

A

B

C

D

E

F

A

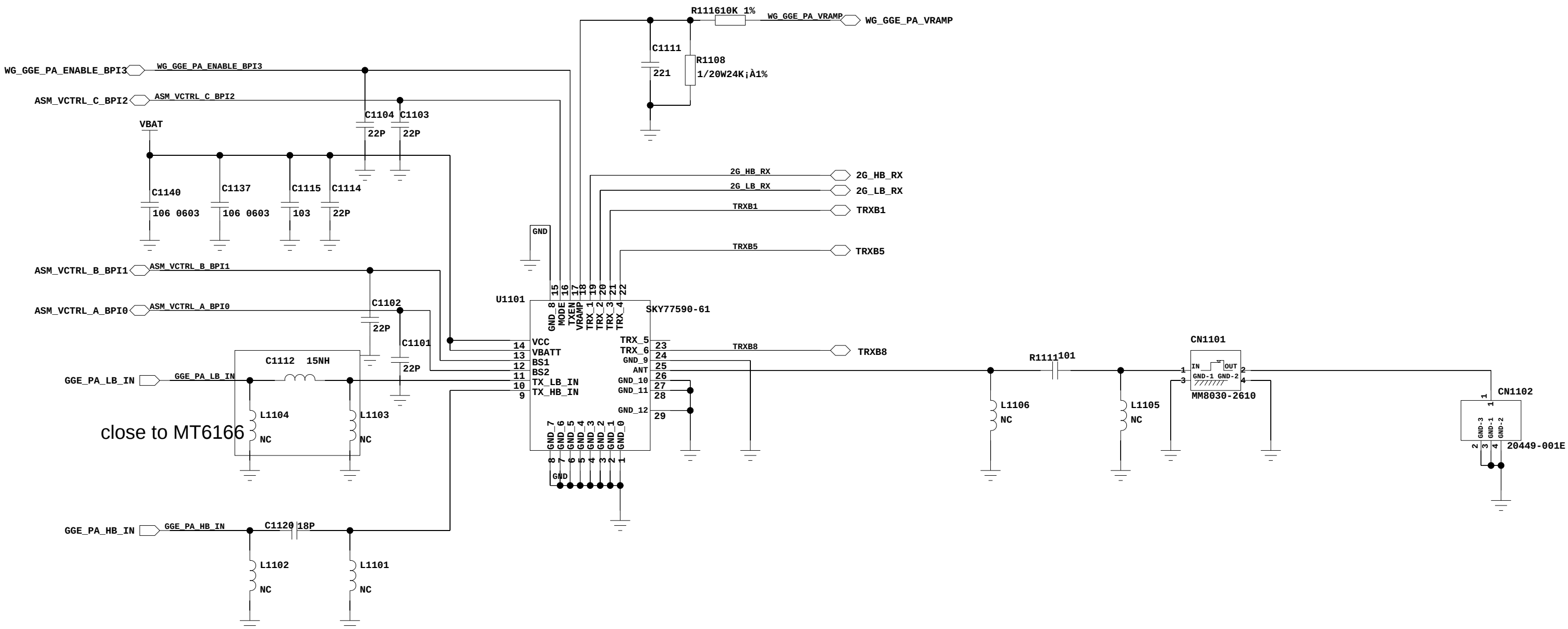
B

C

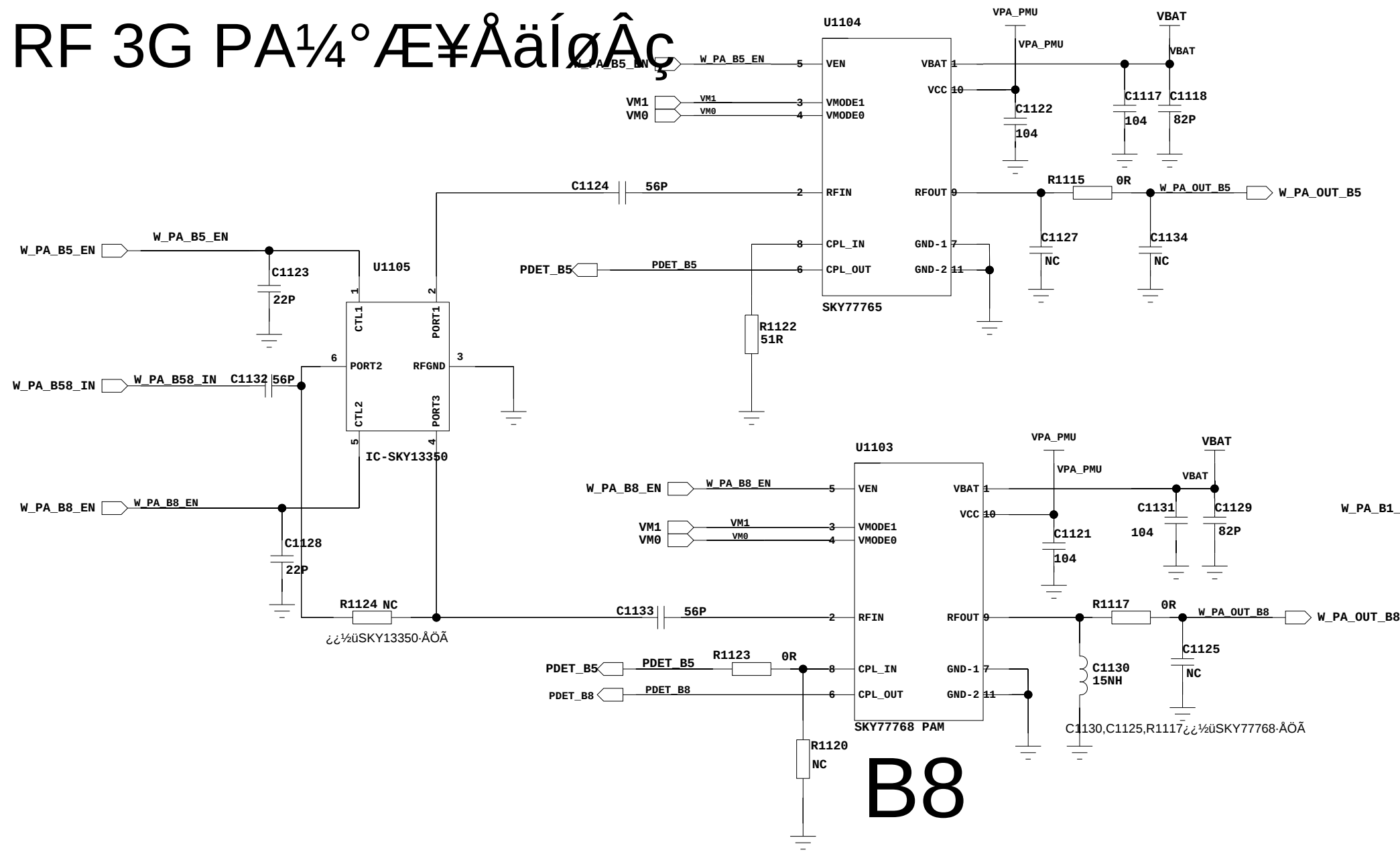
D

E

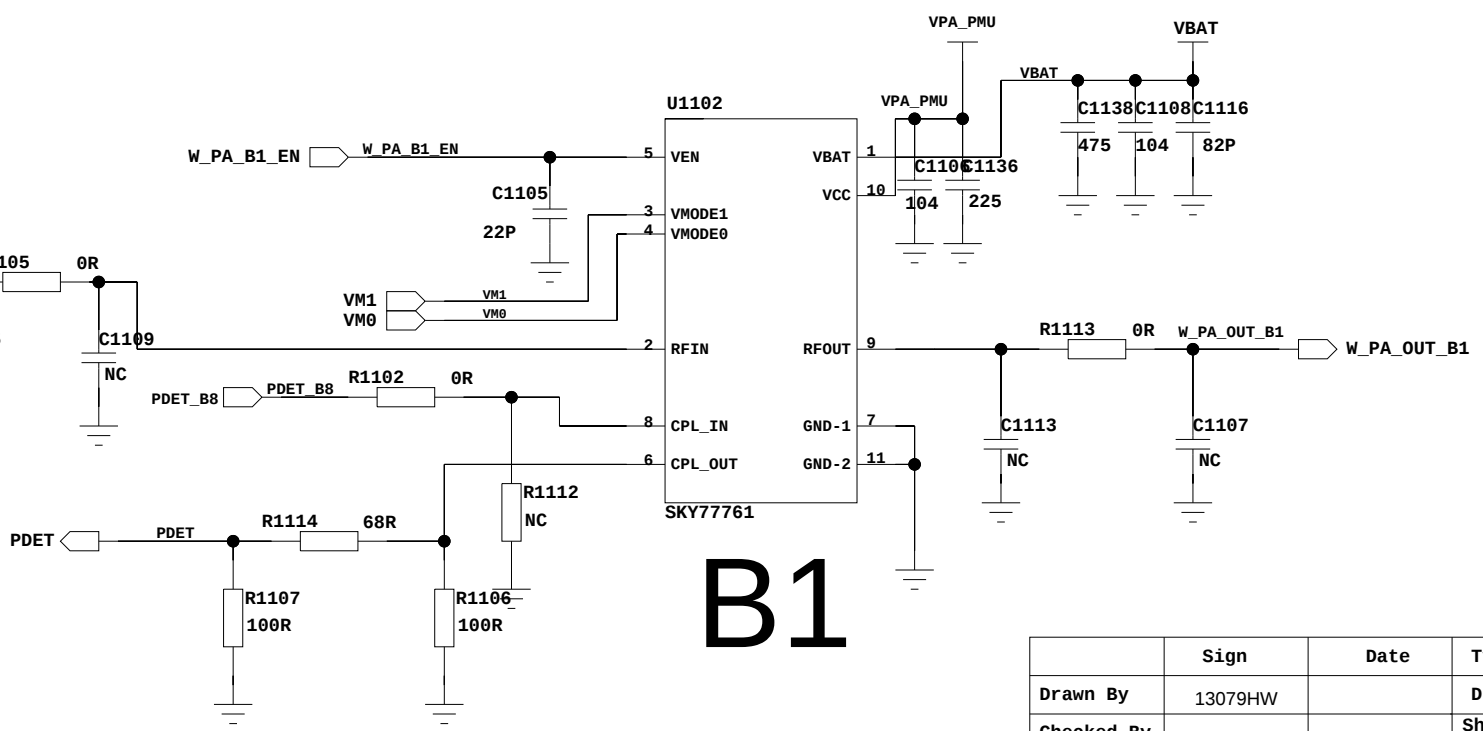
F



B5



B1



	Sign	Date	Type: 13079
Drawn By	13079HW		Draw No: 11_RF_PA
Checked By			Sheet of 13 Ver:
Standard By			oppo
Approved By			

A

B

C

D

E

F

A

B

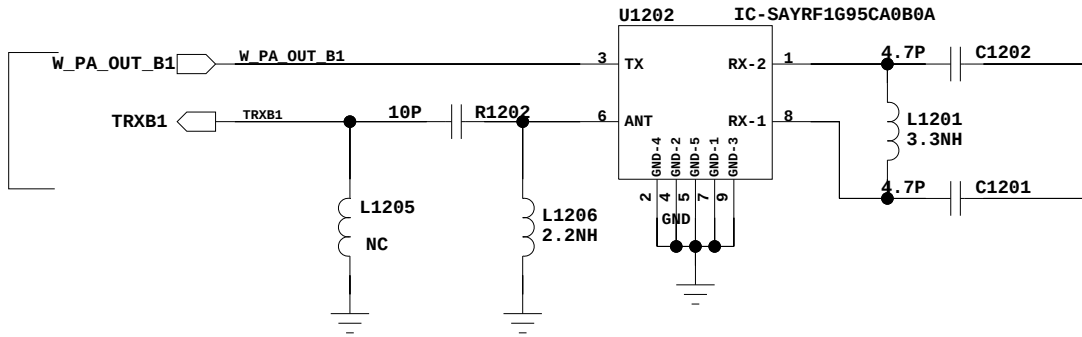
C

D

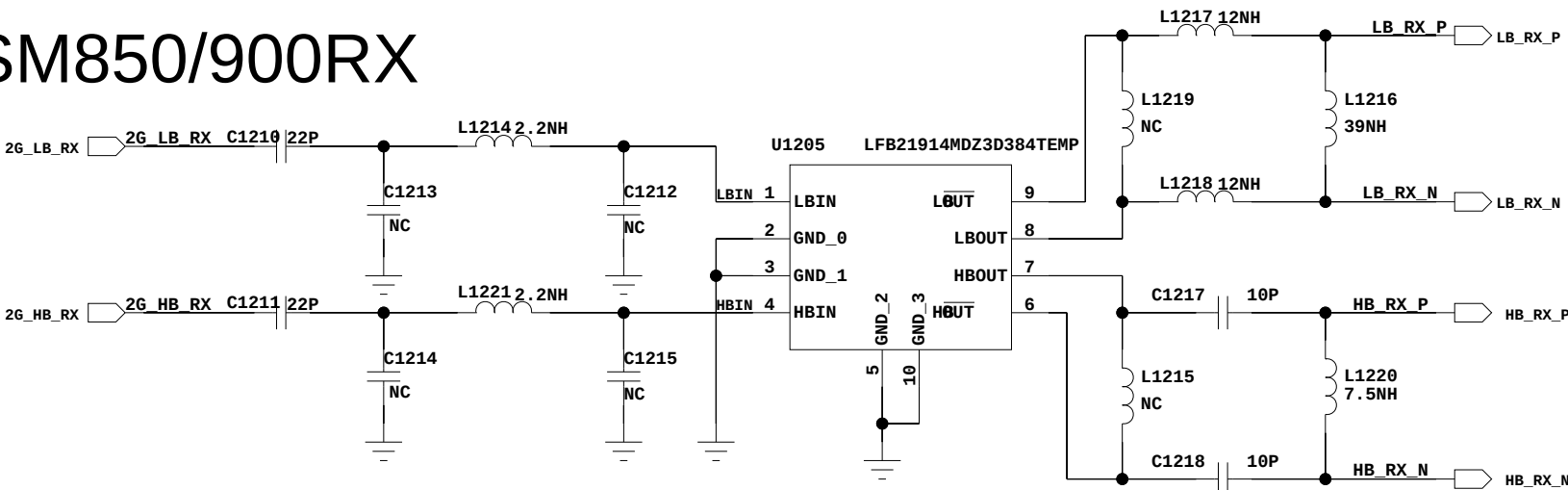
E

F

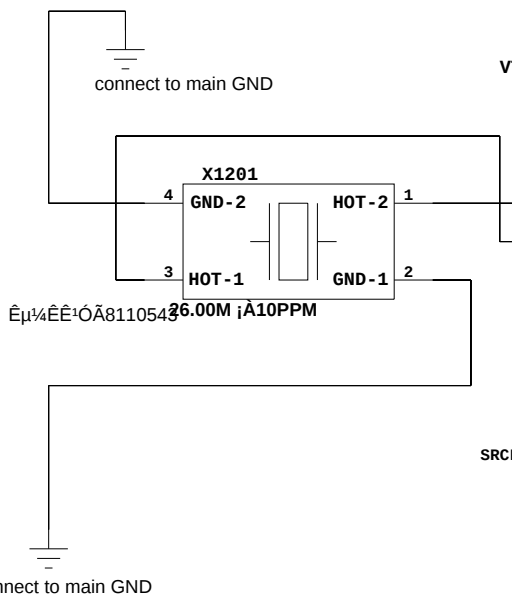
WCDMA B1



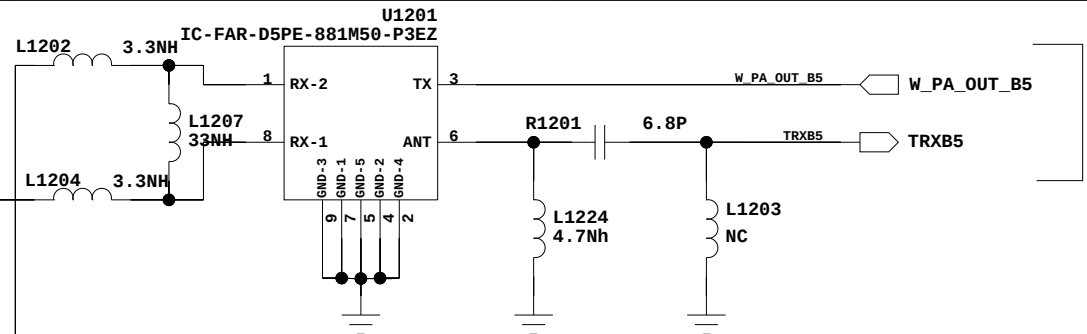
GSM850/900RX



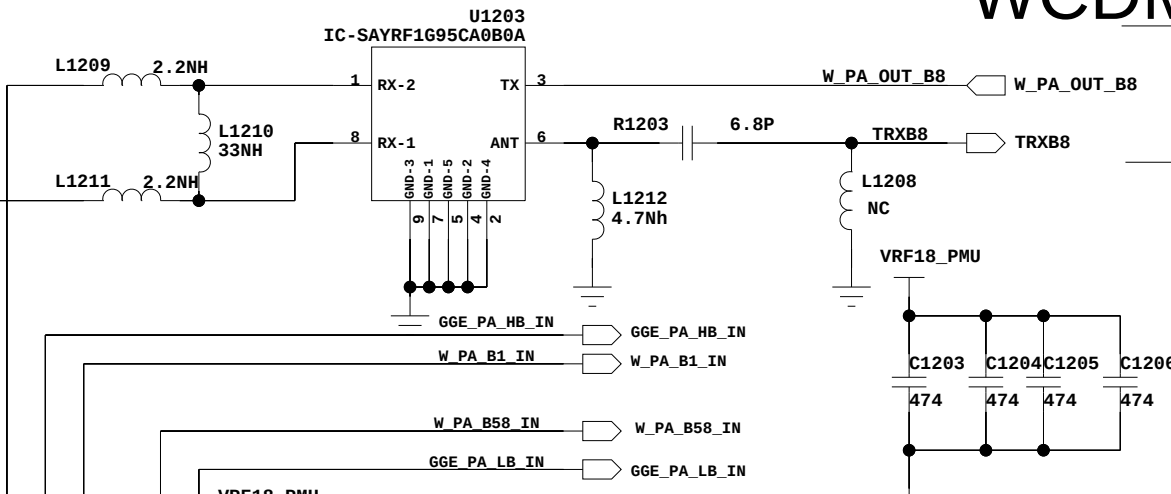
DCS1800/PCS1900RX/B34/B39



WCDMA B5



WCDMA B8



close to MT6166

Connect TSX/XTAL GND to GND_AUXADC first than connect to main GND

Route AUXADC_REF/AUXADC_TSX as differential trace with well GND shielding and route AUXADC_GND with 24mil trace width under AUXADC_TSX/AUXADC_REF trace to provide return current path.

Two Application Circuit Conditions,

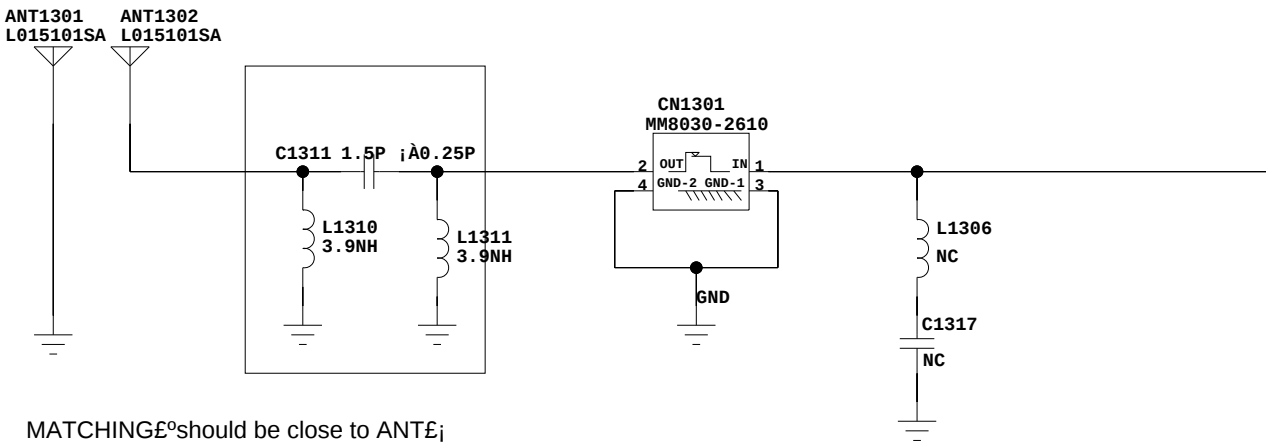
- 1.TSX Circuit : X600=TSX, R653=R656=NC, R654=100K+-1%, R655=R657=0ohm
- 2.XTAL Circuit :X600=Mobile XTAL, R653=R656=0ohm, R654=R655=R657=NC

MODE	Logic	DCXO 32K_EN	XMODE	VXODIG
VTCXO		0(GND)	0(GND)	1(VIO18)
DCXO + 32K XO		0(GND)	1(VIO18)	1(VIO18)
DCXO + 32K-Less		1(VTXCO28)	1(VTXCO28)	1(VTXCO28)

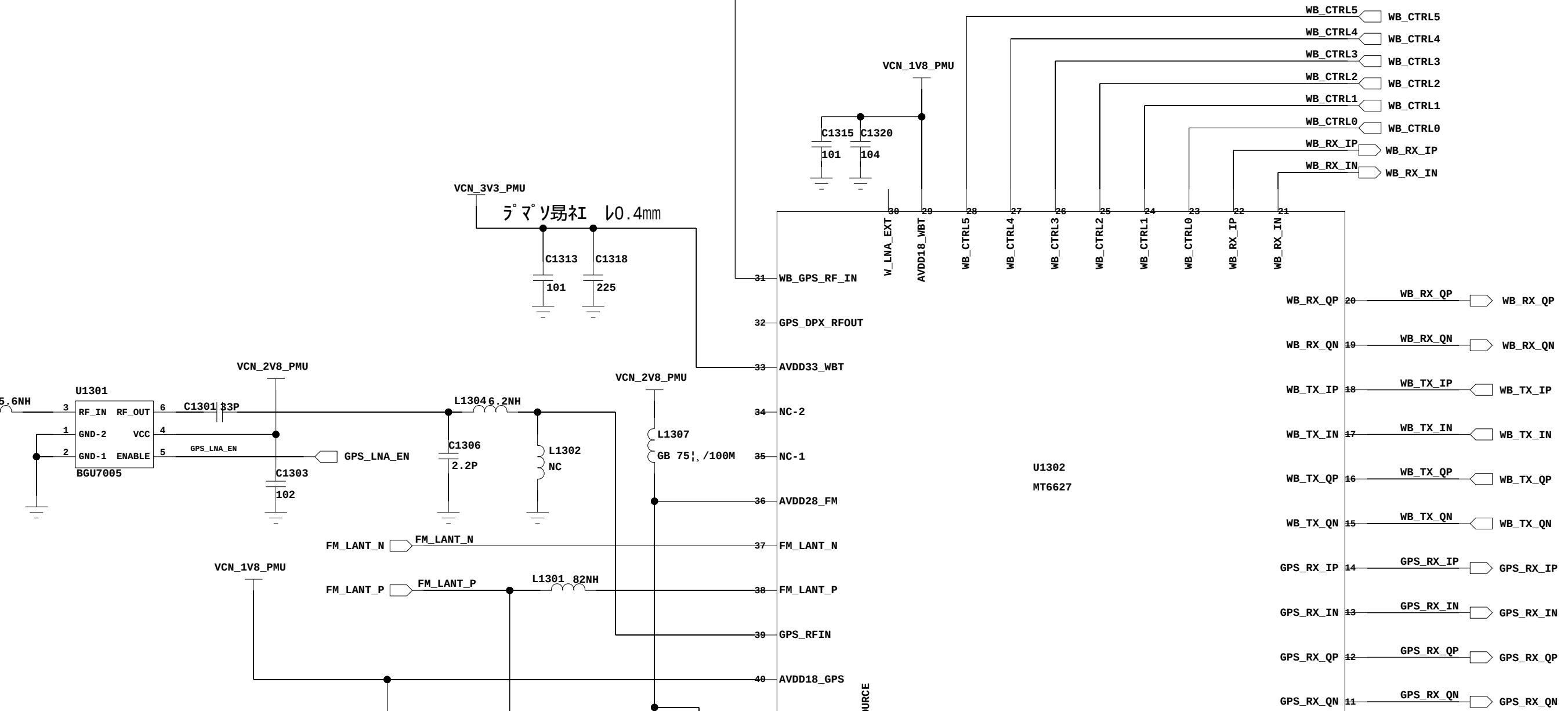
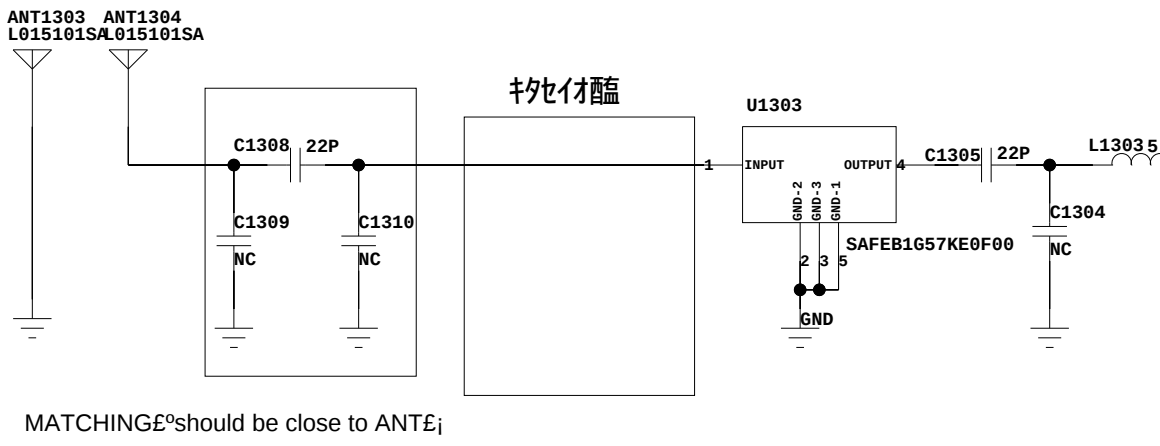
	Sign	Date	Type: 214013-SA
Drawn By			Draw No: 214013-SA 12_MT6166
Checked By			Sheet 122_MT6166.3 Ver:
Standard By			
Approved By			

oppo

WIFI/Bluetooth

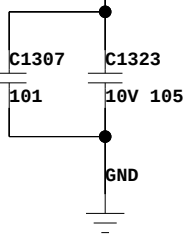
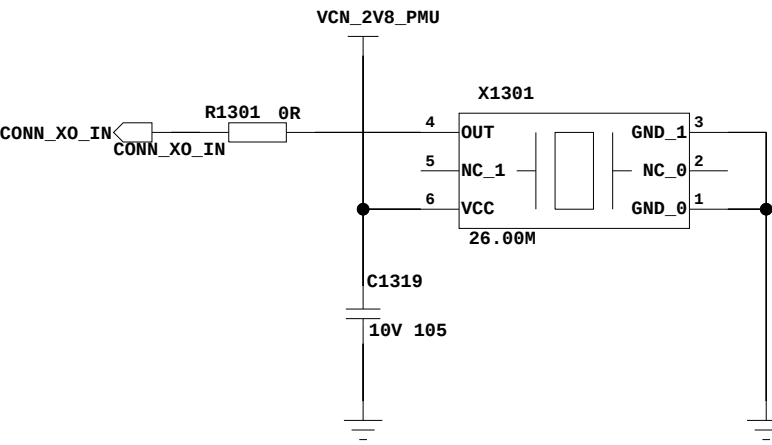


GPS



GPS, WB_TX, WB_RXは、アンテナの位置を
- リ、ネ、リ、マ、シ、エ、ア、マ、リ

PMUの、コ、ネ、ク、エ、ハ、オ、ケ、ル、ミ、マ、ホ、マ、



	Sign	Date	Type: 214013-SA
Drawn By			Draw No: 13_MT6627_WIFI+BT+GPS+FM
Checked By			Sheet 13 of Ver: 0.0
Standard By			oppo
Approved By			

A



E

F



A

B

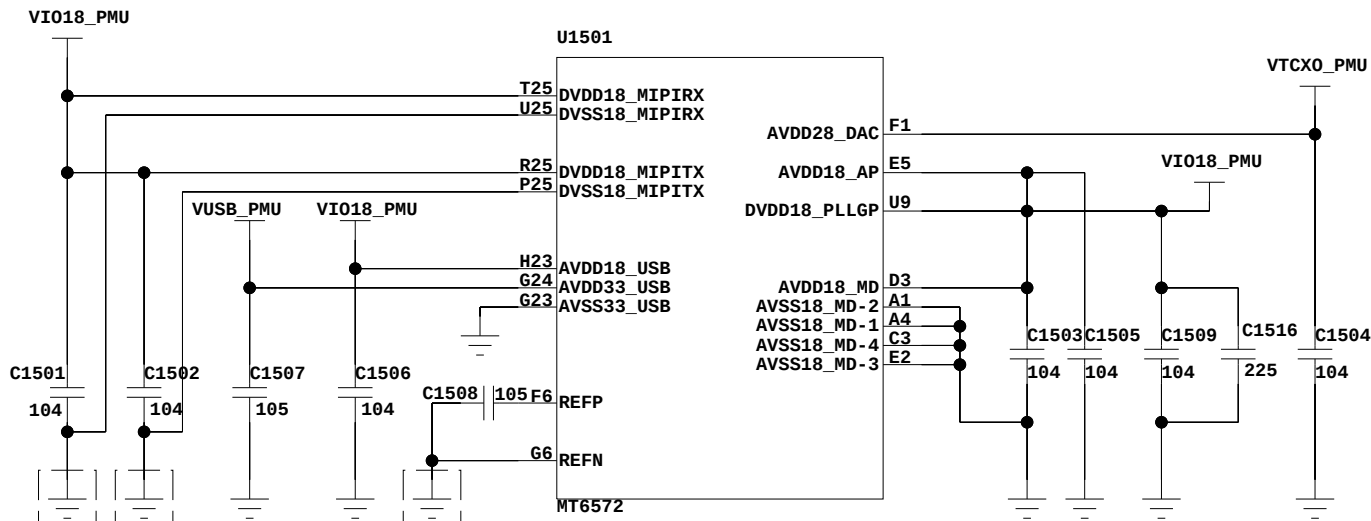
D

E

F

MT6572 TO MT6627

MT6572 TO MT6166/PA



cap Close to BB

dedicate VSS ball, must return to cap then to main GND:
1. REFN(G6) => C1508
2. DVSS18_MIPIRX(U25) => C1501
3. DVSS18_MIPITX(P25) => C1502

cap Close to BB

KCOL0E^{no}no-timeout Download Select.(Input),
pull-low when powerup to enter download

MT6572 support JTAG from below :
1. KP (recommand)
2. MC1
3. CAM
for JTAG pin out from MC1/CAM, refer to HW design notice

LCD+CAMERA 1/2

NAND&DDR 1/2

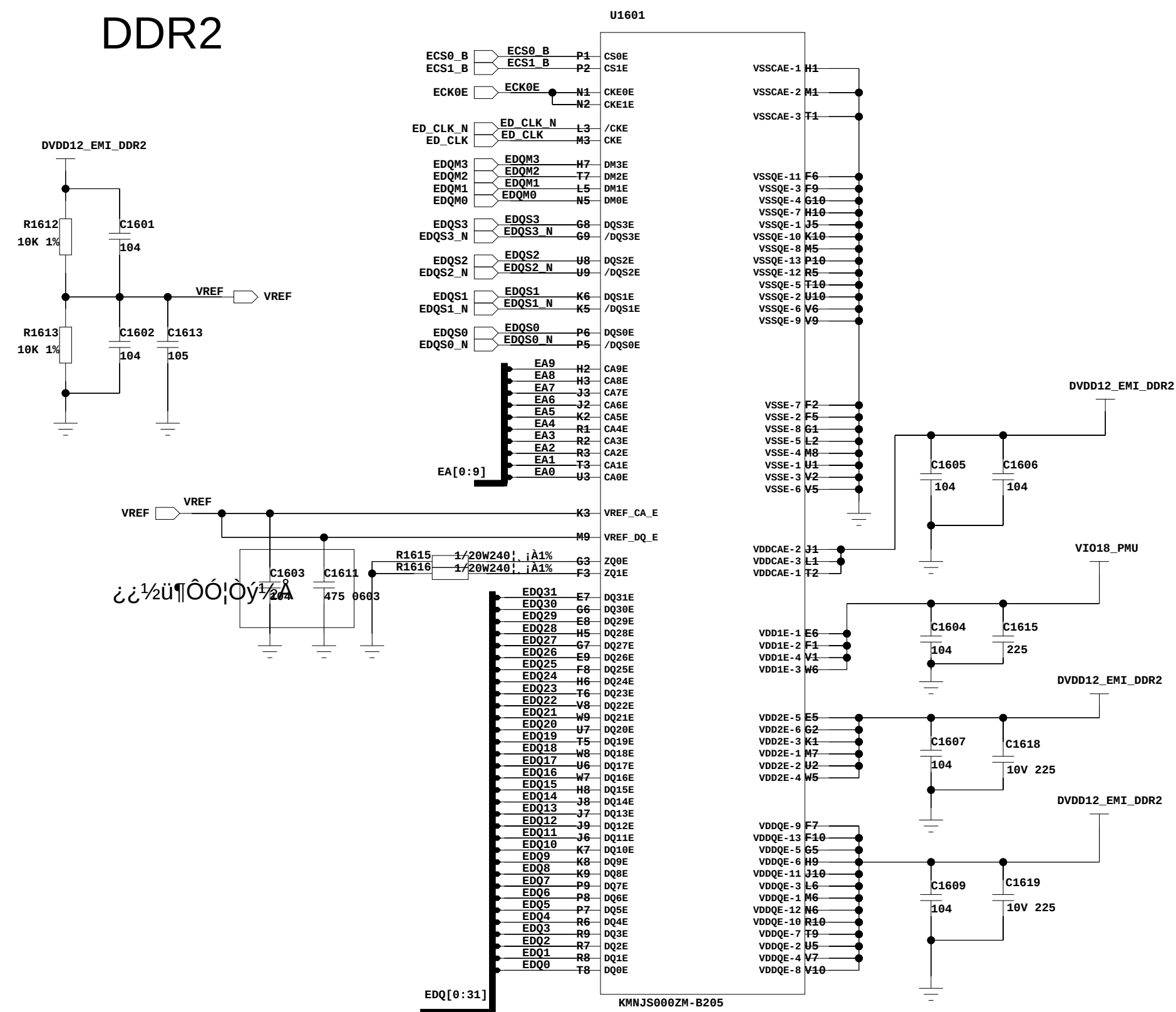
MSDC1 FOR TF-CARD

MSDC0 For eMMC

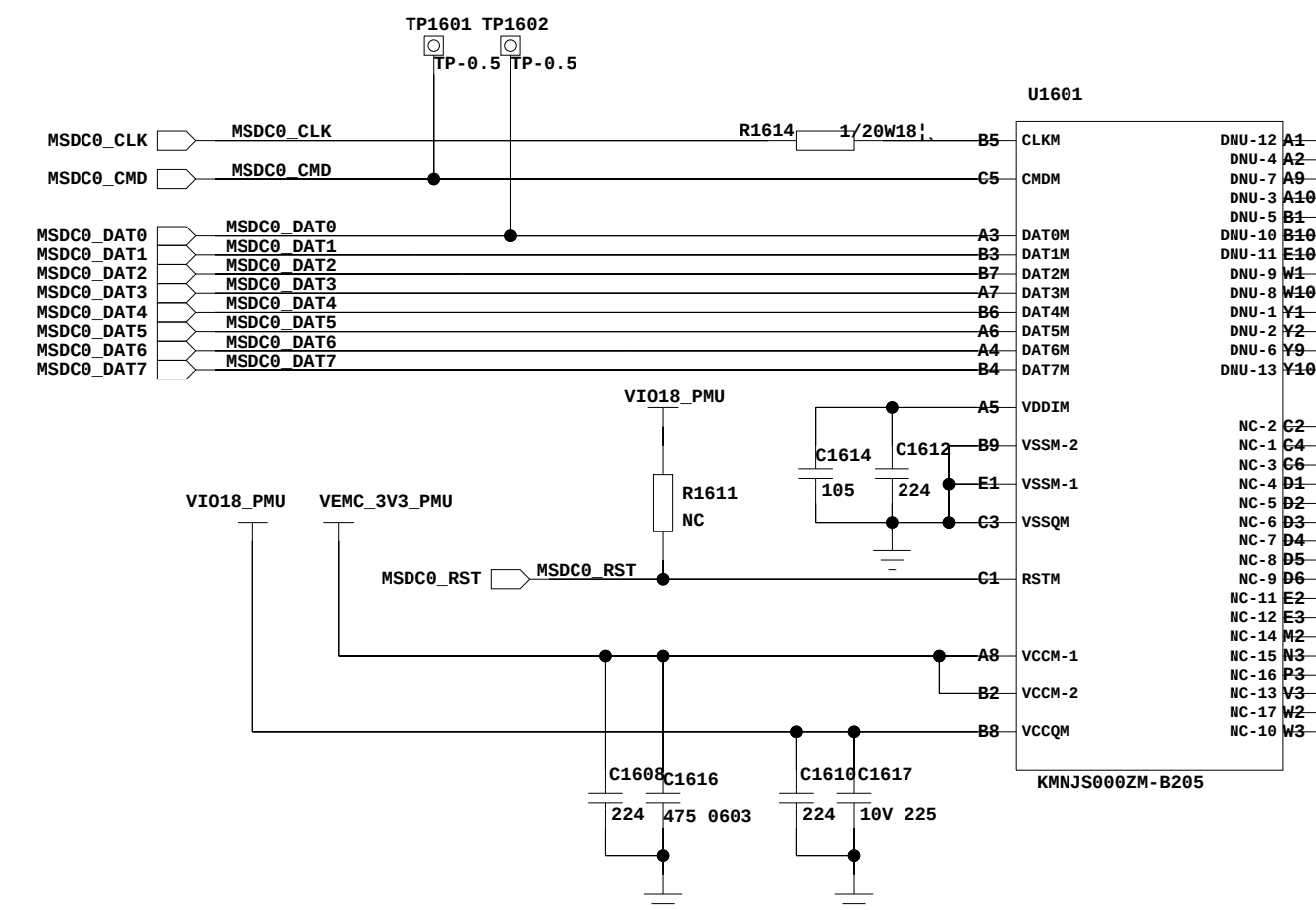
	Sign	Date	Type: 214013-SA
Drawn By			Draw No:15_MT6572_BASEBAND
Checked By			Sheet of 13 Ver: 0.0
Standard By			
Approved By			

oppo

DDR2

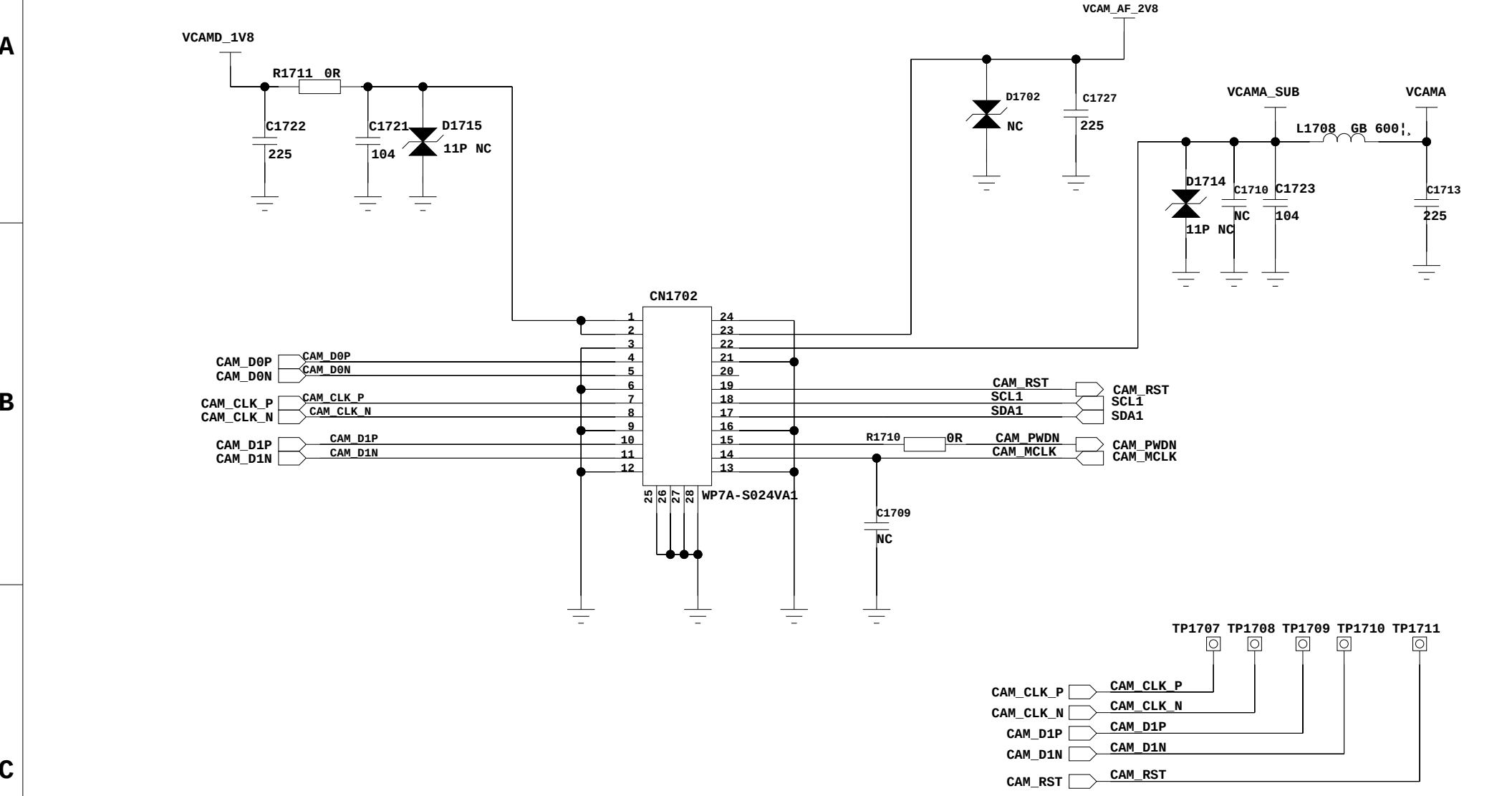


EMMC

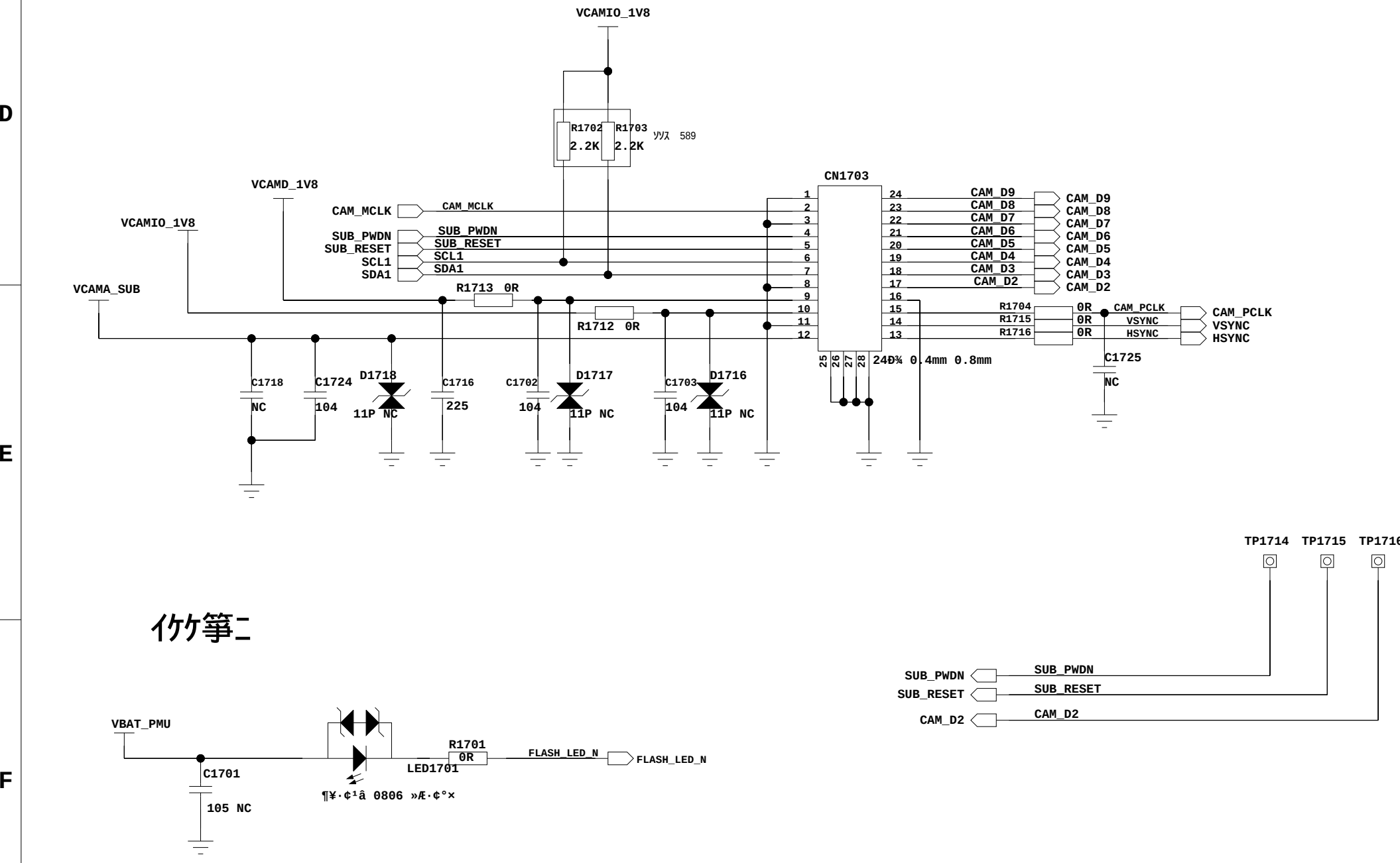


	Sign	Date	Type: 214013-SA
Drawn By			Draw No:16_EMMC MCP
Checked By			Sheet of 13 Ver: 0.0
Standard By			
Approved By			

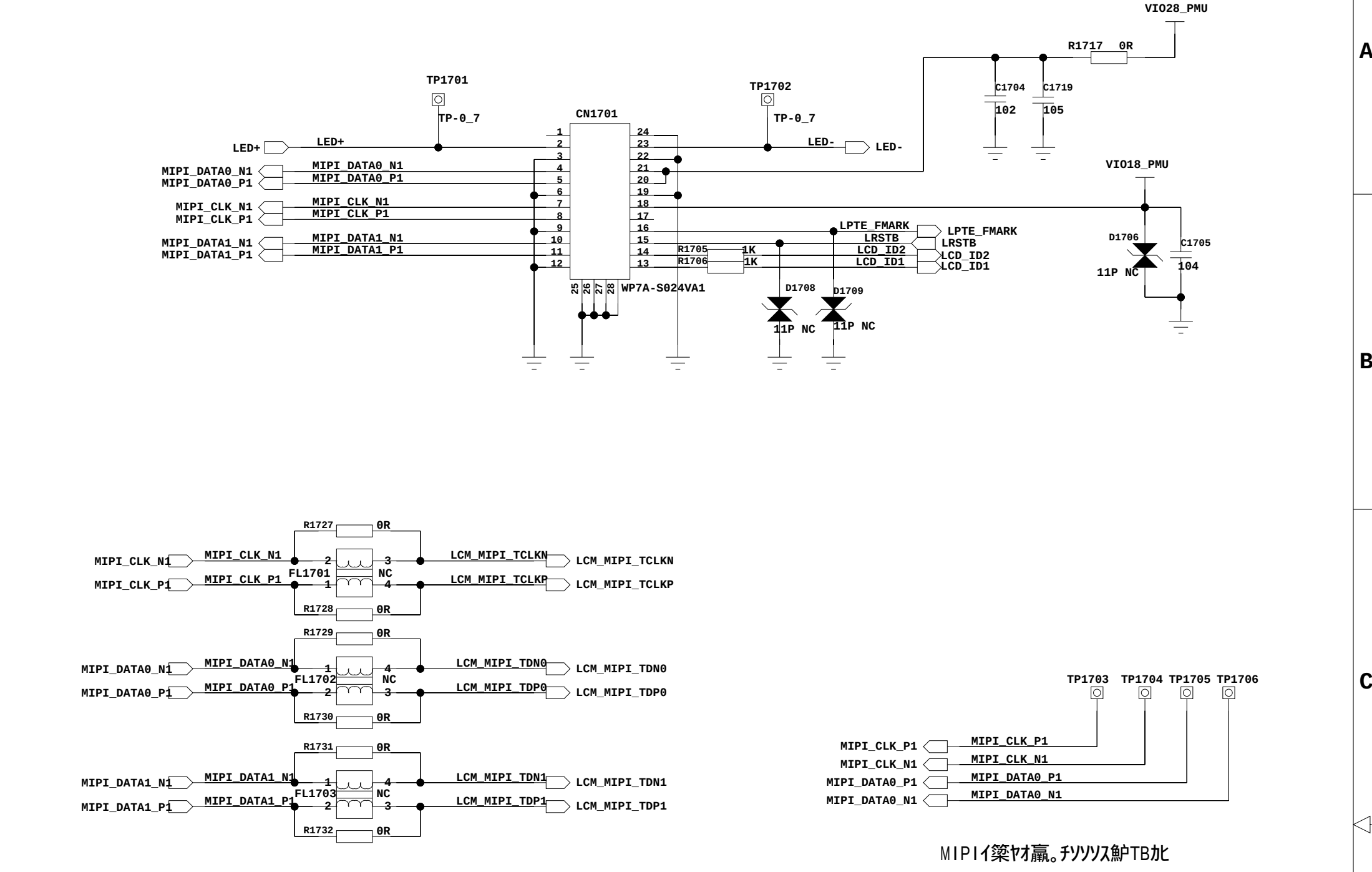
CAMERA



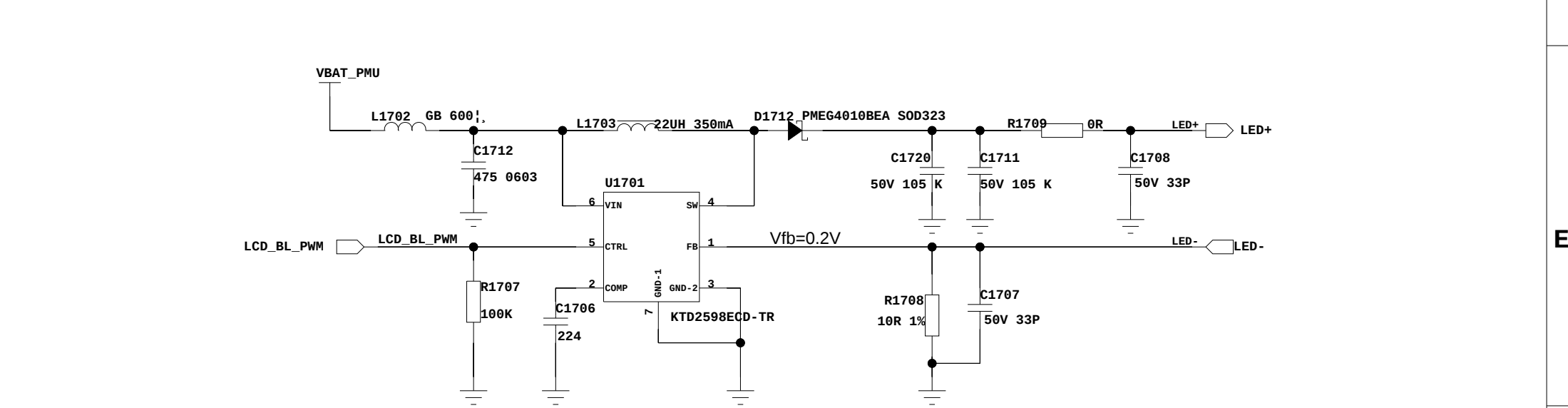
SUB Cam 2M



LCD Interface

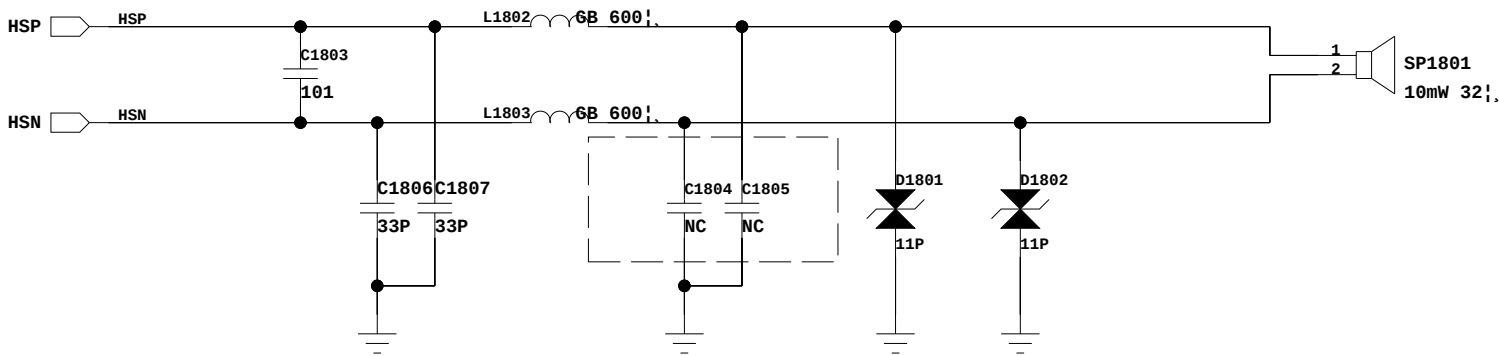


LCD BACKLIGHT

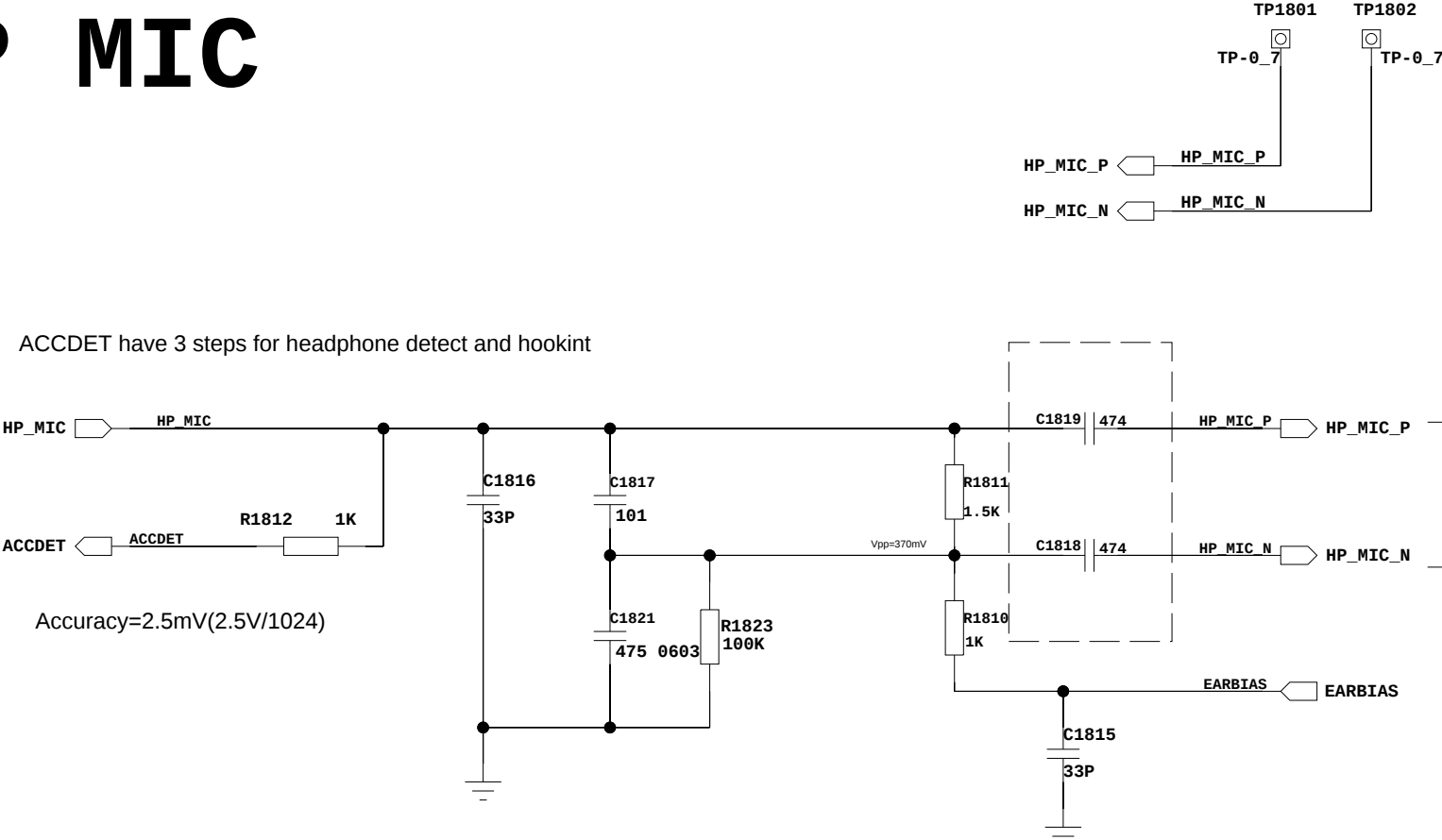


	Sign	Date	Type: 214013-SA
Drawn By			Draw No17_LCD-INTERFAC+CAMERA+F-LED
Checked By			Sheet of 13 Ver:
Standard By			oppo
Approved By			

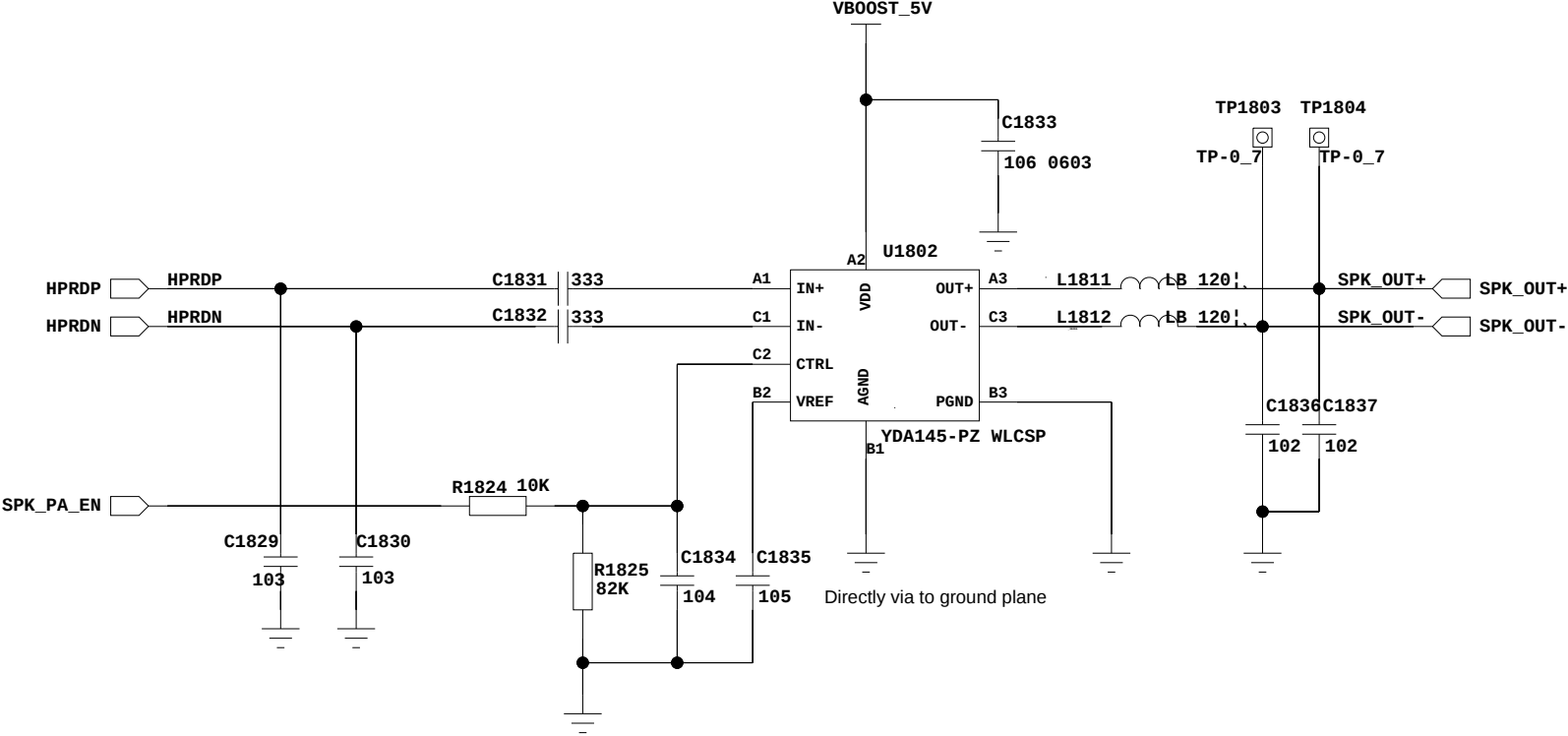
Receiver



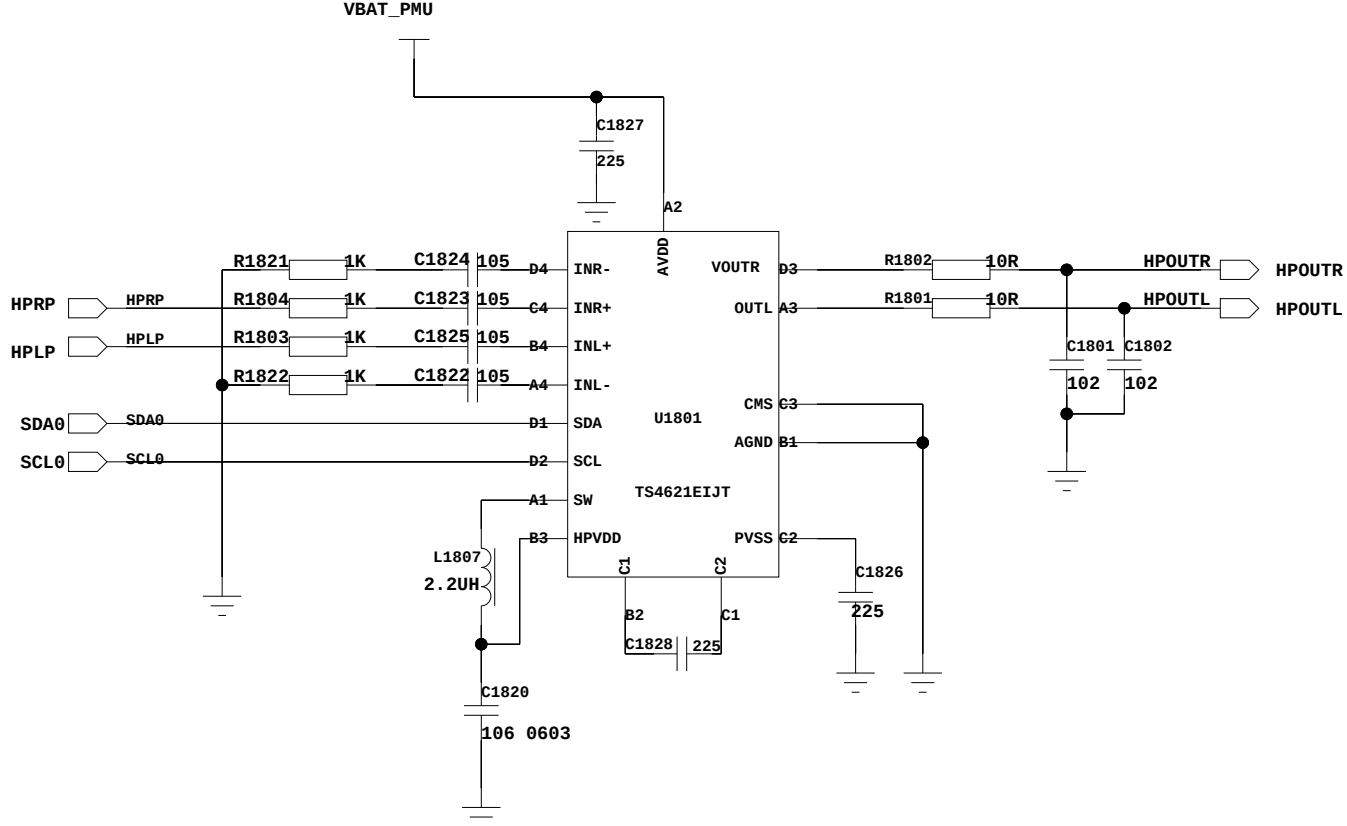
HP MIC



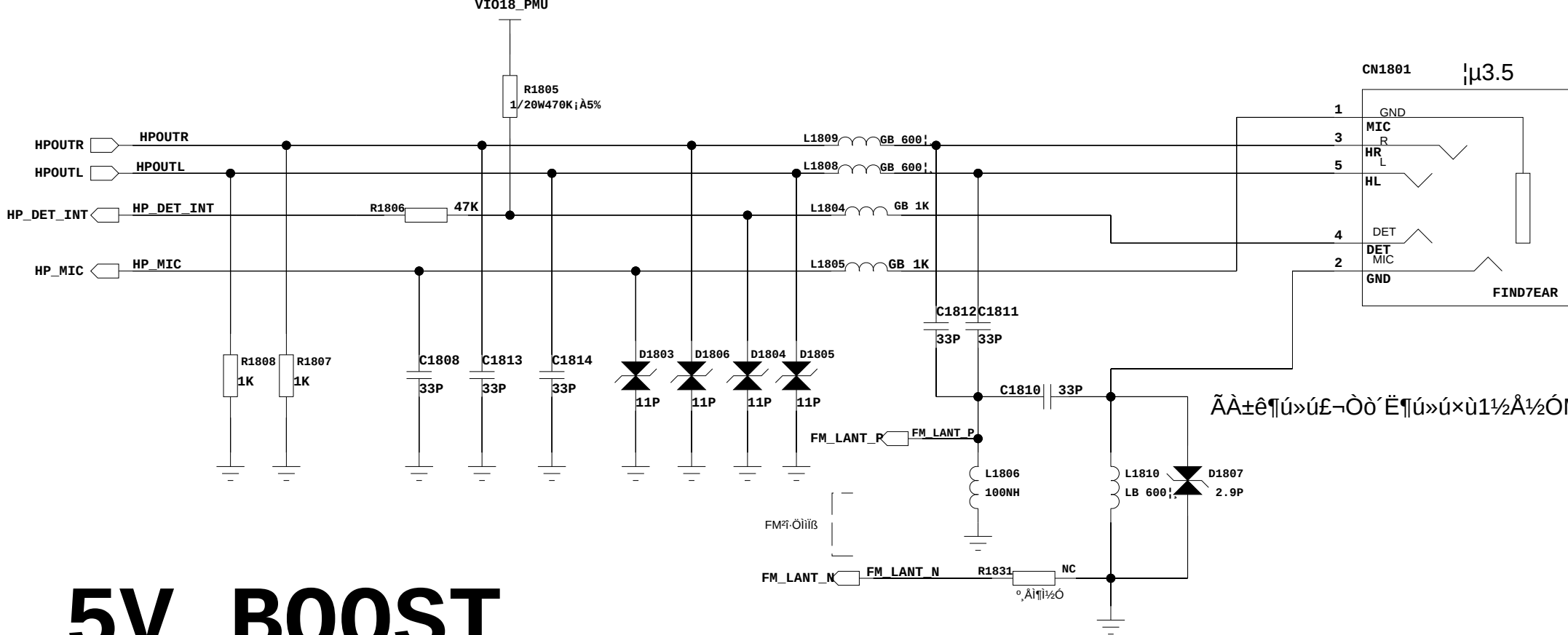
Loud Speaker



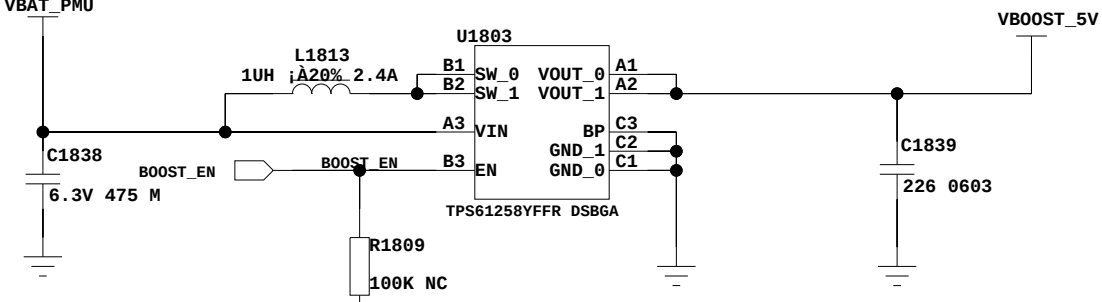
TPÚ·Å



TPÚ»Ú×Ù

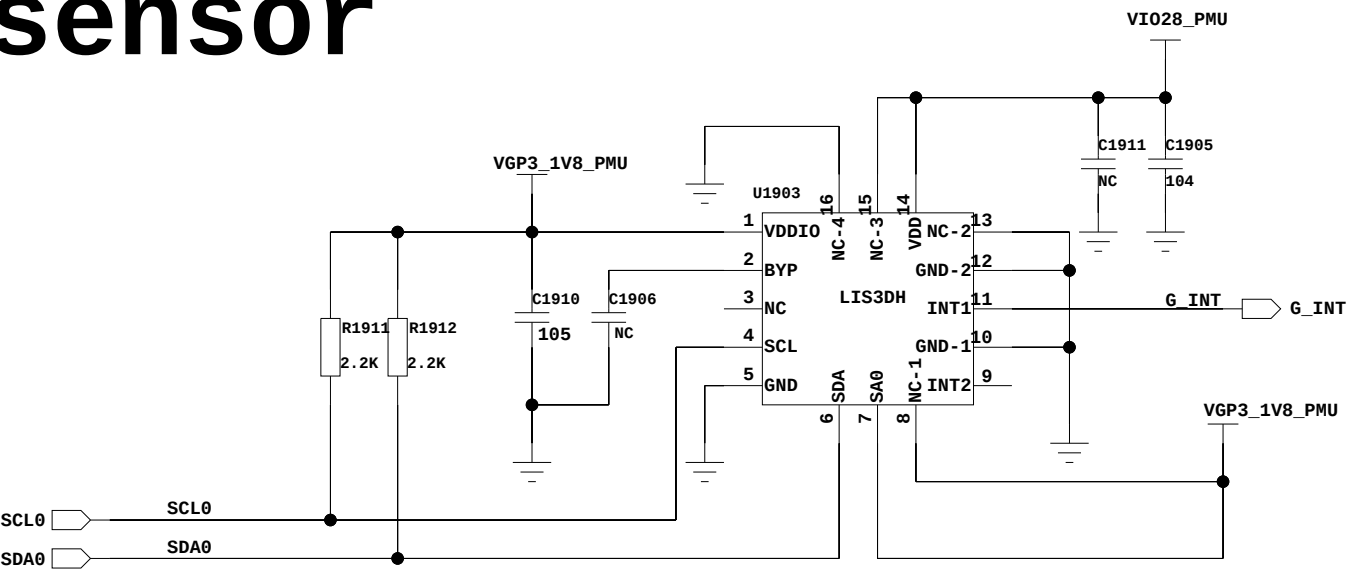


5V BOOST

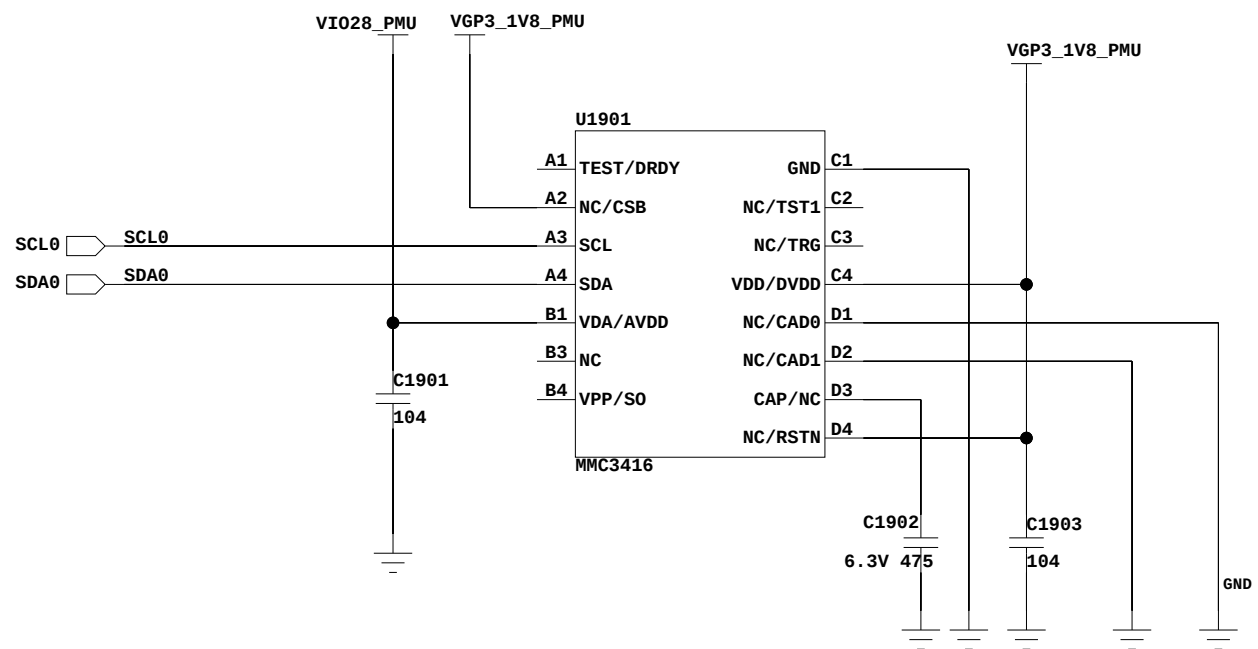


	Sign	Date	Type: 214013-SA
Drawn By			Draw No: 18_AUDIO
Checked By			Sheet of 13 Ver:
Standard By			oppo
Approved By			

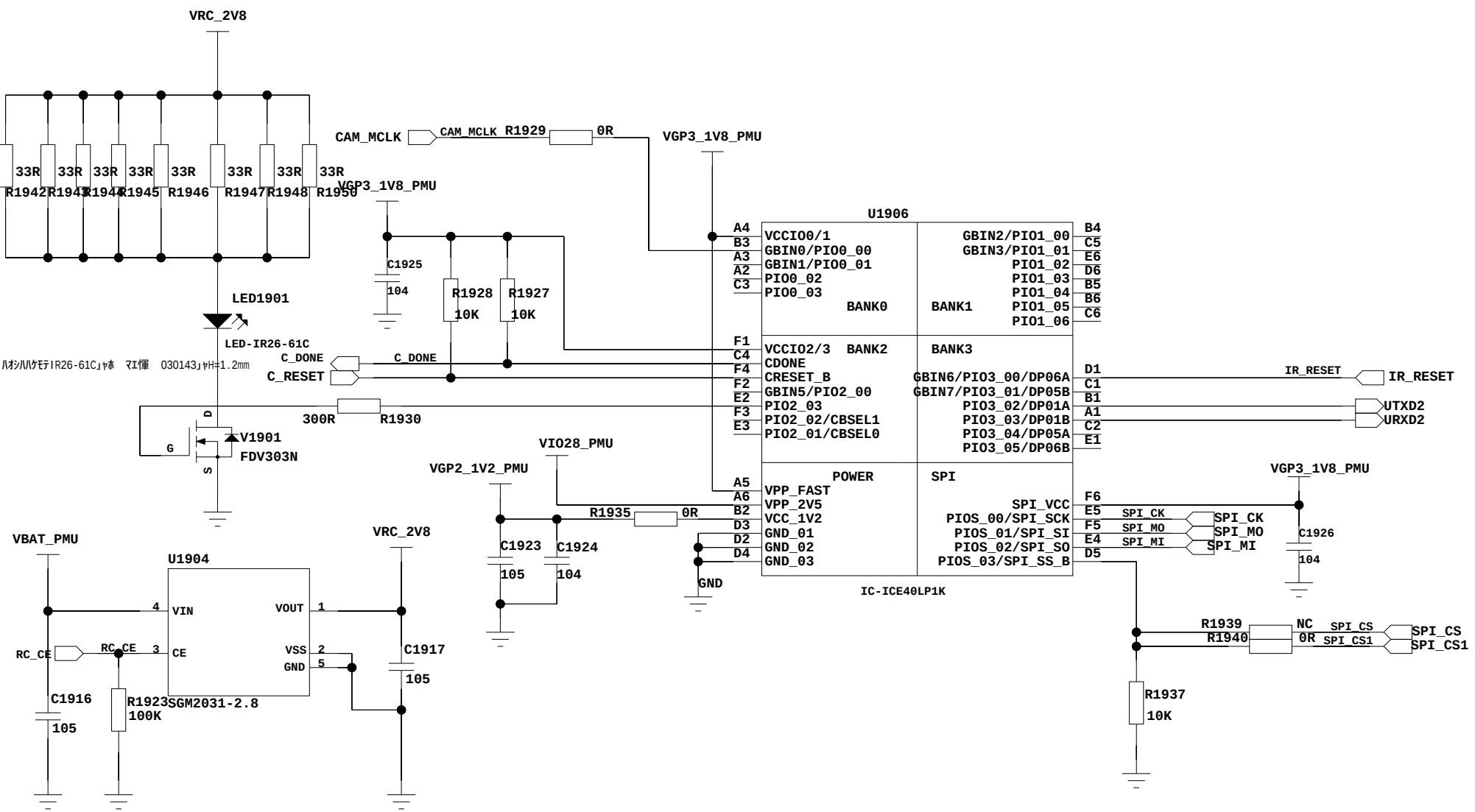
G- sensor



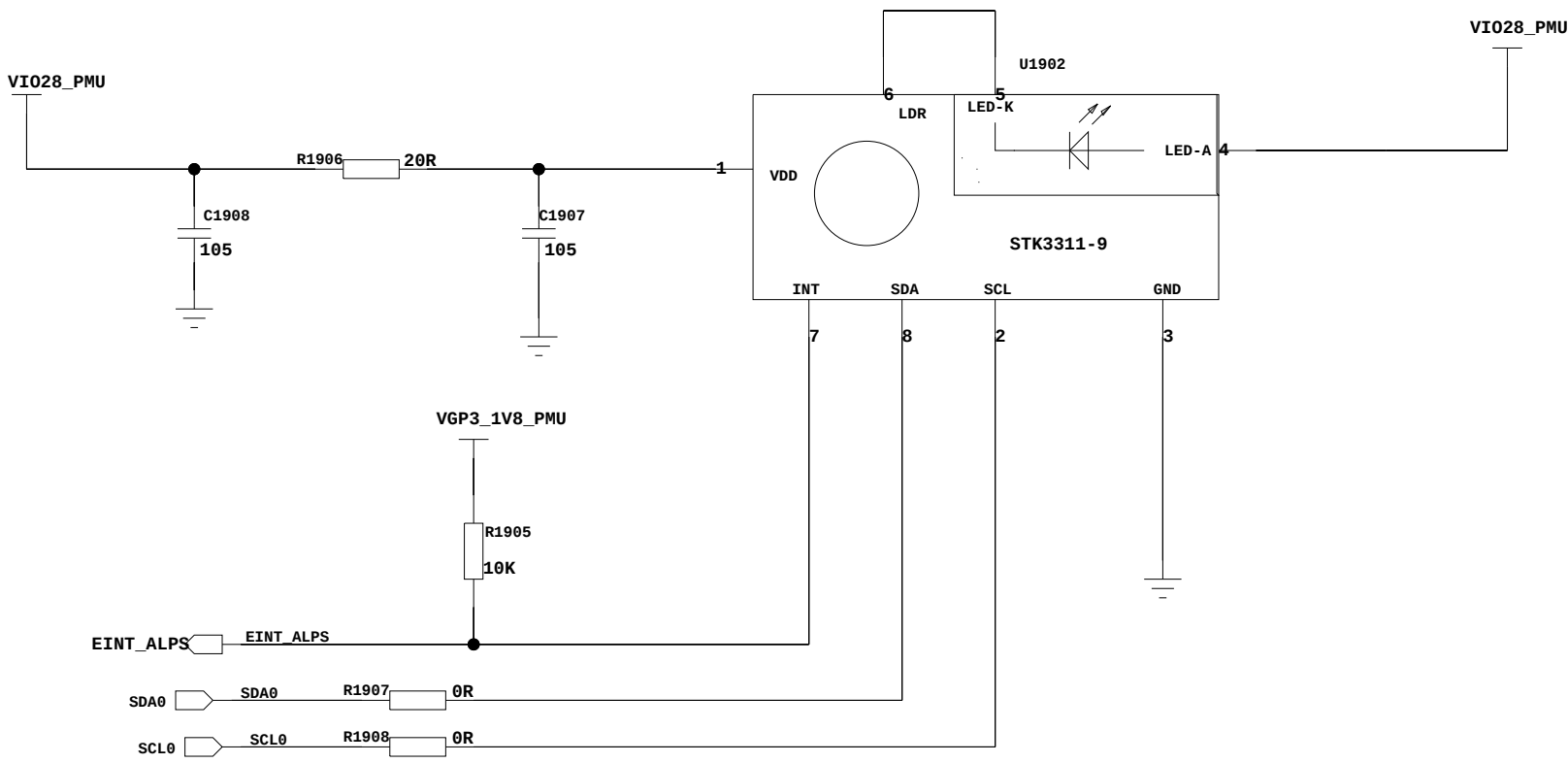
M- sensor



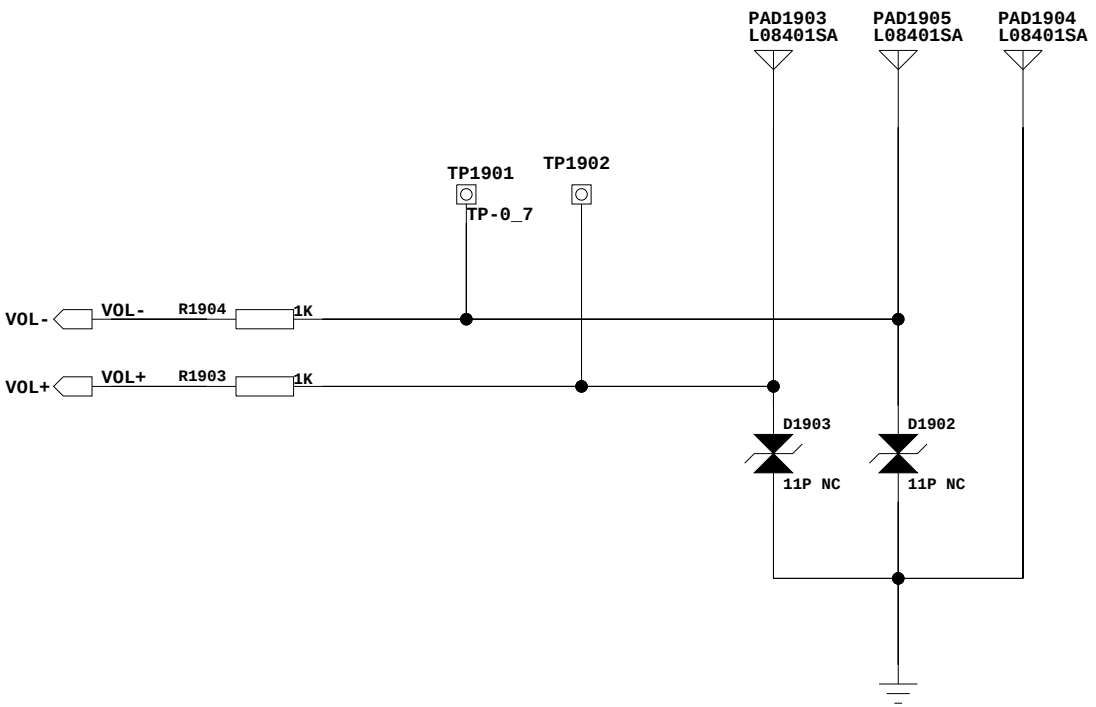
Remote Control



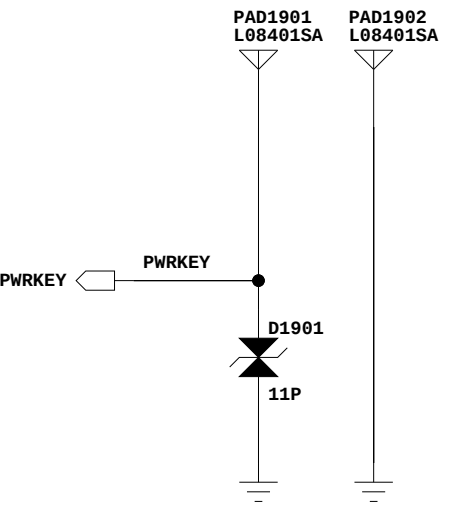
A.L.S.+P.S sensor module & indicator LED



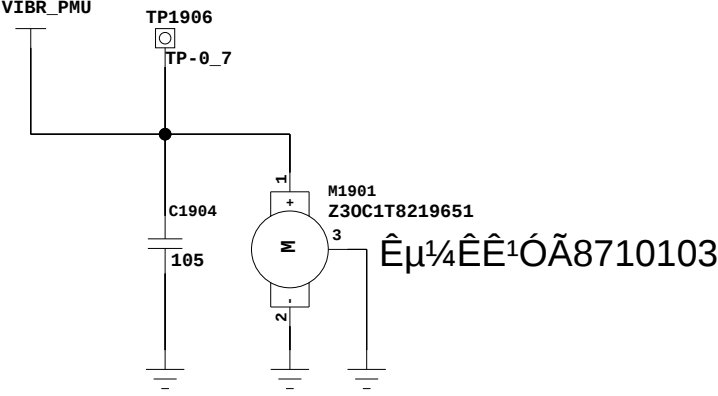
VOL+/- KEY



POWER KEY

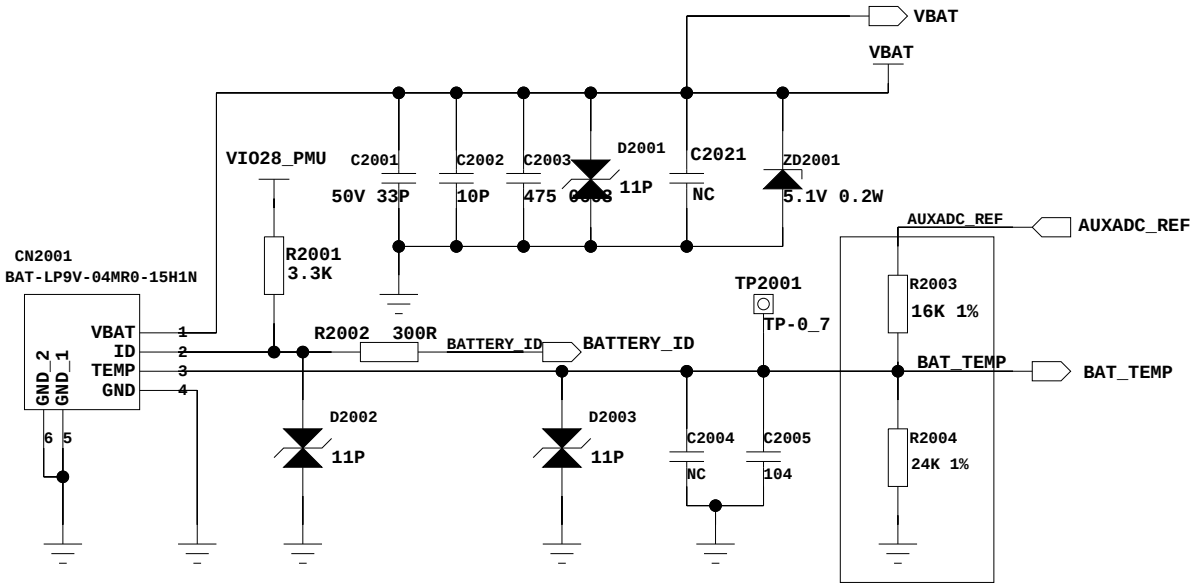


MOTOR



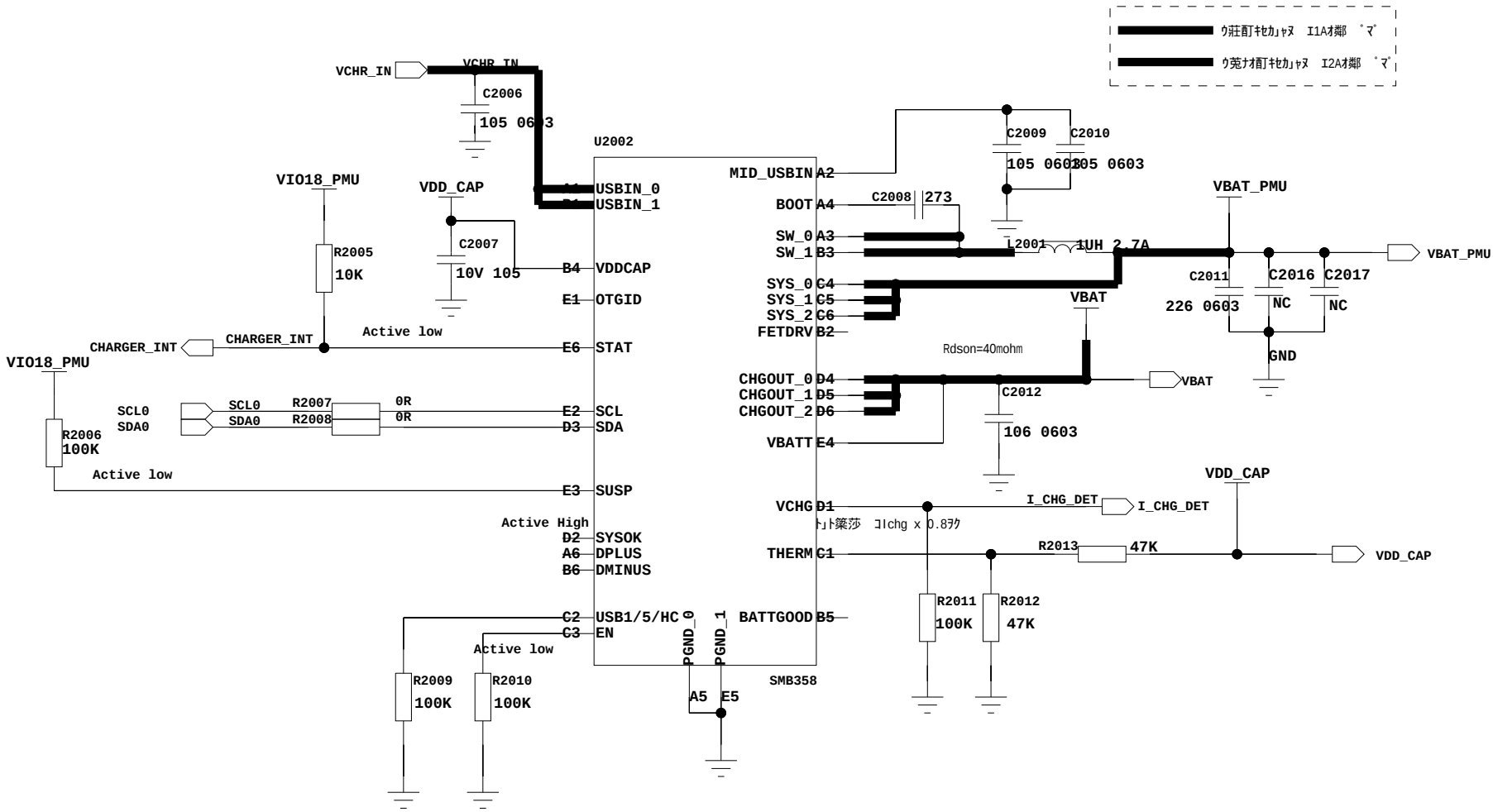
	Sign	Date	Type: 214013-SA
Drawn By			Draw No:19_SENSOR+KEY+MOTOR
Checked By			Sheet of 13 Ver:
Standard By			oppo
Approved By			

BT_CN



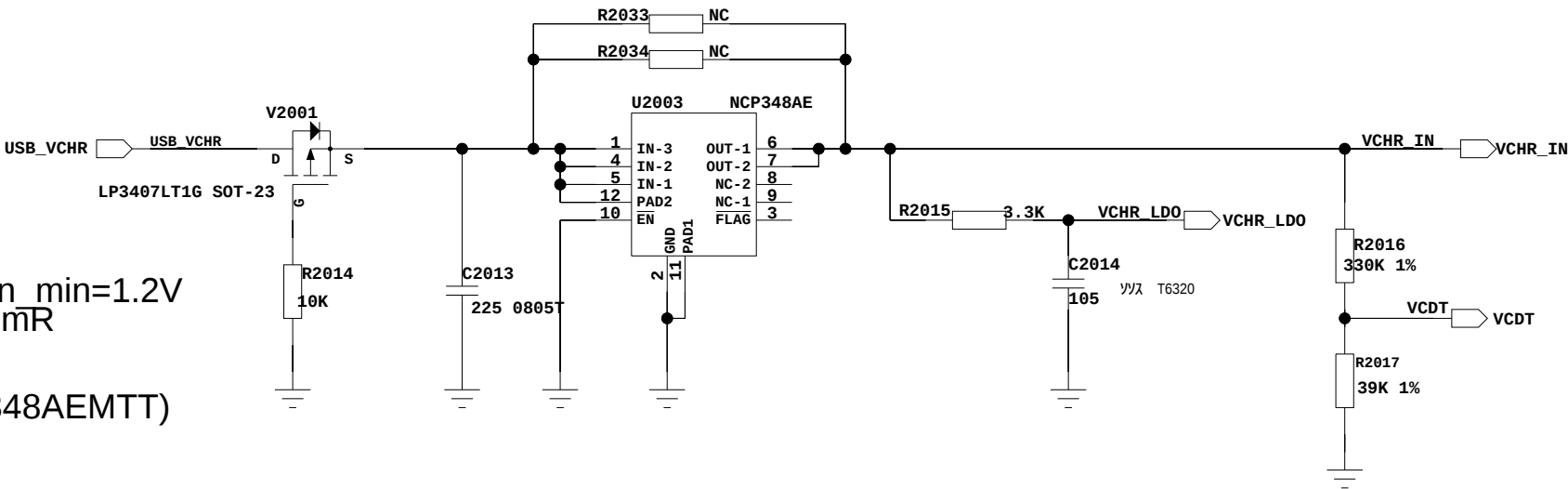
R2003,R2004 close to PMIC
If battery NTC is 10k; R2003=16.9k,R2004=27k
If battery NTC is 47k; R2003=61.9k,R2004=100k

Circuit of Charge

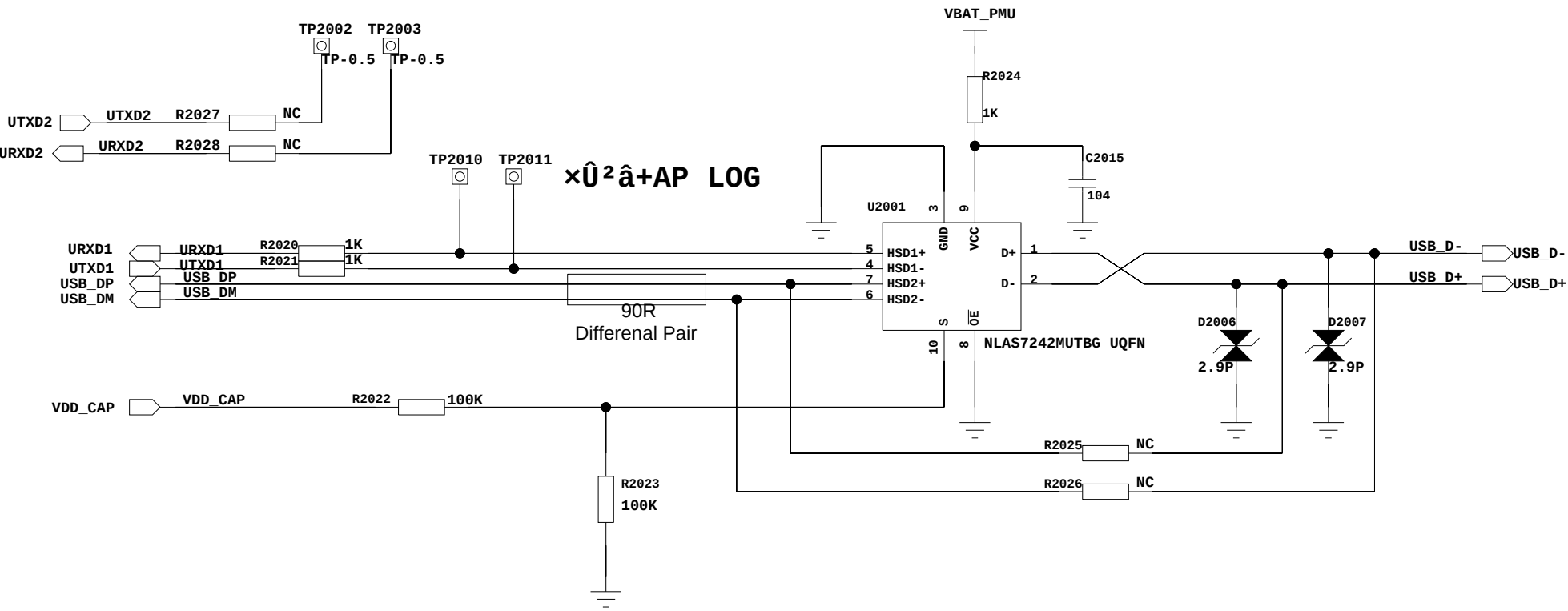


OVP

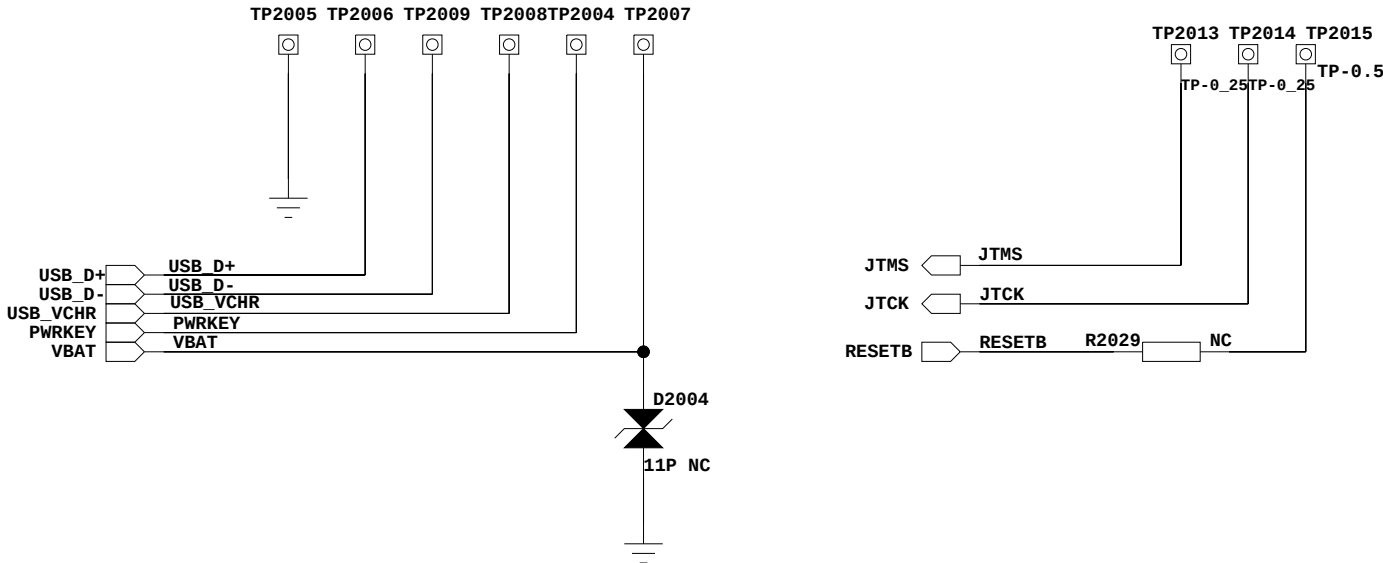
Vin_max=+28V Vin_min=1.2V
Rds_on nmos=65mR
Imax=2A
UVP:3.0-3.5V
OVP:5.7-6.4(NCP348AEMTT)



USB2a10



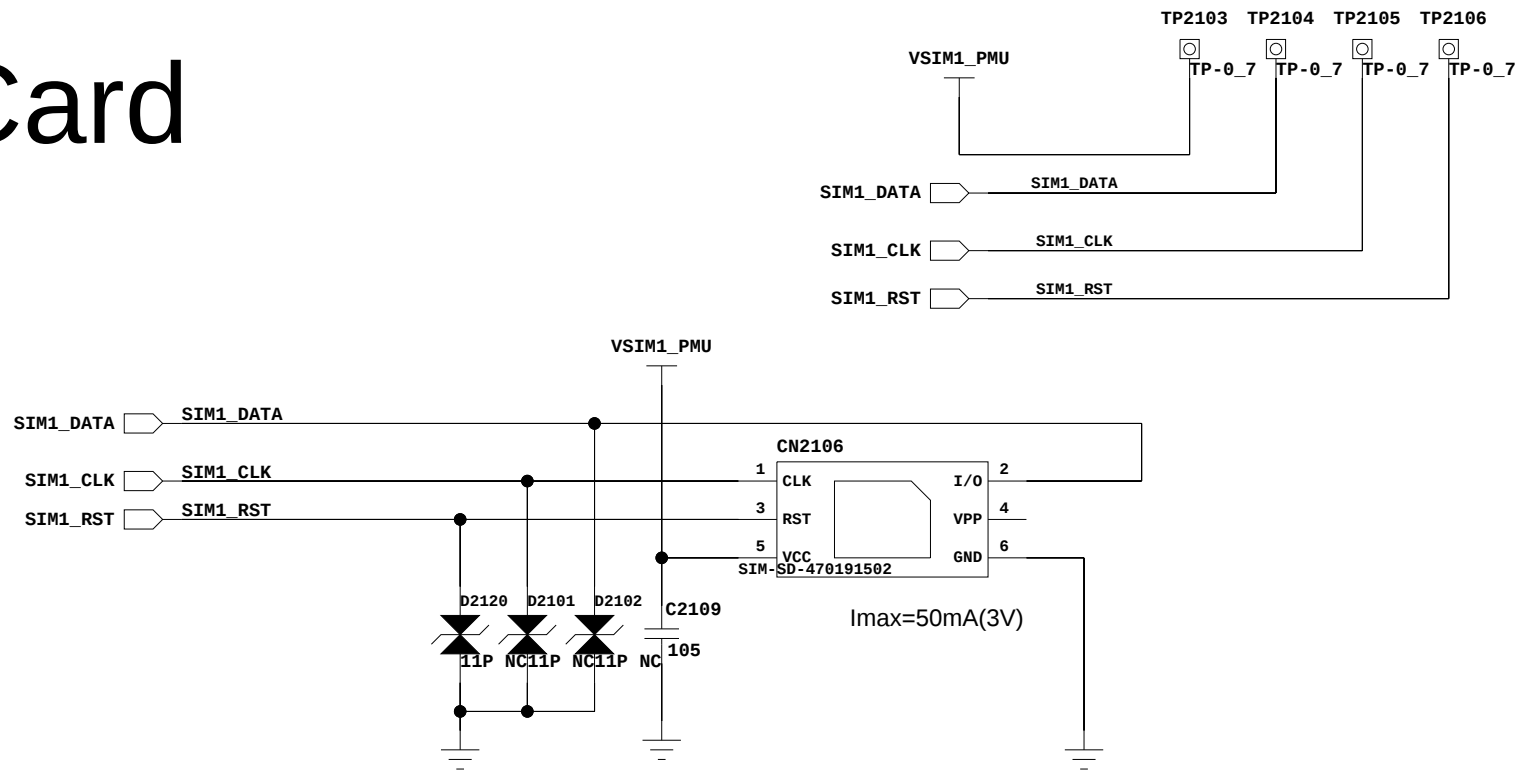
TEST POINT



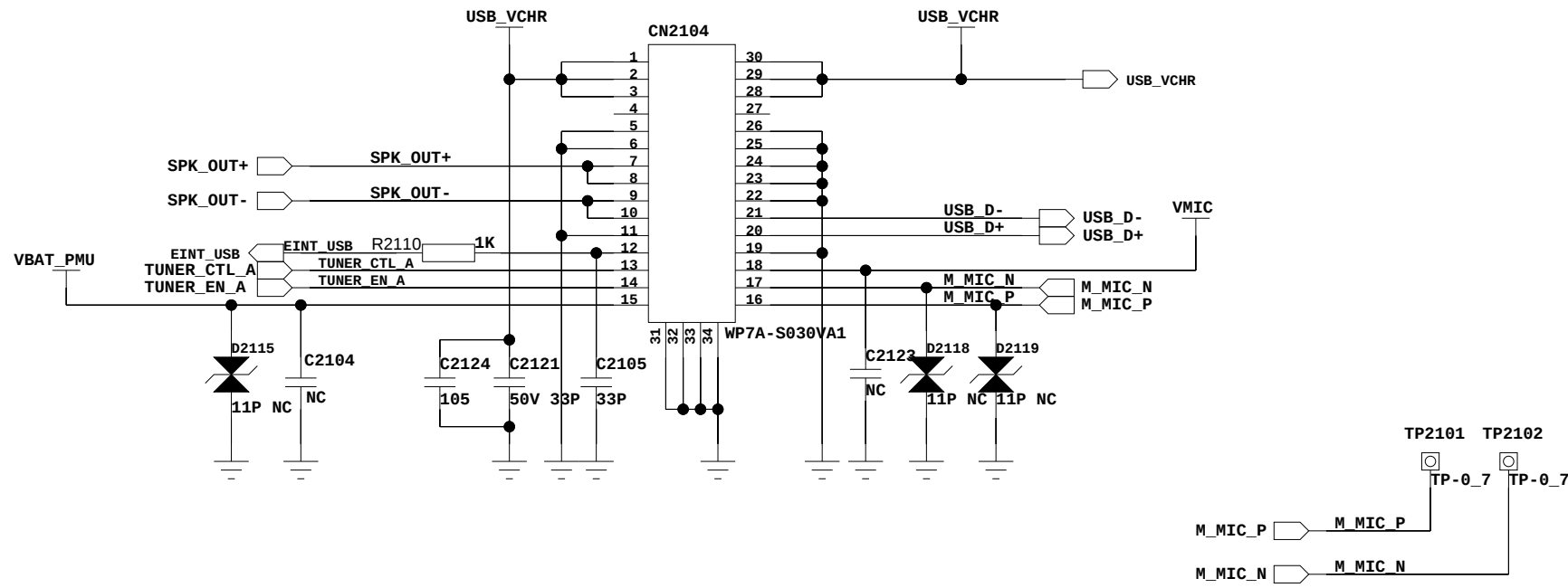
MARK1 MARK2 MARK3MARK4

	Sign	Date	Type: 214013-SA
Drawn By			Draw No:20_BAT+OVP+Charger+JTAG+TEST-PO
Checked By			Sheet of 13 Ver:
Standard By			oppo
Approved By			

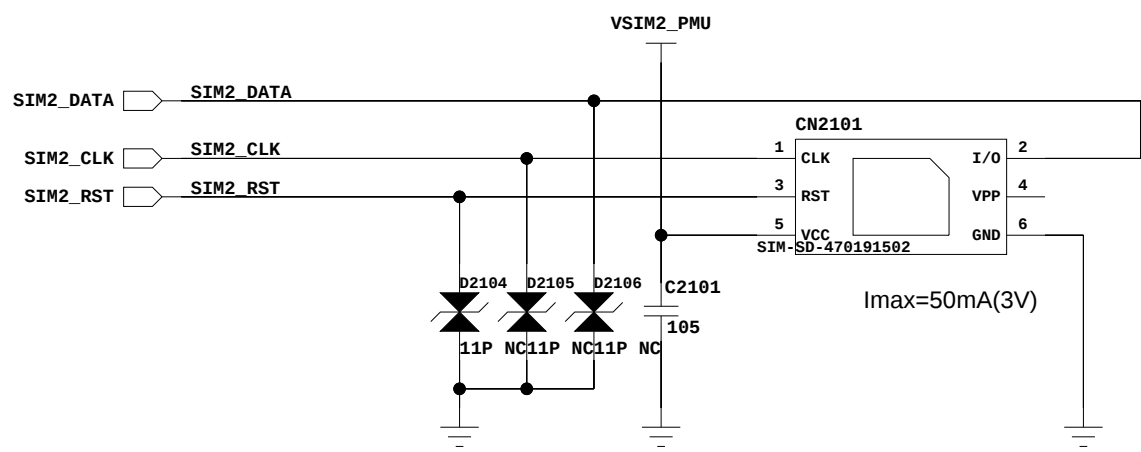
SIM1 Card



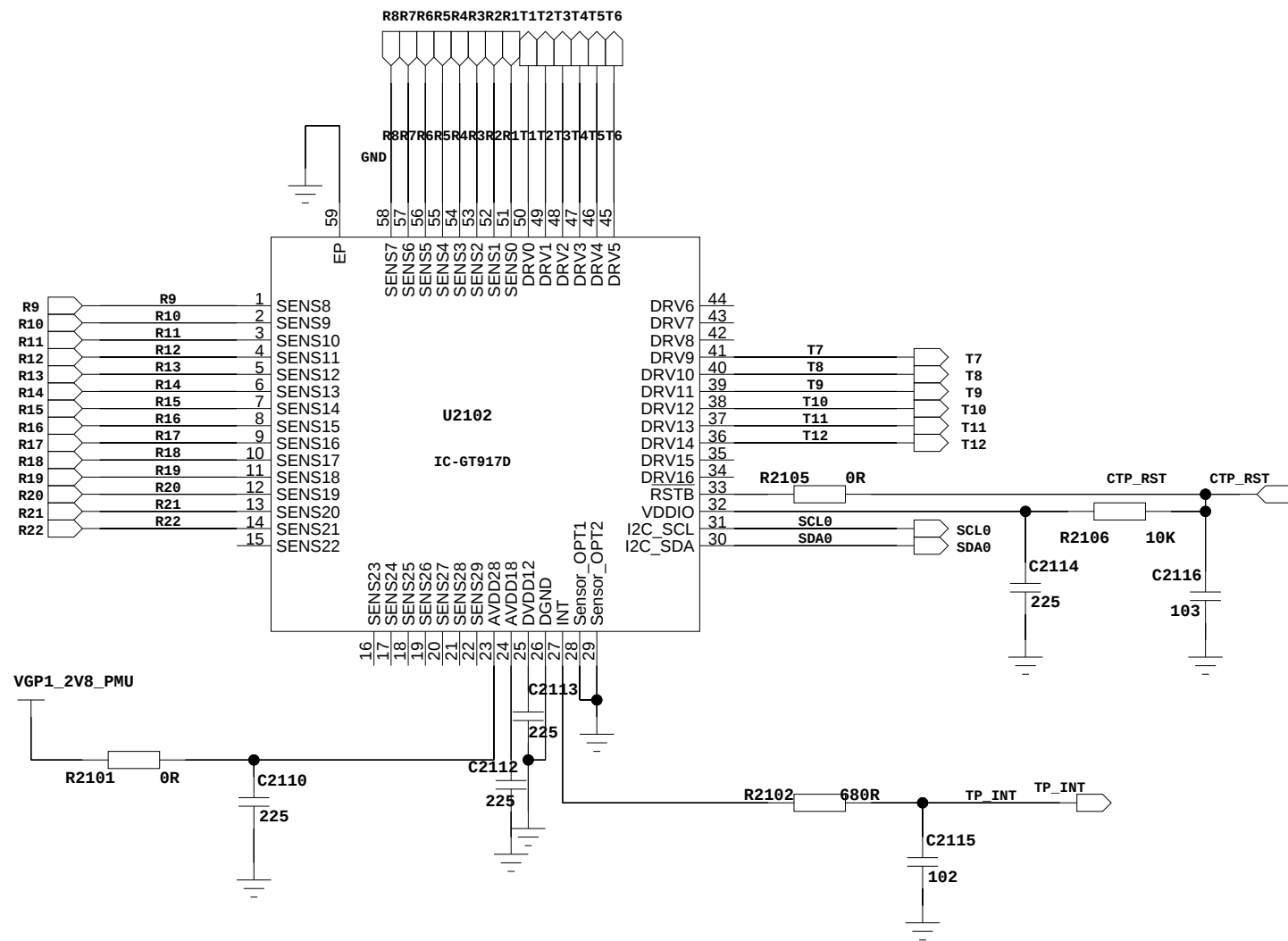
FPC BTB



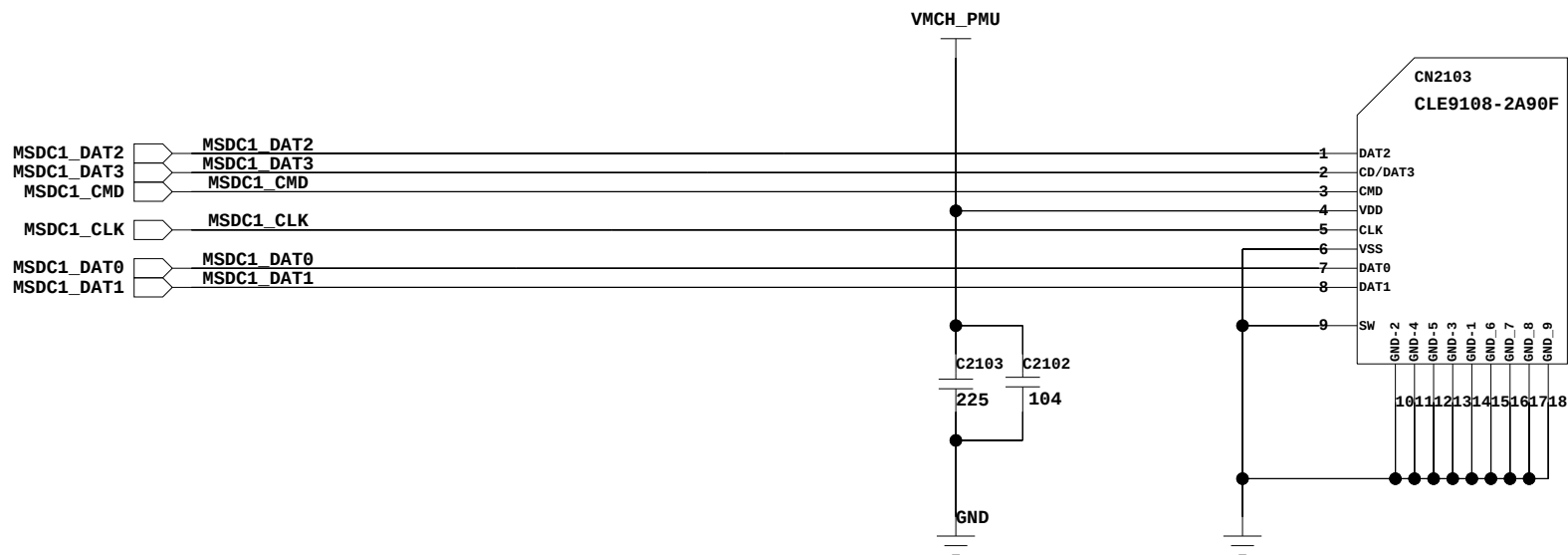
SIM2 Card



TP

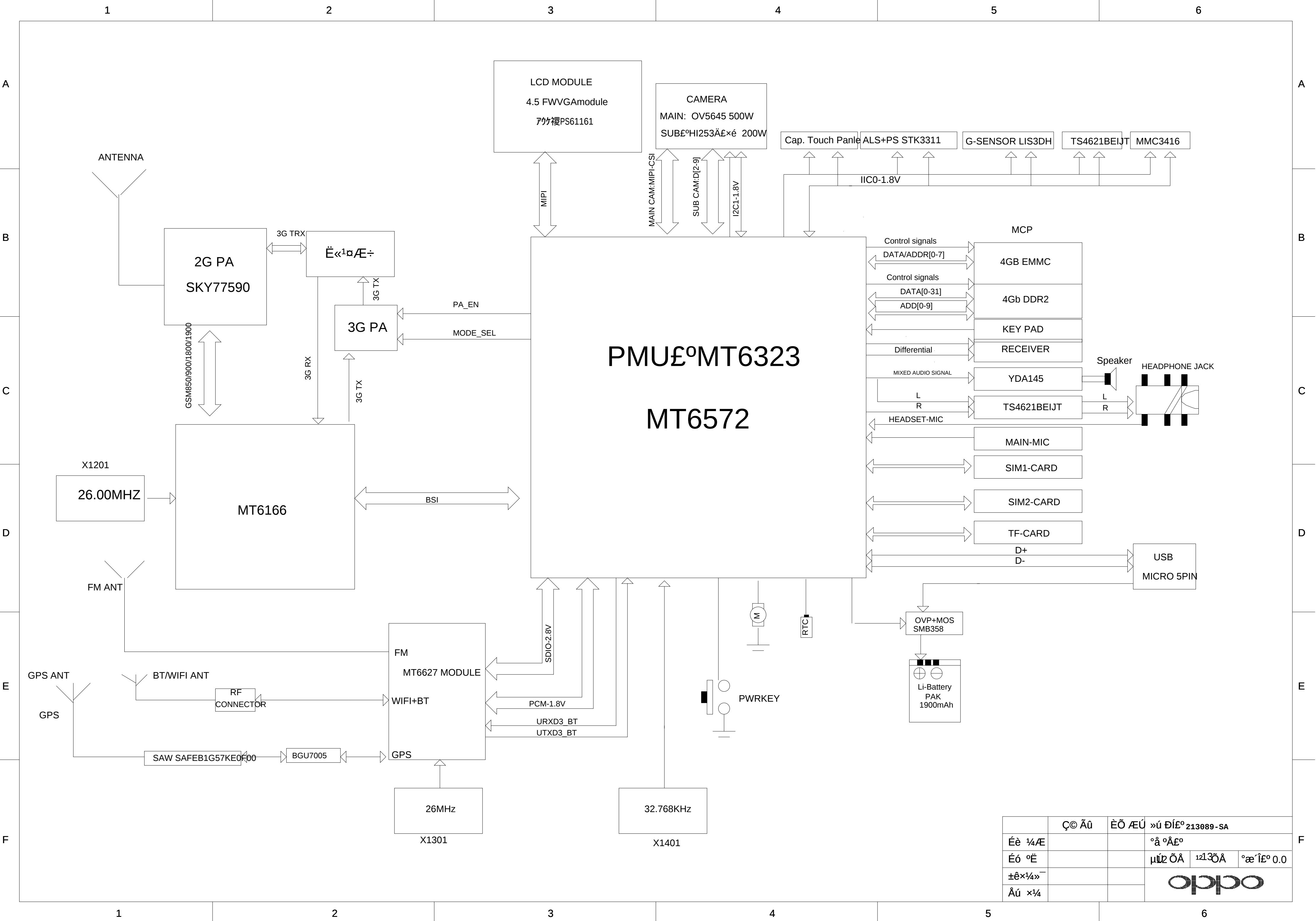


TF_CARD



	Sign	Date	Type: 214013-SA
Drawn By	13079HW		Draw No:21_SIM+TF+CTP+CONNECT
Checked By			Sheet of 13 Ver:
Standard By			oppo
Approved By			

	1	2	3	4	5	6	
A							A
B	Version	Date	Name	Change Note			
C							
D							
E							
F						F	
	Ç© Æû	ÈÕ ÆÚ	»ú Ðí£°				
Éè ¼Æ	xx		°å °Å£° 213079				
Éó °£	xx		μlB ÕÃ	¹² 1\$Å	°æ´£° 0.0		
±ê×¼»			oppo				
Åú ×¼							



	Ç© Åû	ÈÕ ÆÚ	»ú Ðí£° 213089 -SA		
Éè ¼Æ			°â °Å£°		
Éó °£			μ½ ÖÅ	1213ÖÅ	°æ´£° 0.0
±ê×¼»			oppo		
Åú ×¼					