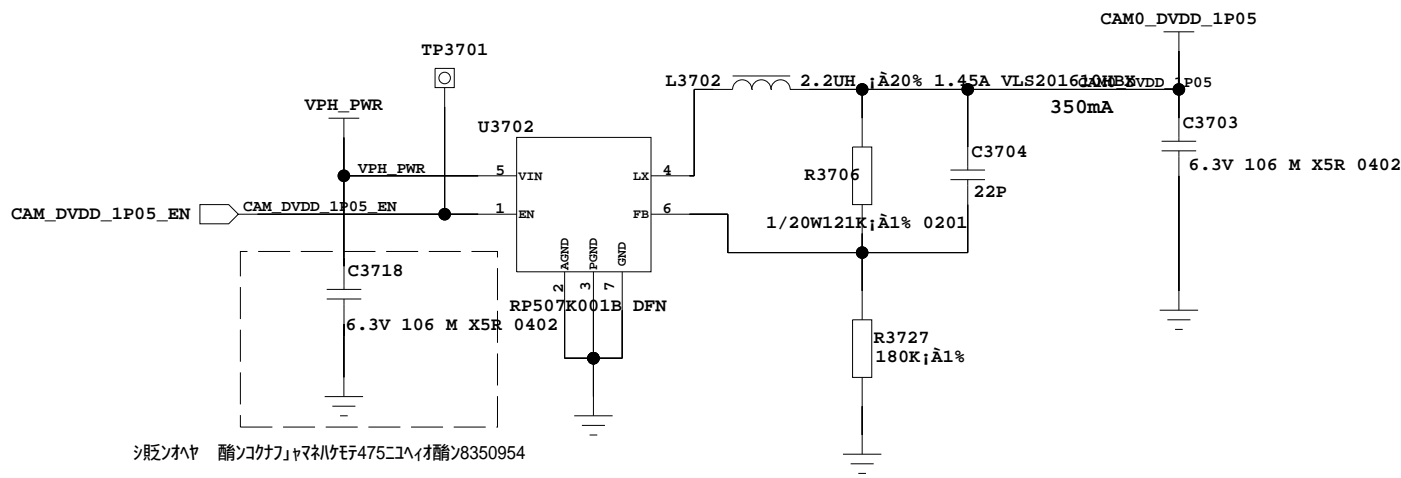
Main CAMERA

SUB_Camera

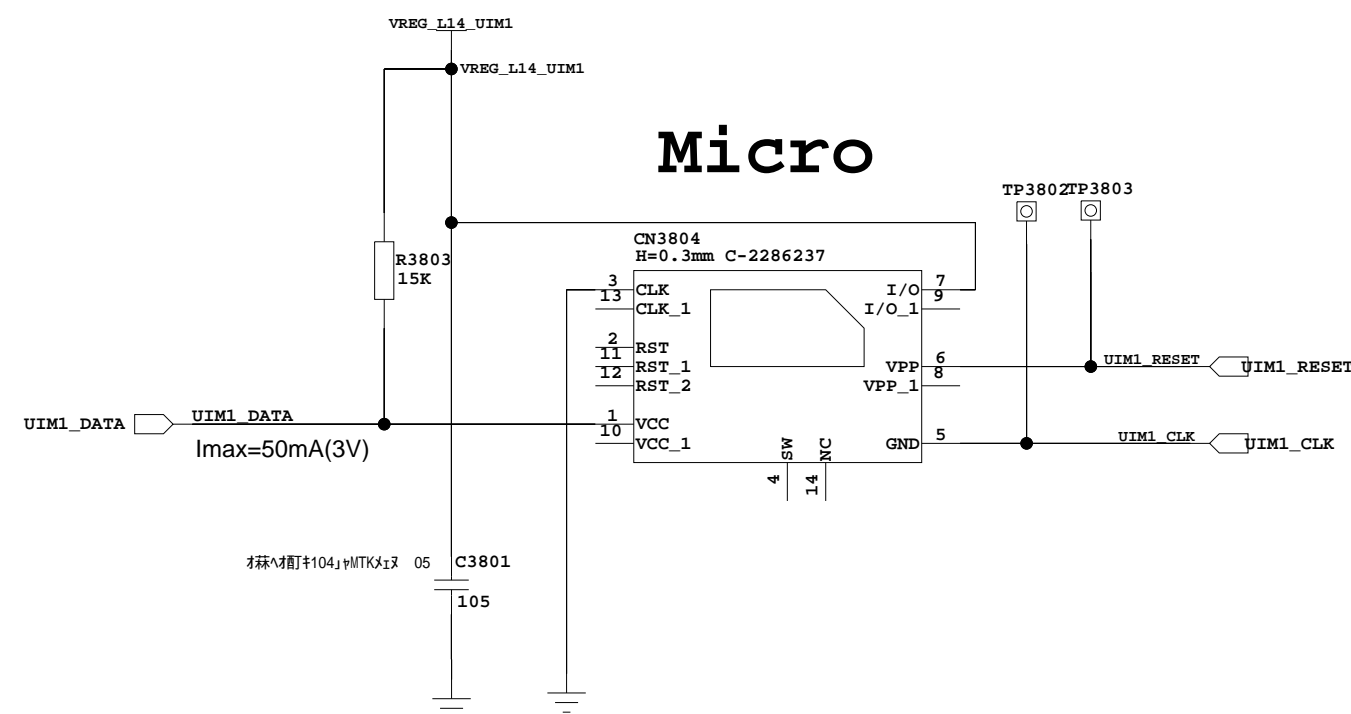


Main Camera DVDD(1.05V)

Flash LED Driver

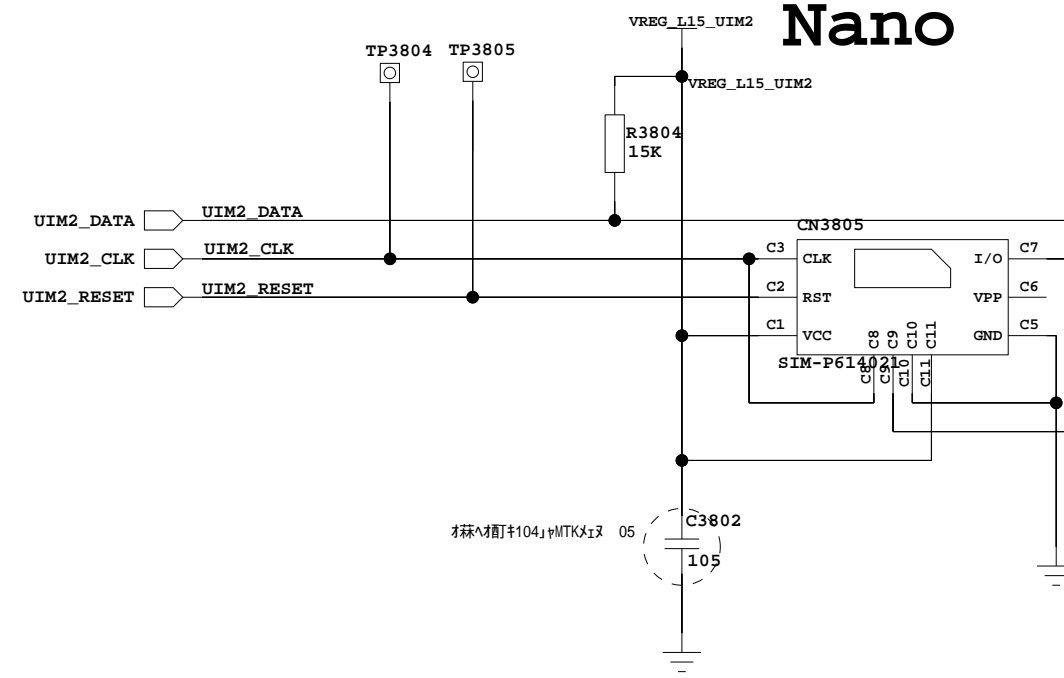
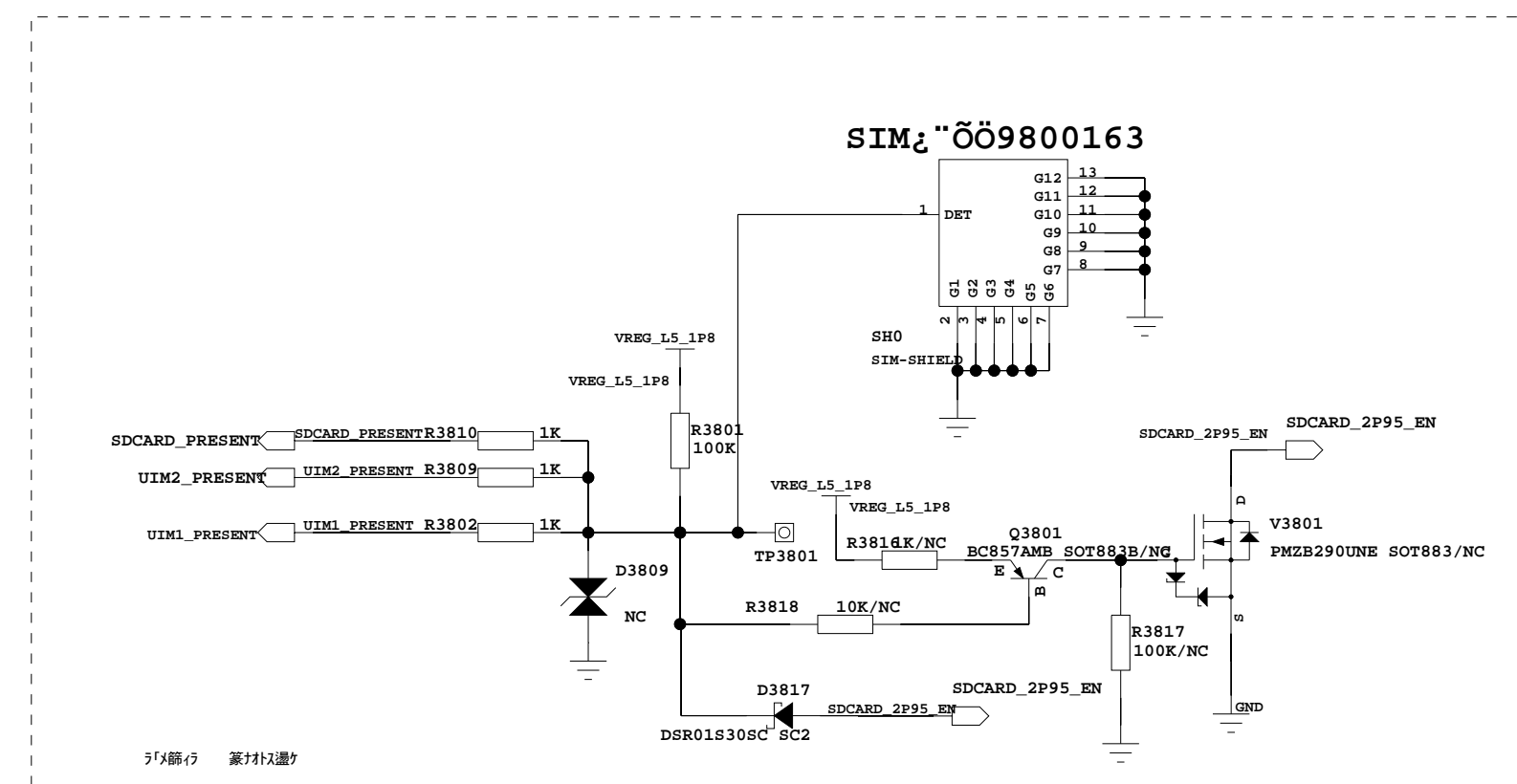


SIM1 Card

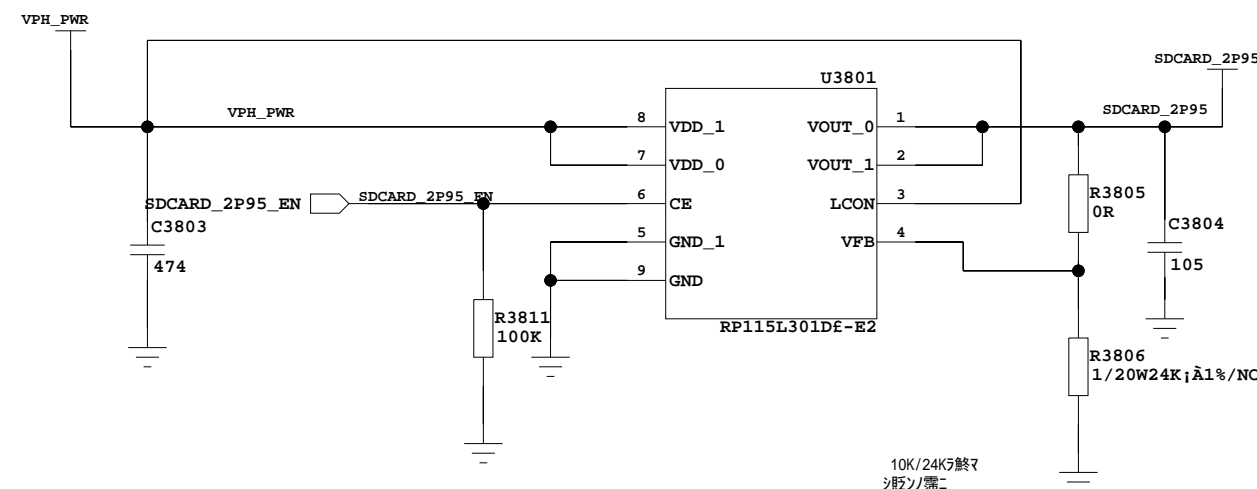


ス邊ケノ需ニオシヨツpinスナハ 邯イメ衲 簾-カイメ衰犢エ、イヨミミカウニ、ウ

SIM2 Card

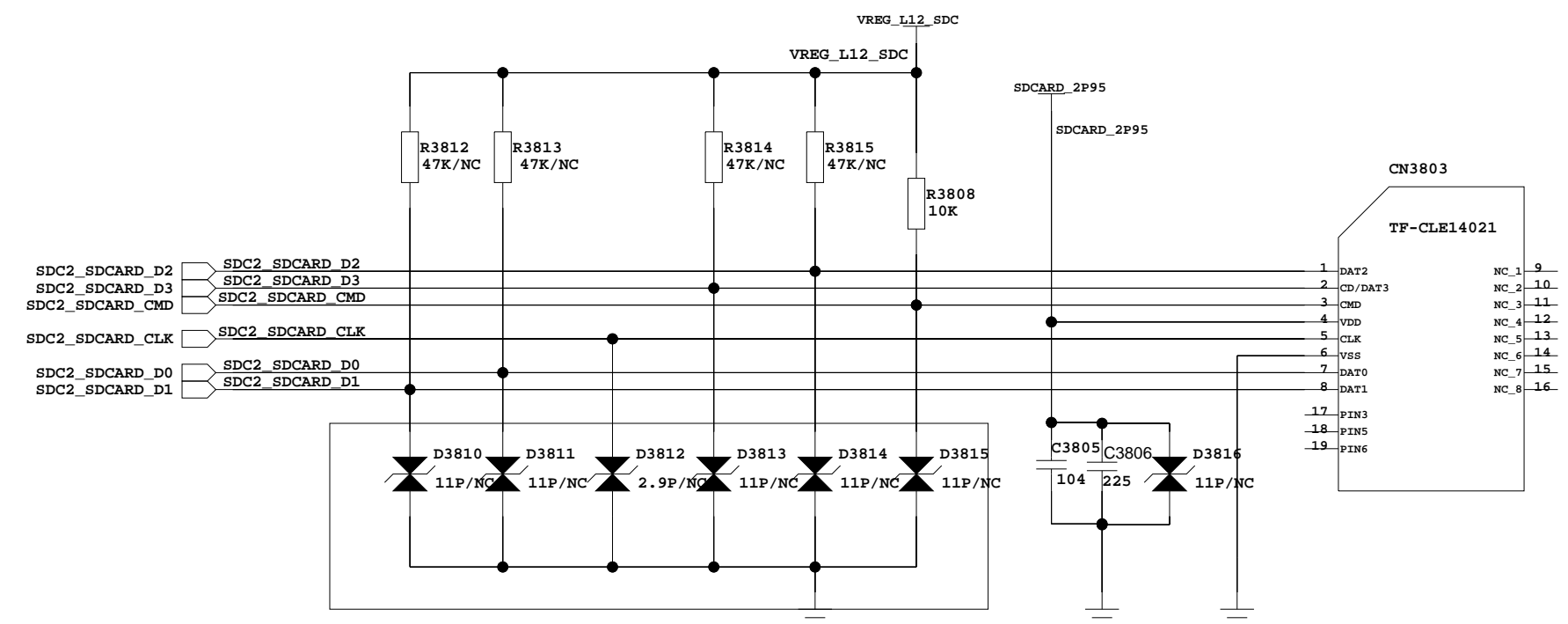
 $I_{\max}=50\text{mA}(3\text{V})$ 


T_g " 2.95V



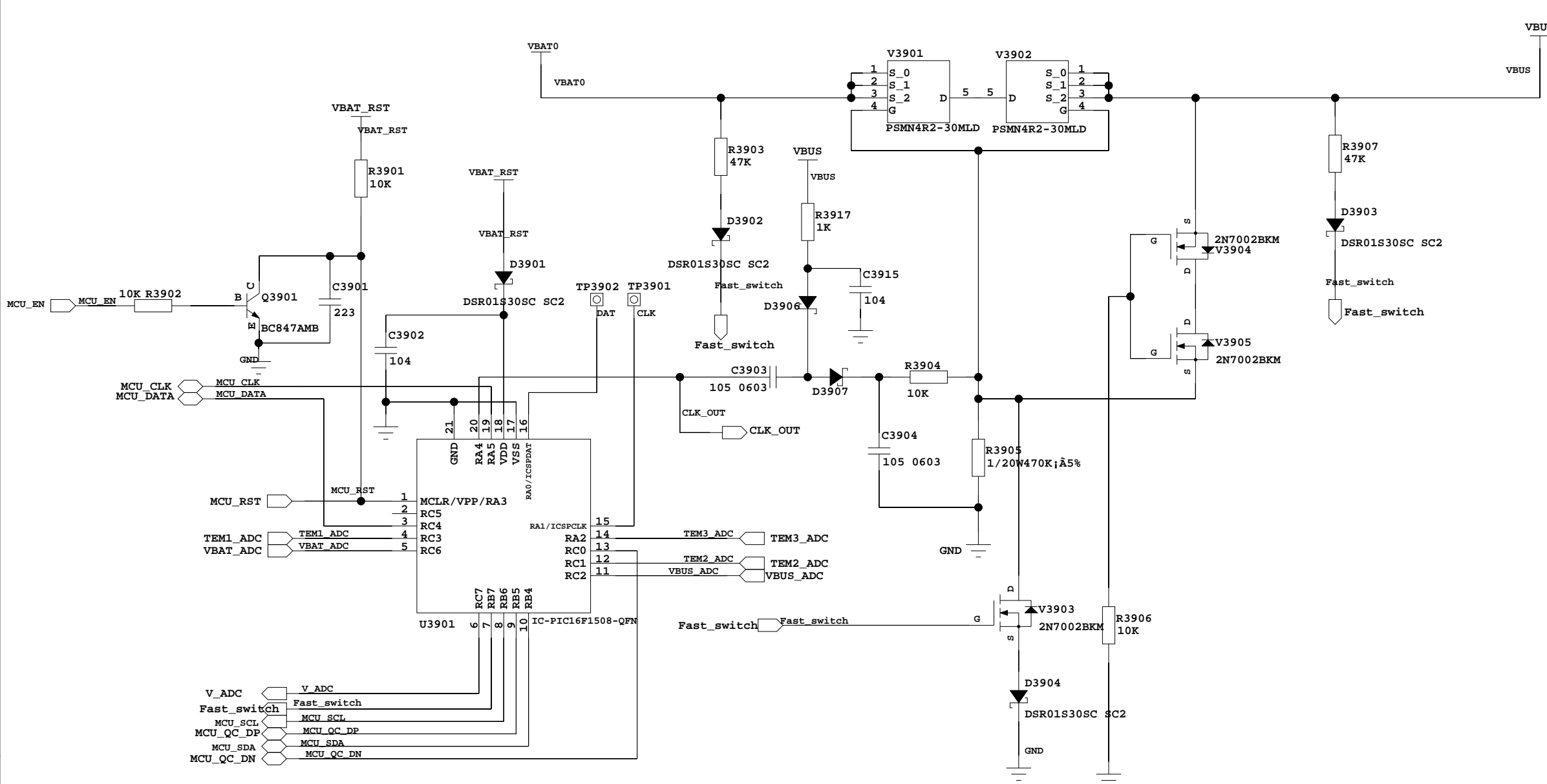
10K/24K5 鯨
シロソノ雲ニ

TF_CARD

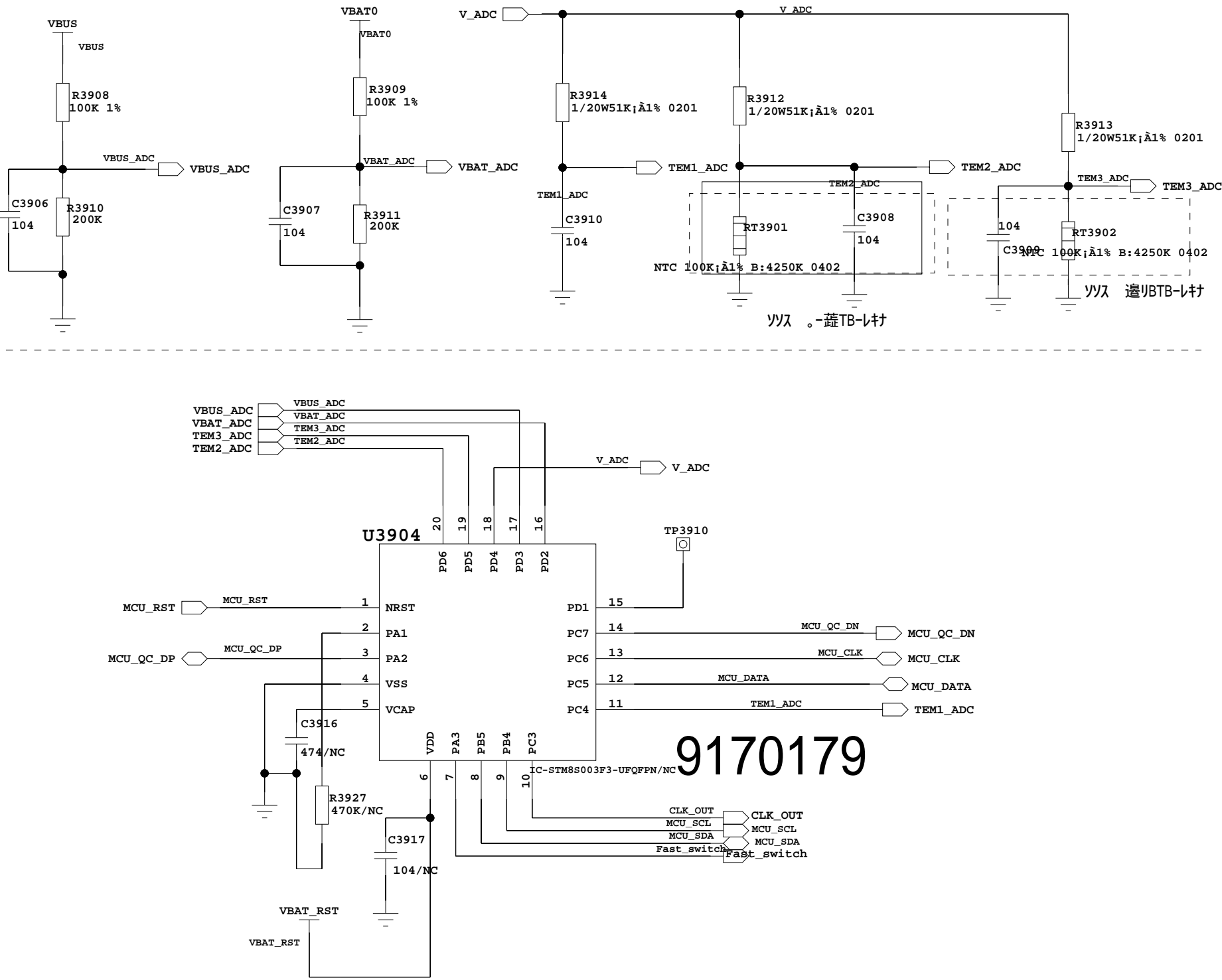


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Drawn By			Draw No: 15011	
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Standard By				
Approved By				

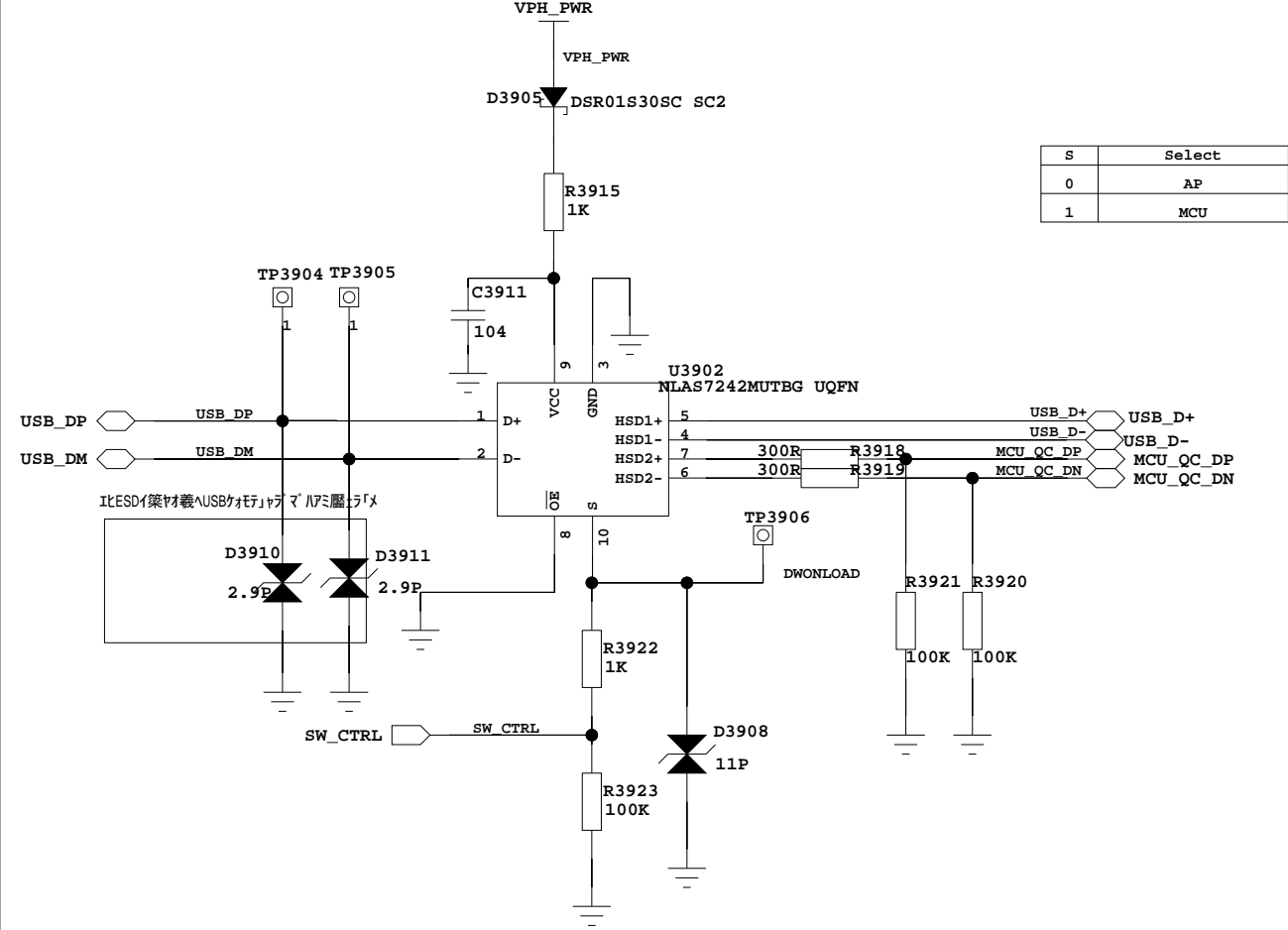
FAST CHARGE



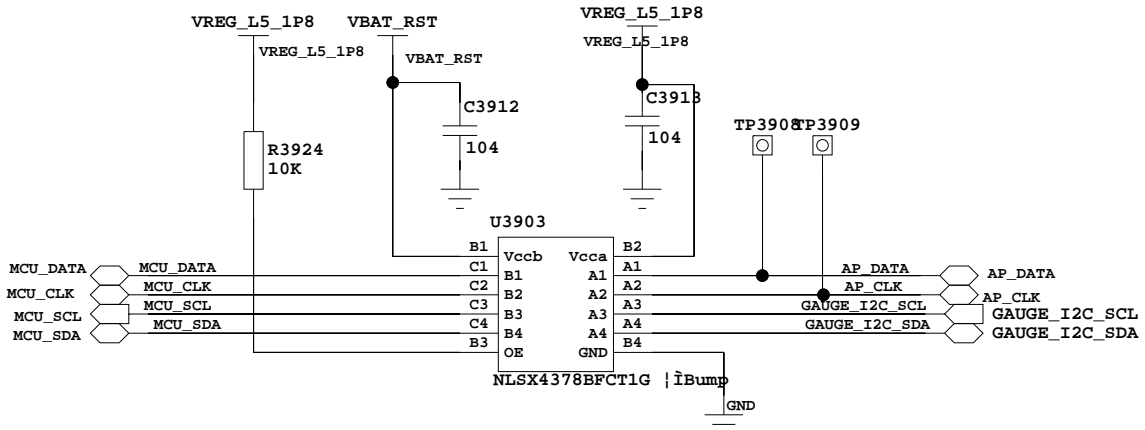
ADC,温度センサ



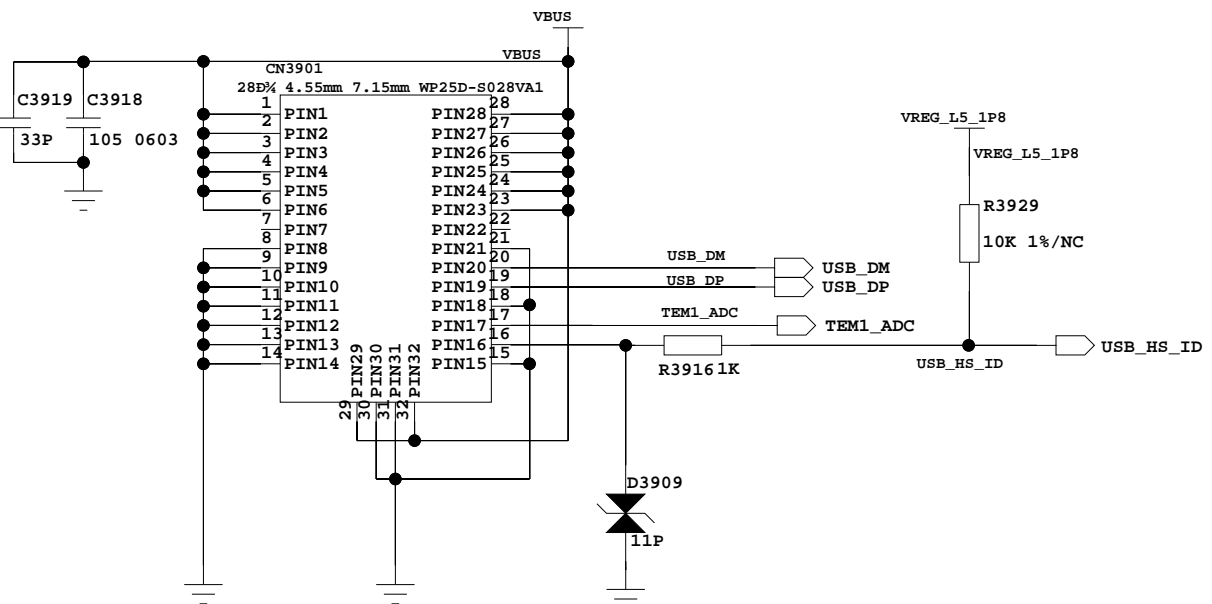
USBコネクタ



電源管理IC



Fast charger CONN



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Drawn By			Draw No: 15011
Checked By			Sheet of 30 Ver:
Standard By			oppo
Approved By			

