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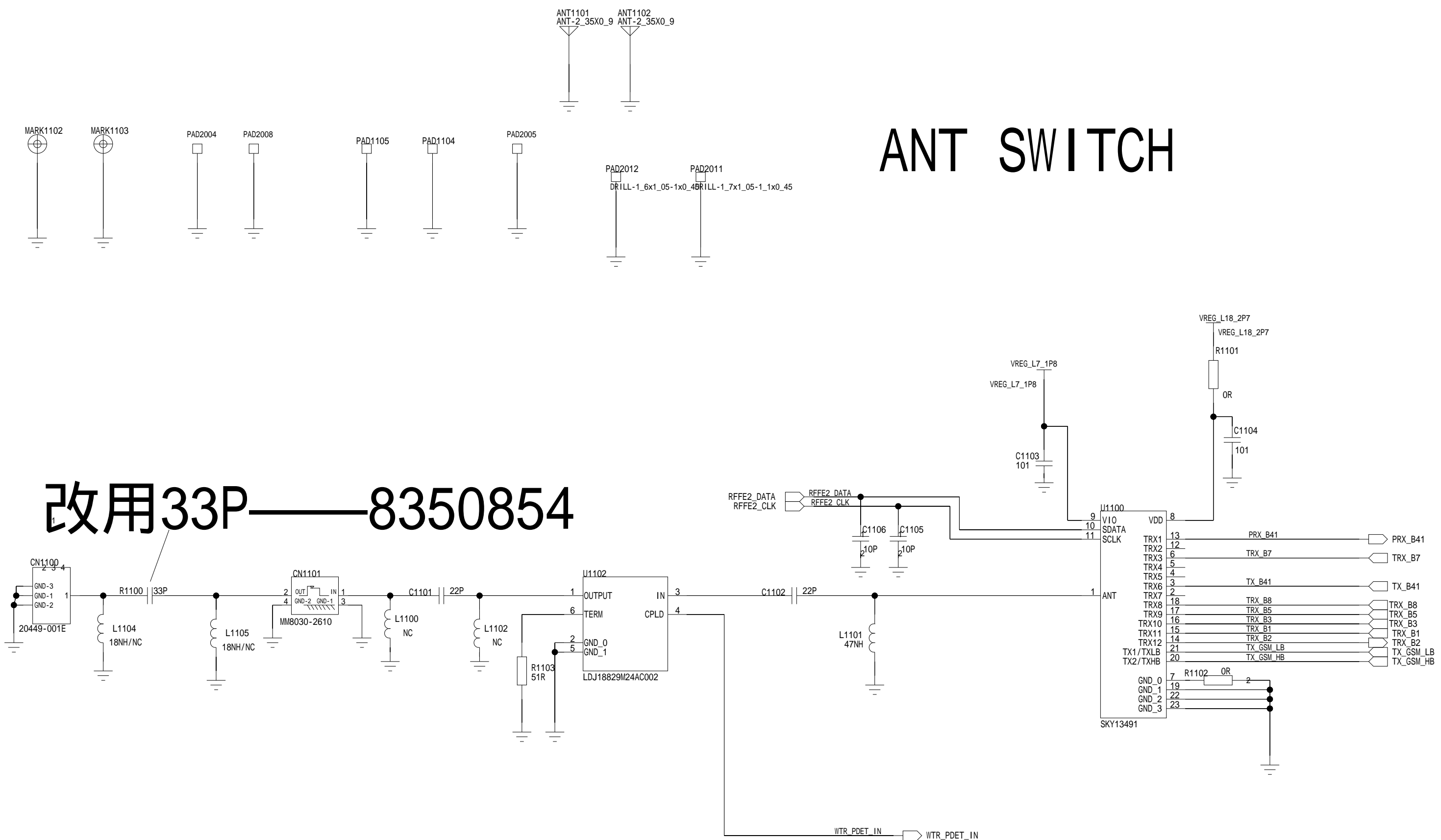
D

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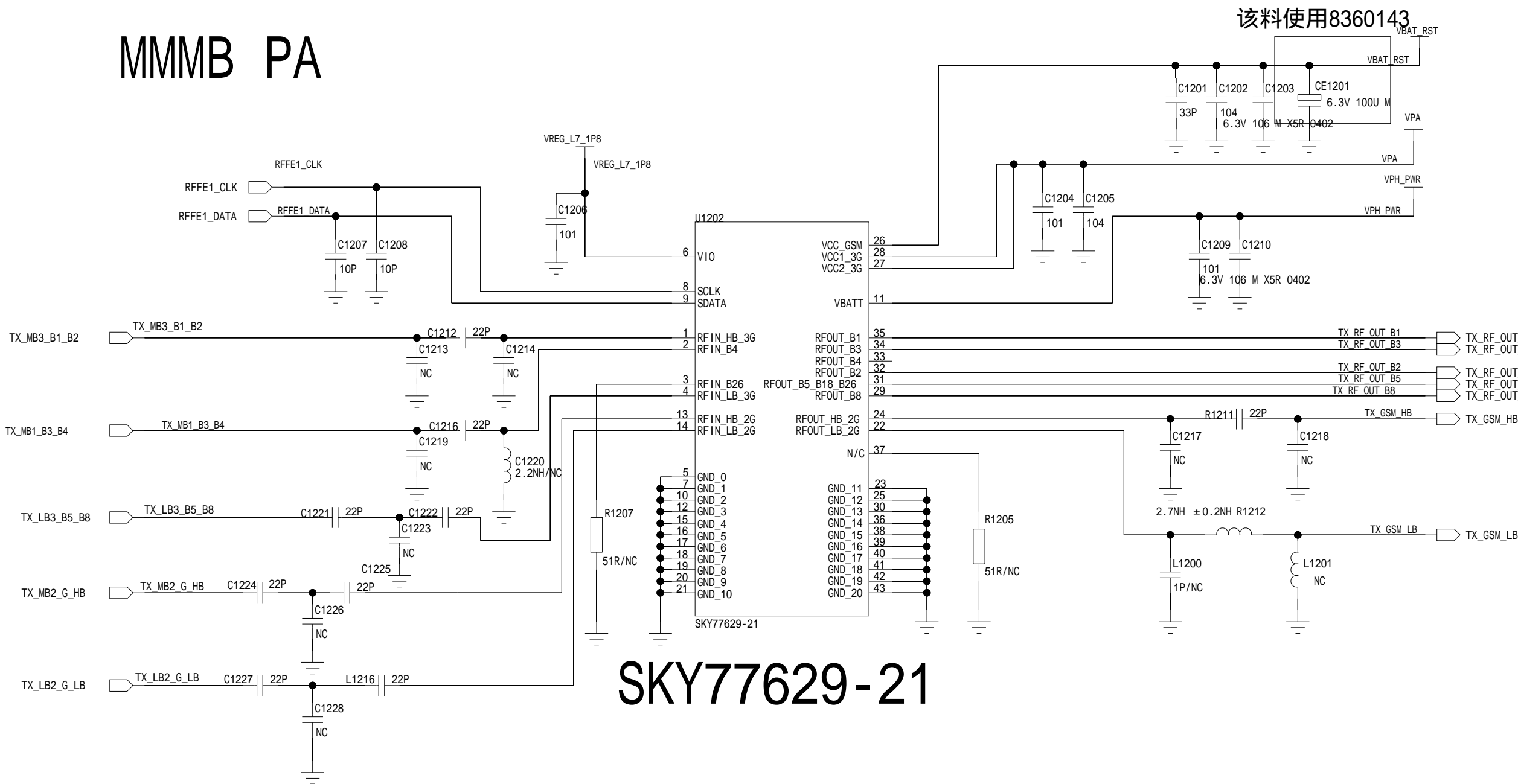
# ANT SWITCH

改用33P——8350854

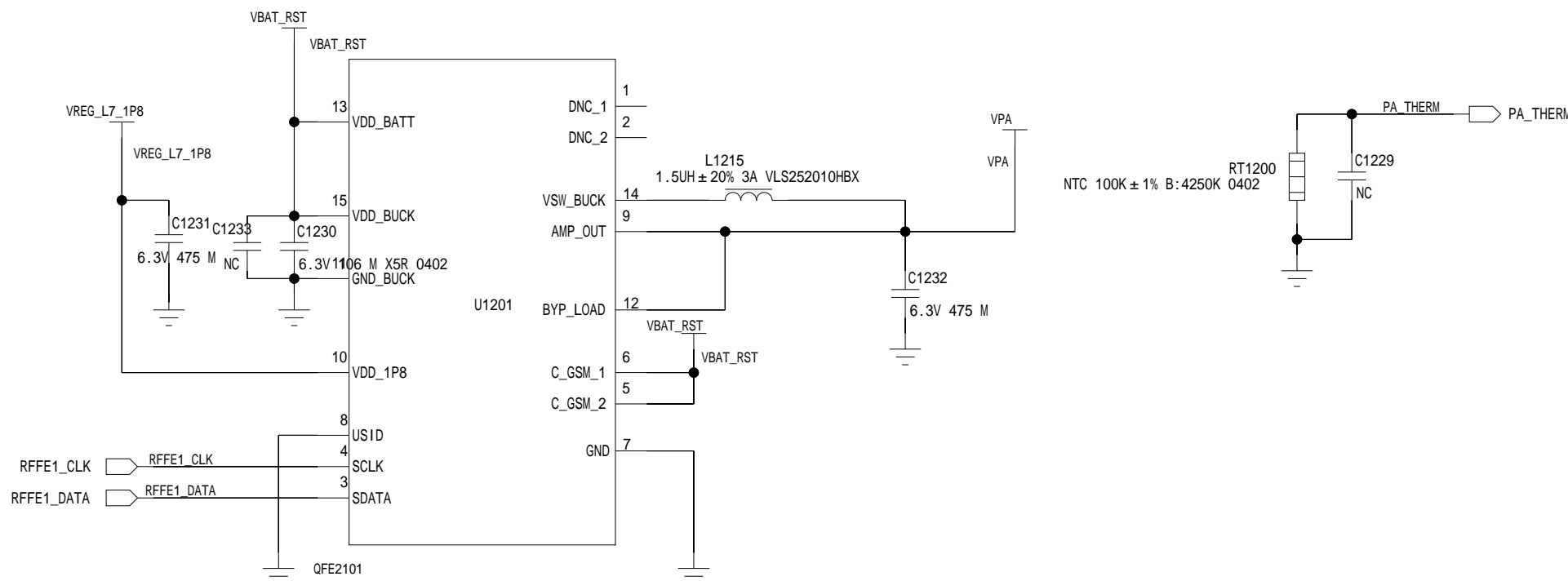


	Sign	Date	Type:
Drawn By			Draw No: 14046
Checked By			Sheet 1_ASM of 29 Ver:
Standard By			oppo
Approved By			

MMMB PA

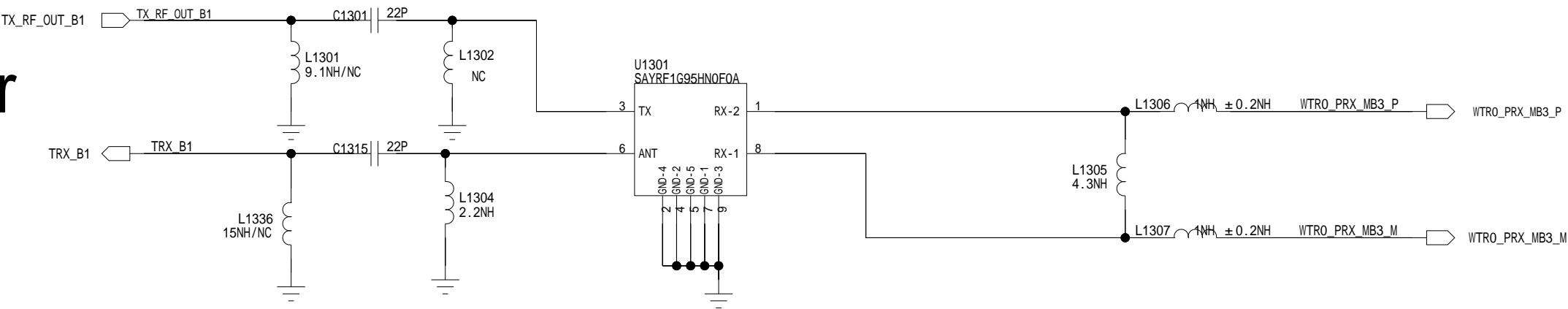


QFE2101

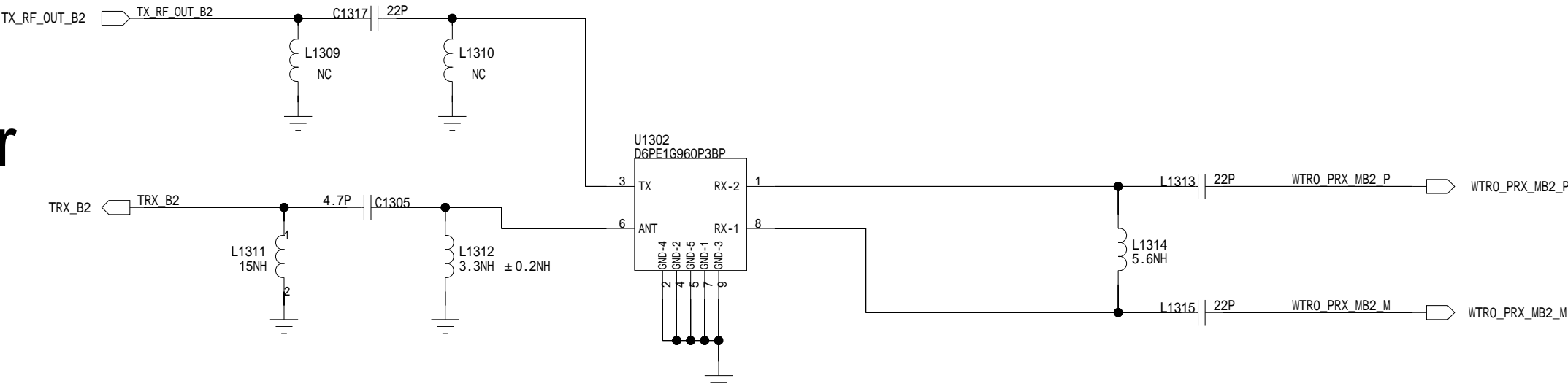


	Sign	Date	Type:
Drawn By			Draw No: 14046
Checked By			Sheet 1_ASM of 29 Ver.:
Standard By			oppo
Approved By			

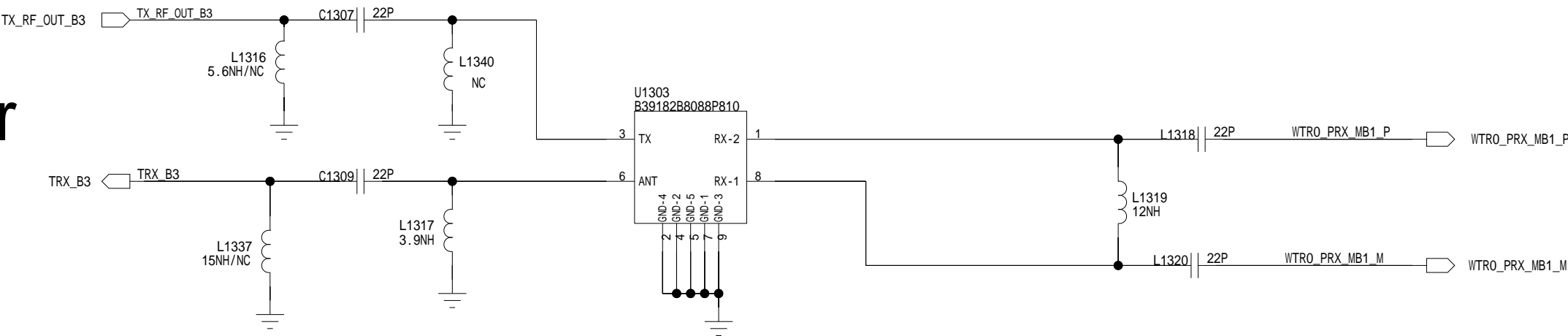
B1 Duplexer



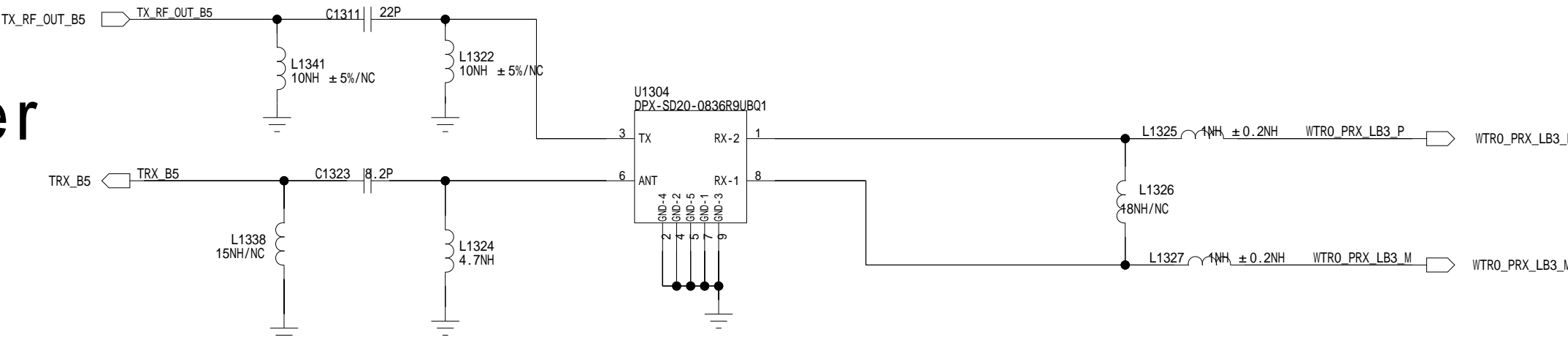
B2 Duplexer



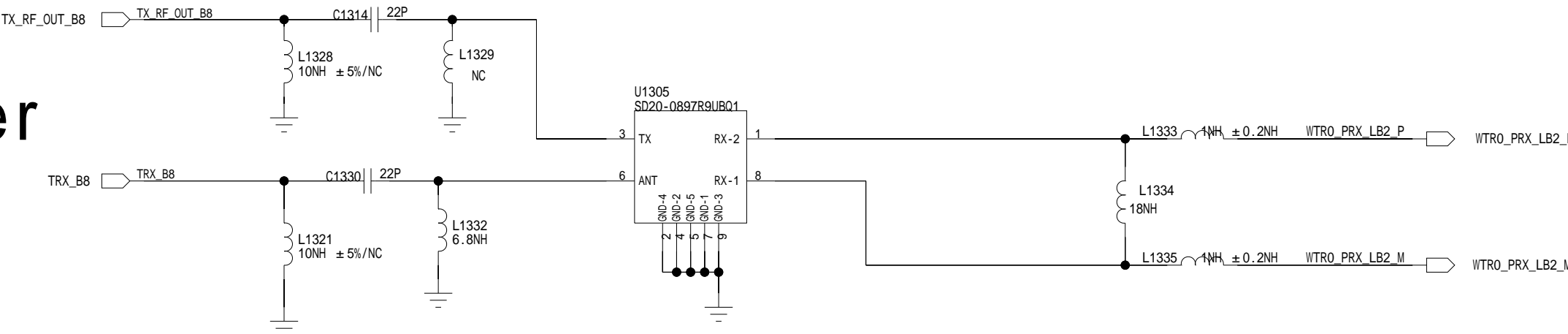
B3 Duplexer



B5 Duplexer

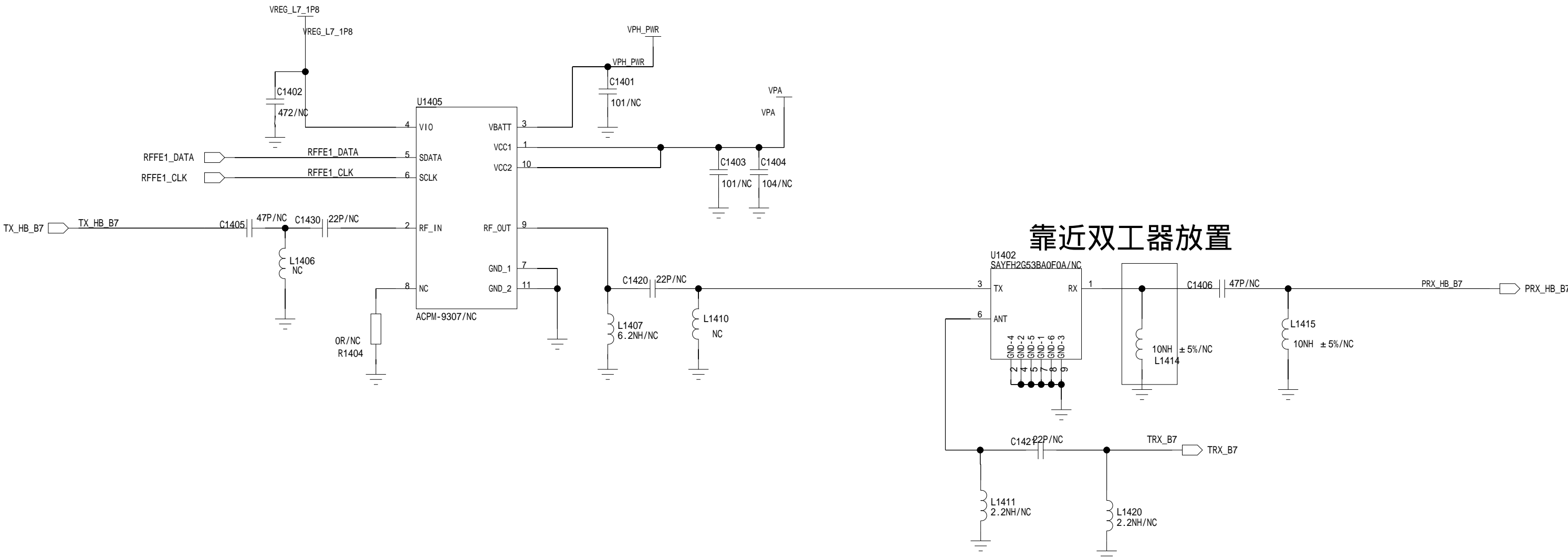


B8 Duplexer



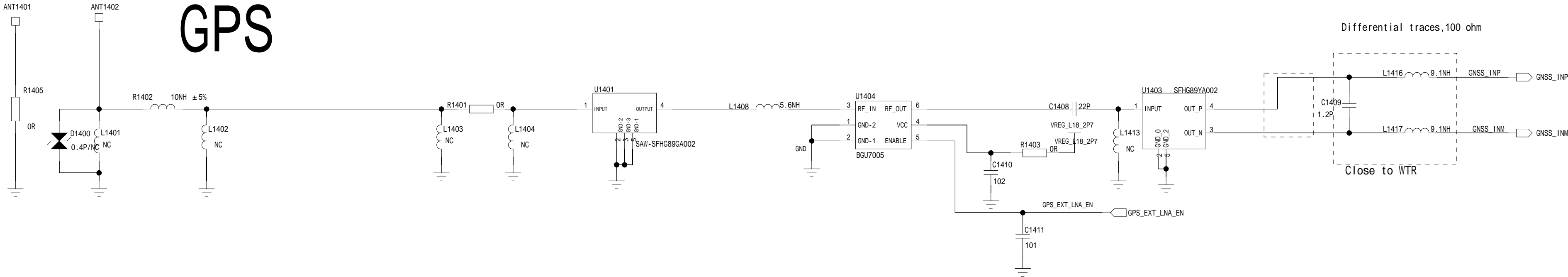
	Sign	Date	Type:
Drawn By			Draw No: 14046
Checked By			Sheet of 29 Ver.:
Standard By			oppo
Approved By			

外销预留  
B7 TRX



靠近双工器放置

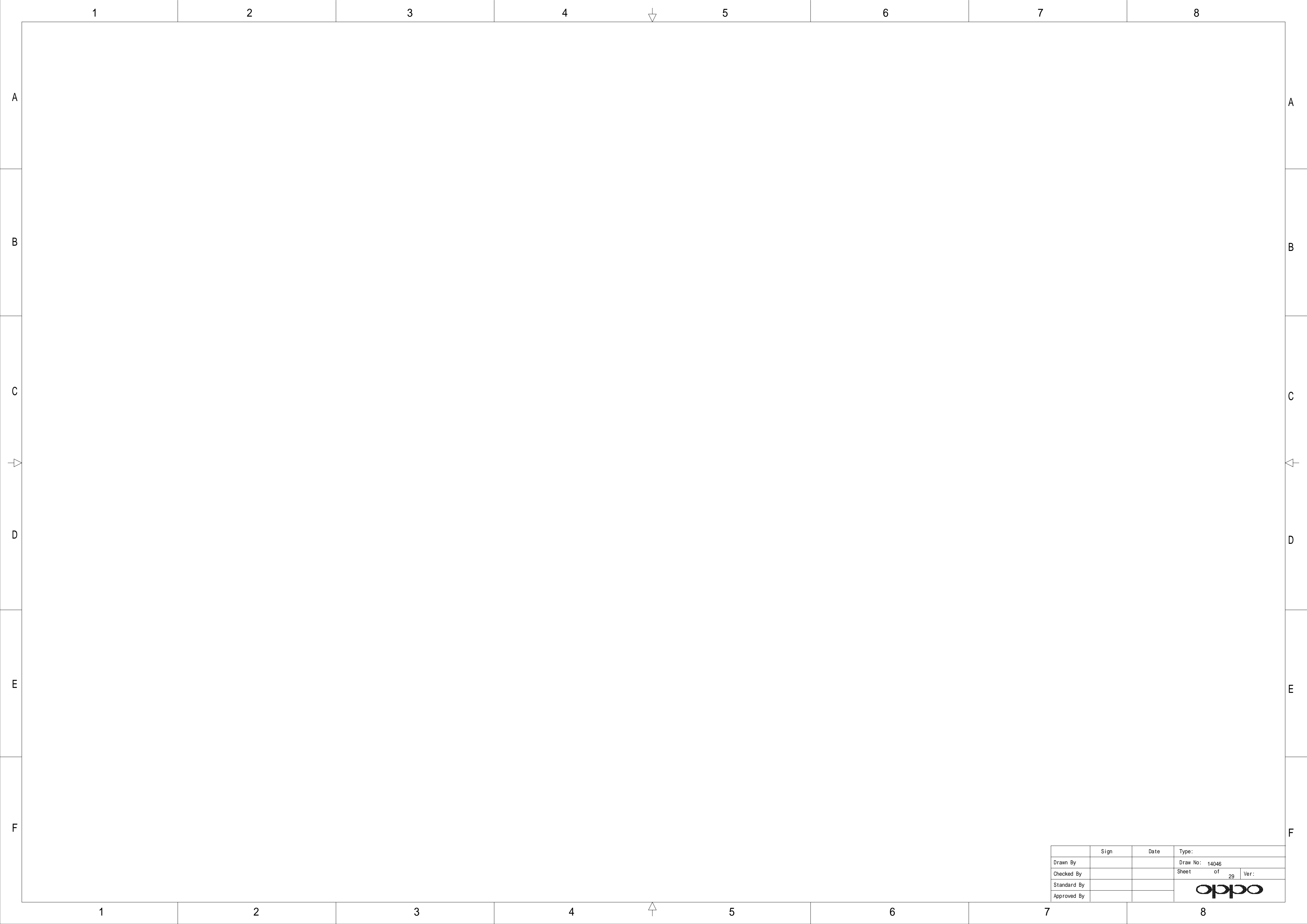
GPS



Differential traces,100 ohm

Close to WTR

	Sign	Date	Type:
Drawn By			Draw No: 14046
Checked By			Sheet 1_ASM of 29 Ver.:
Standard By			oppo
Approved By			



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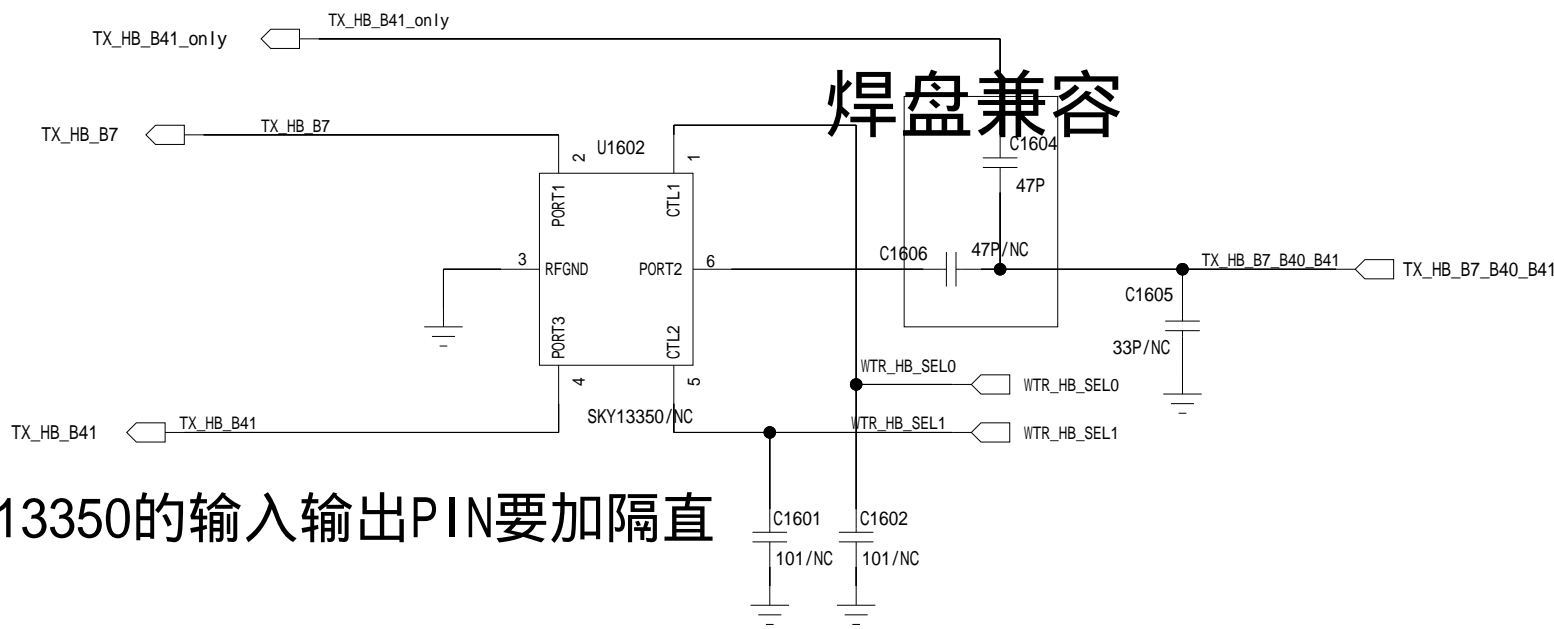
5

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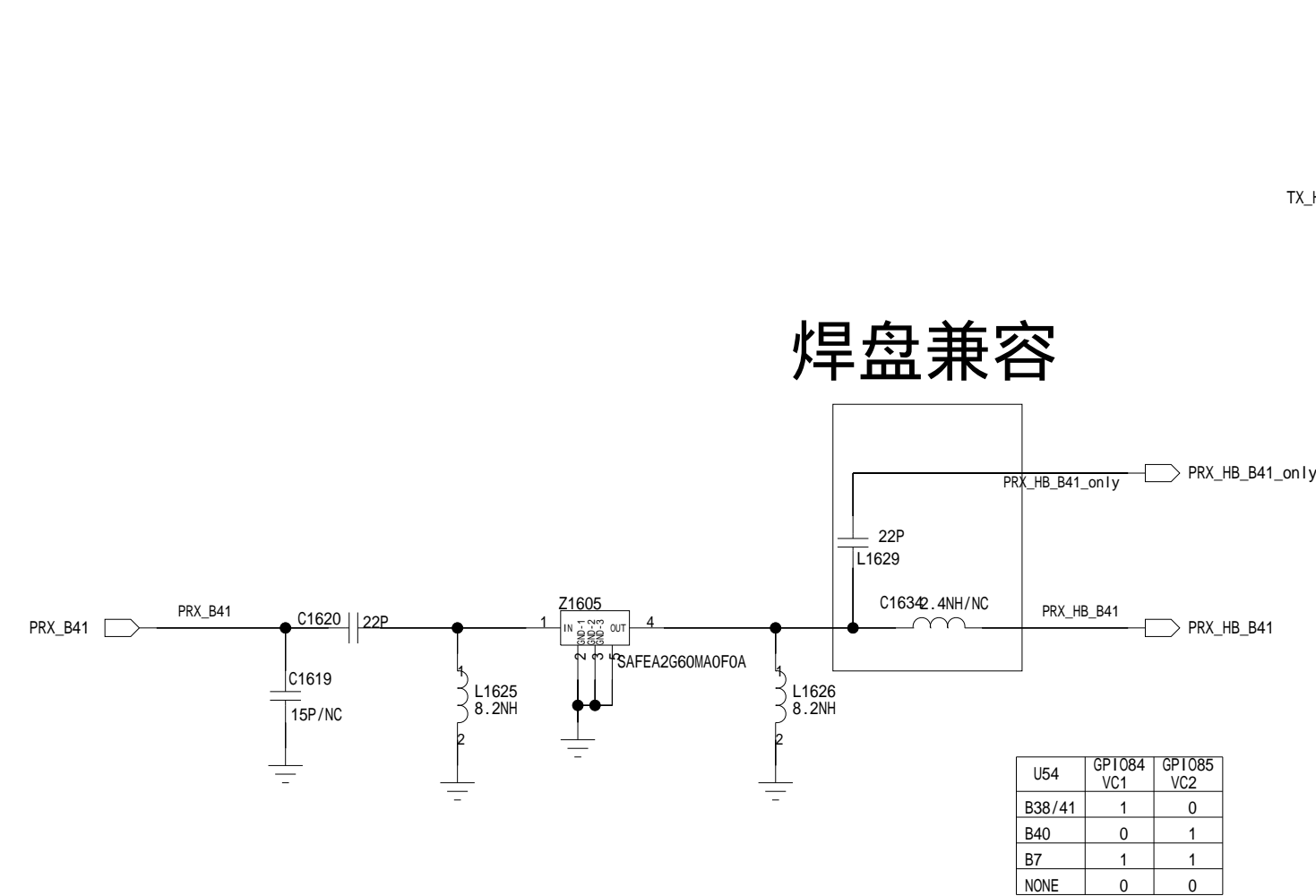
7

8

B7\_B41\_B40\_PAinput\_SW

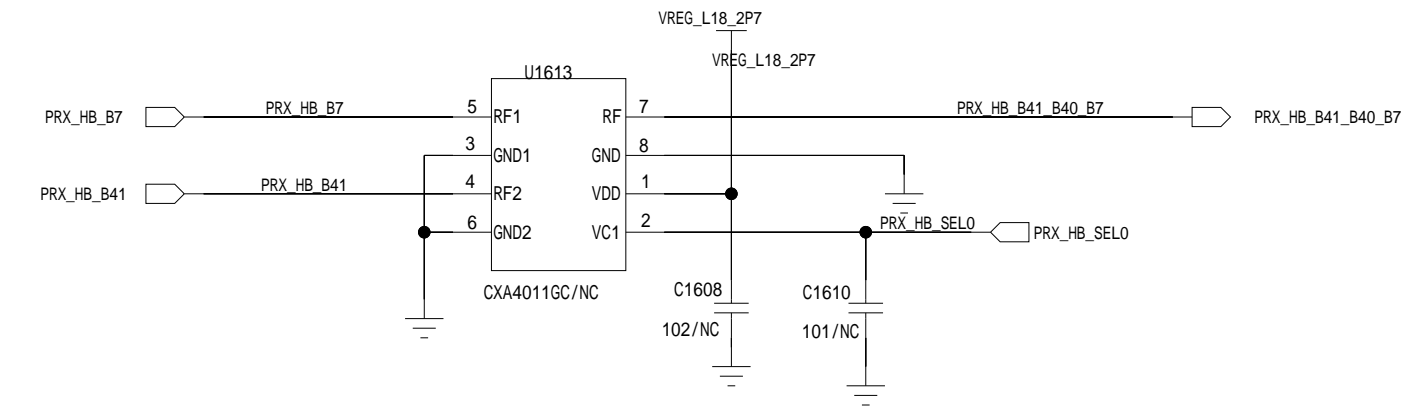


SKY13350的输入输出PIN要加隔直

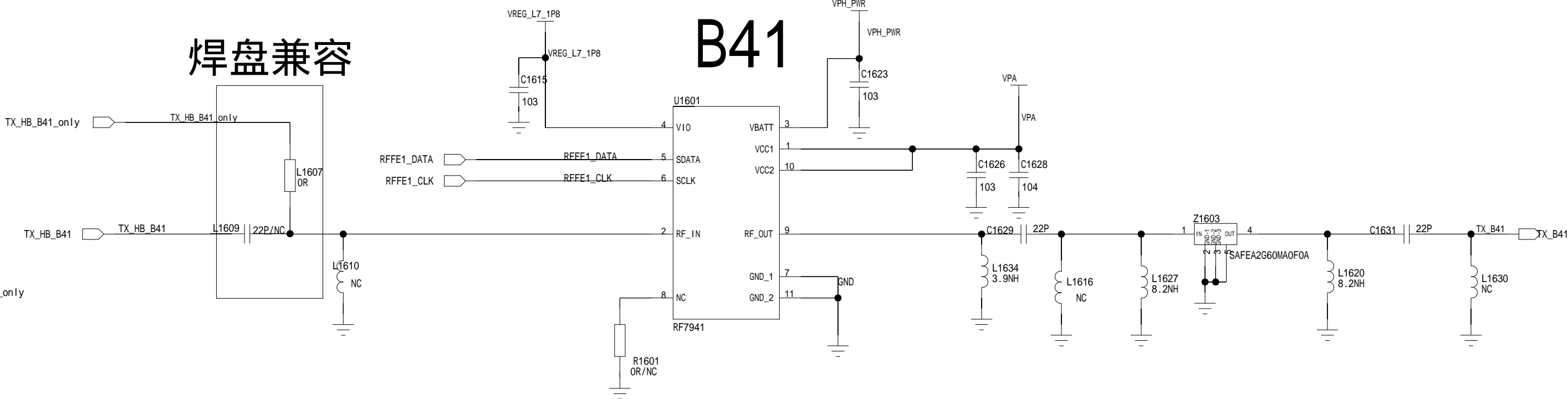


U54	GP1084 VC1	GP1085 VC2
B38/41	1	0
B40	0	1
B7	1	1
NONE	0	0

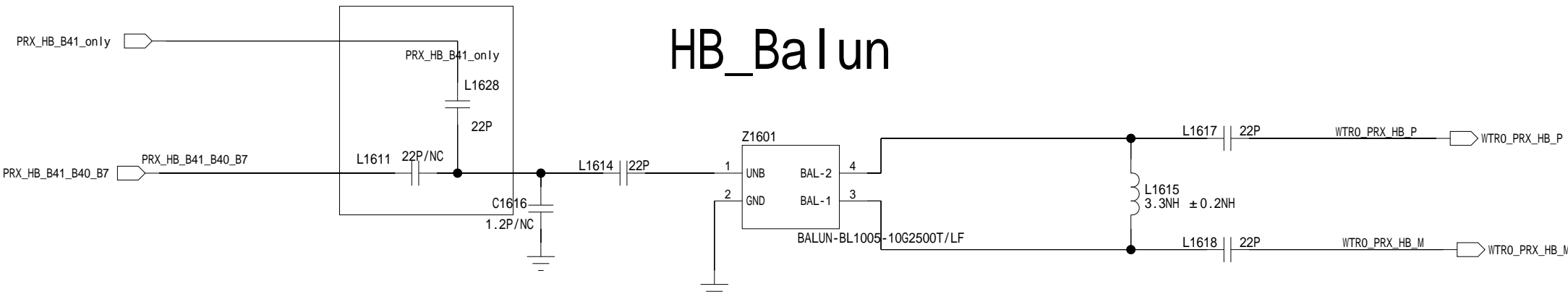
B7\_B41\_PRX\_SW



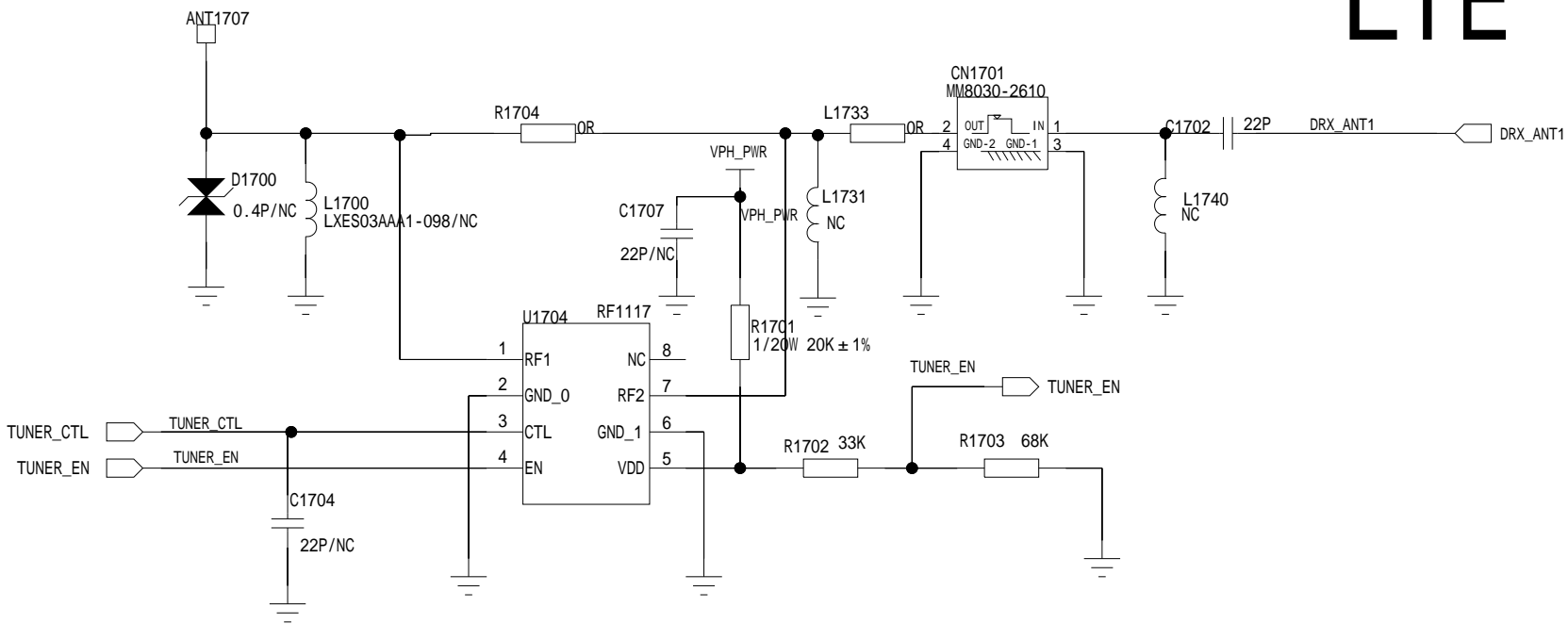
B41



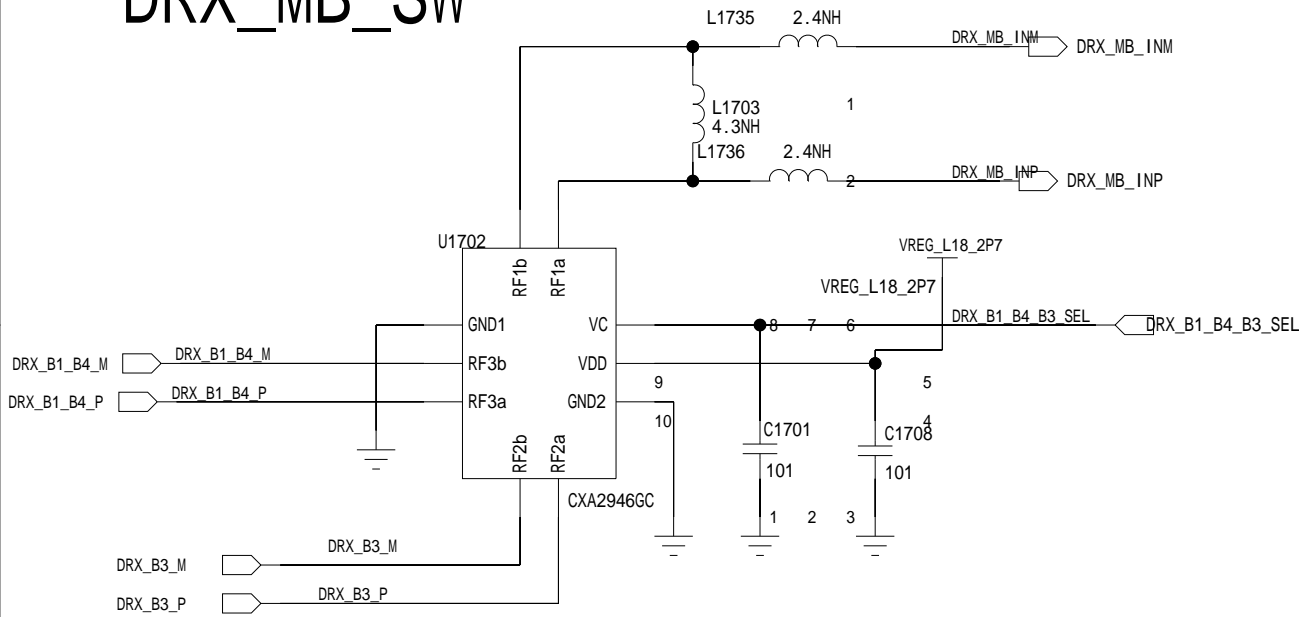
HB\_Balun



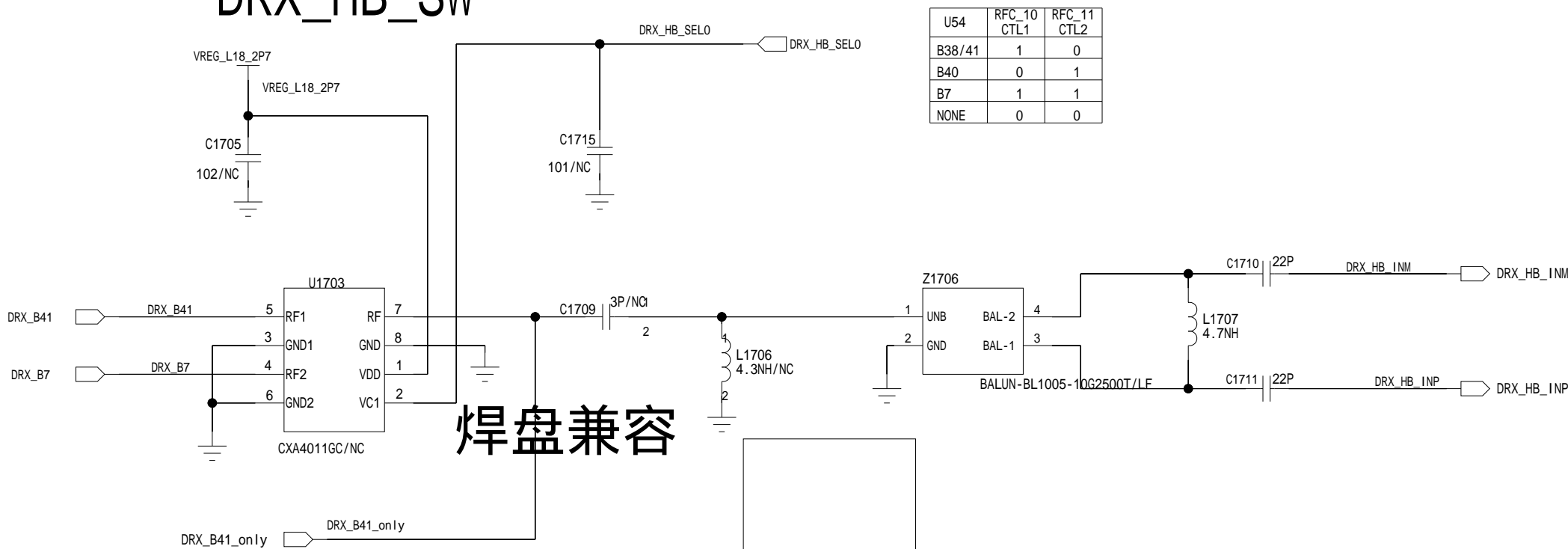
LTE DRX



DRX\_MB\_SW



DRX\_HB\_SW



U54	RFC_10 CTL1	RFC_11 CTL2
B38/41	1	0
B40	0	1
B7	1	1
NONE	0	0

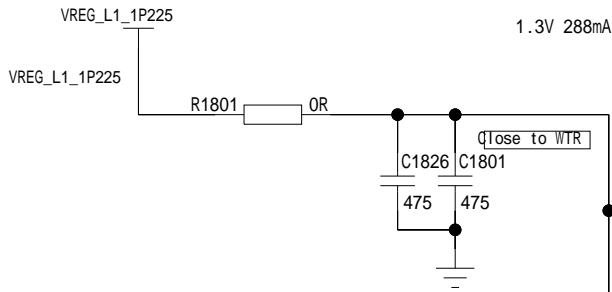
焊盘兼容

焊盘兼容

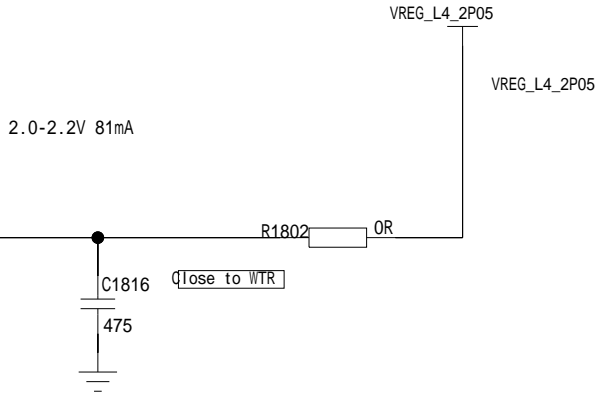
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Drawn By			Draw No: 14046
Checked By			Sheet 1_ASM of 29 Ver.:
Standard By			oppo
Approved By			



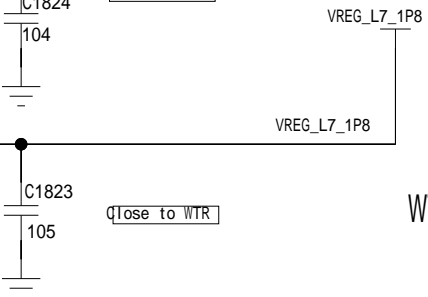
WTR POWER DISTRIBUTION 1.3V



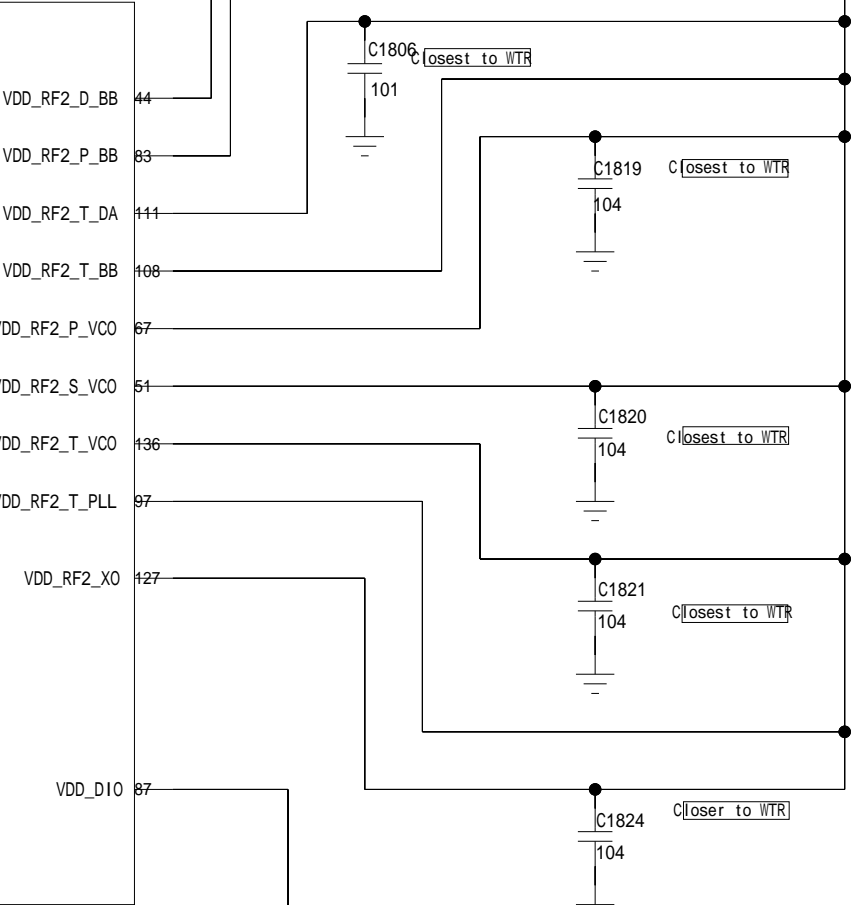
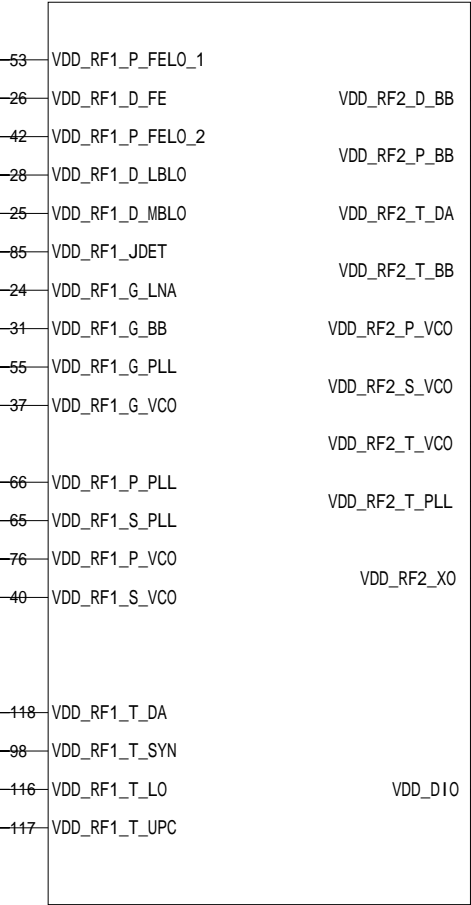
WTR POWER DISTRIBUTION 2.05V(Rev.B)



WTR POWER DISTRIBUTION 1.8V



U1800  
WTR1605L

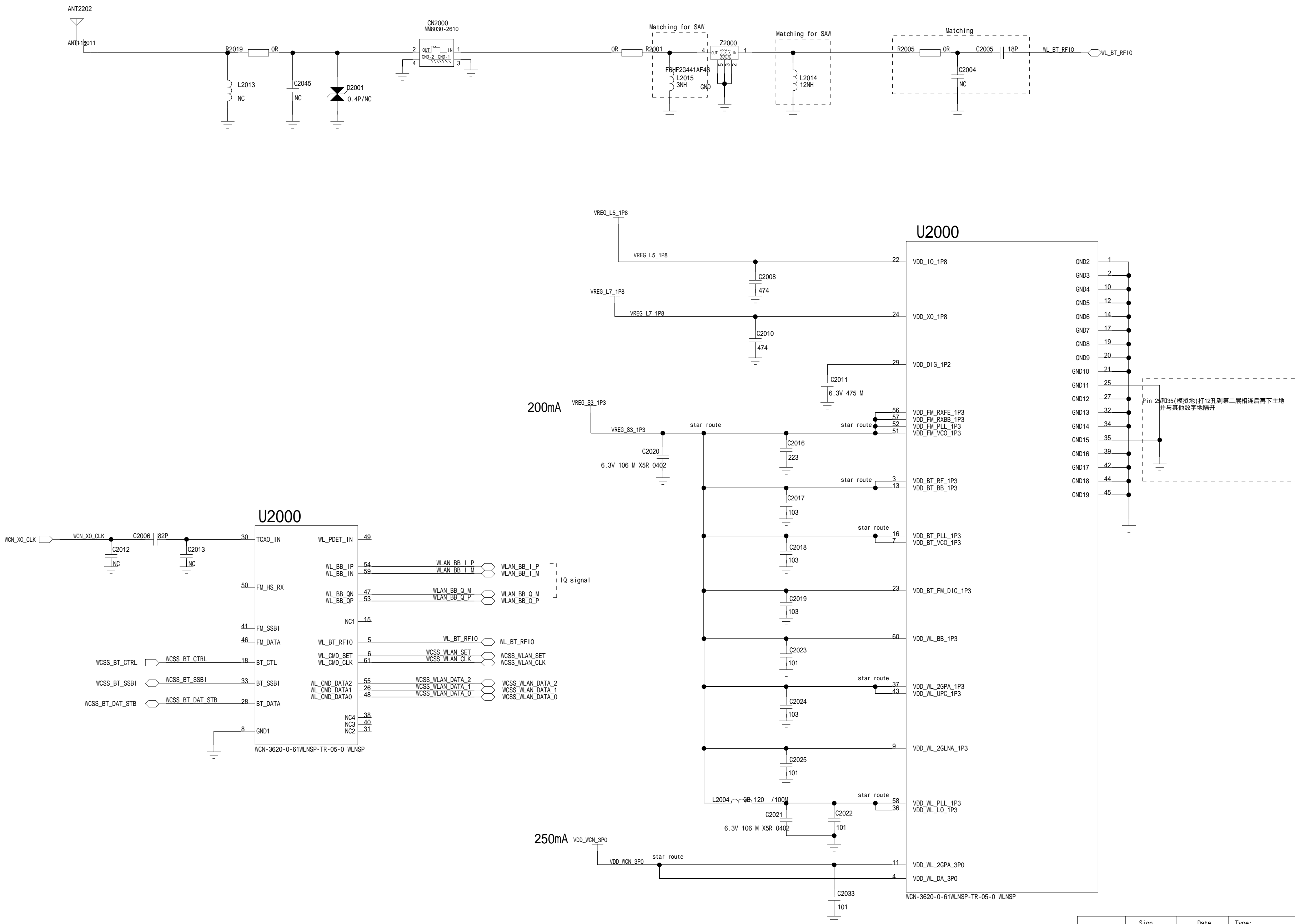


	Sign	Date	Type:
Drawn By			Draw No: 14046
Checked By			Sheet 8 of 29 8_WTR1605_POWER
Standard By			Ver.:
Approved By			





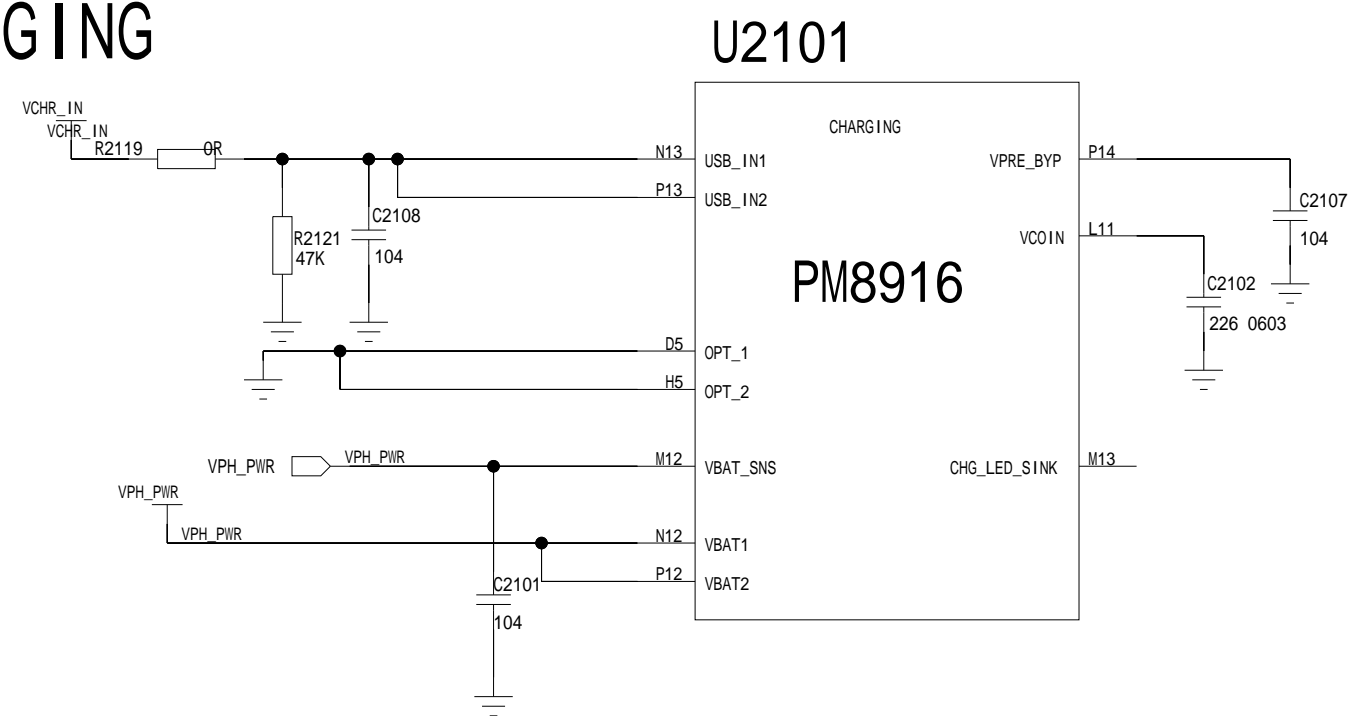
# WIFI+BT



	Sign	Date	Type:
Drawn By			Draw No: Schematic1
Checked By			Sheet of 10 Ver:
Standard By			oppo
Approved By			

Pins	Hi Z	GND
OPT_1	No SMB1360	SMB1360 present
OPT_2	No Ext APC buck (S5)	APC buck (S5) present

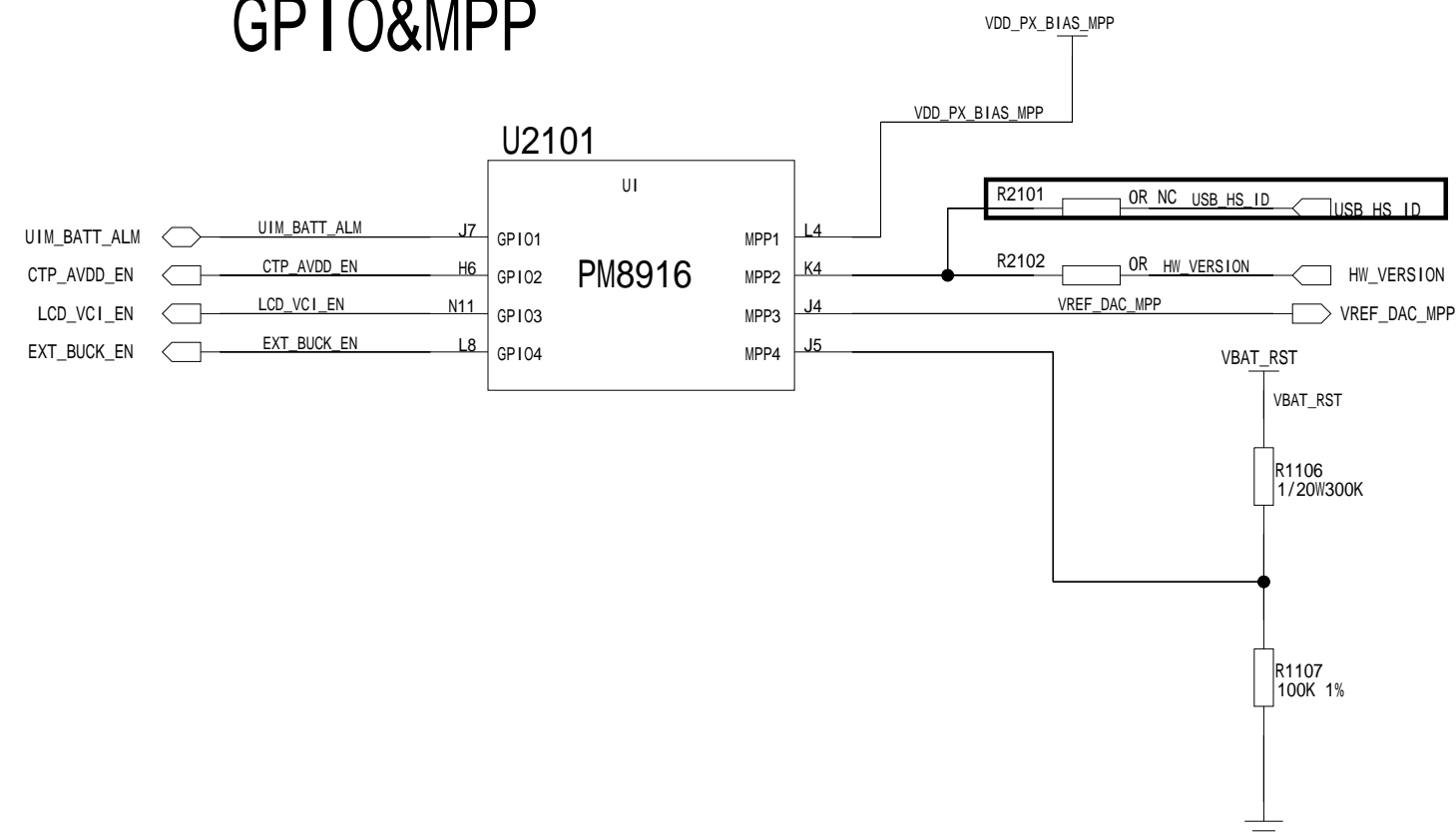
## PM8916 CHARGING



USB\_IN加开关掉路,CBL\_PWR\_N作为开机触发事件。USB\_IN作为充电器电压检测信号

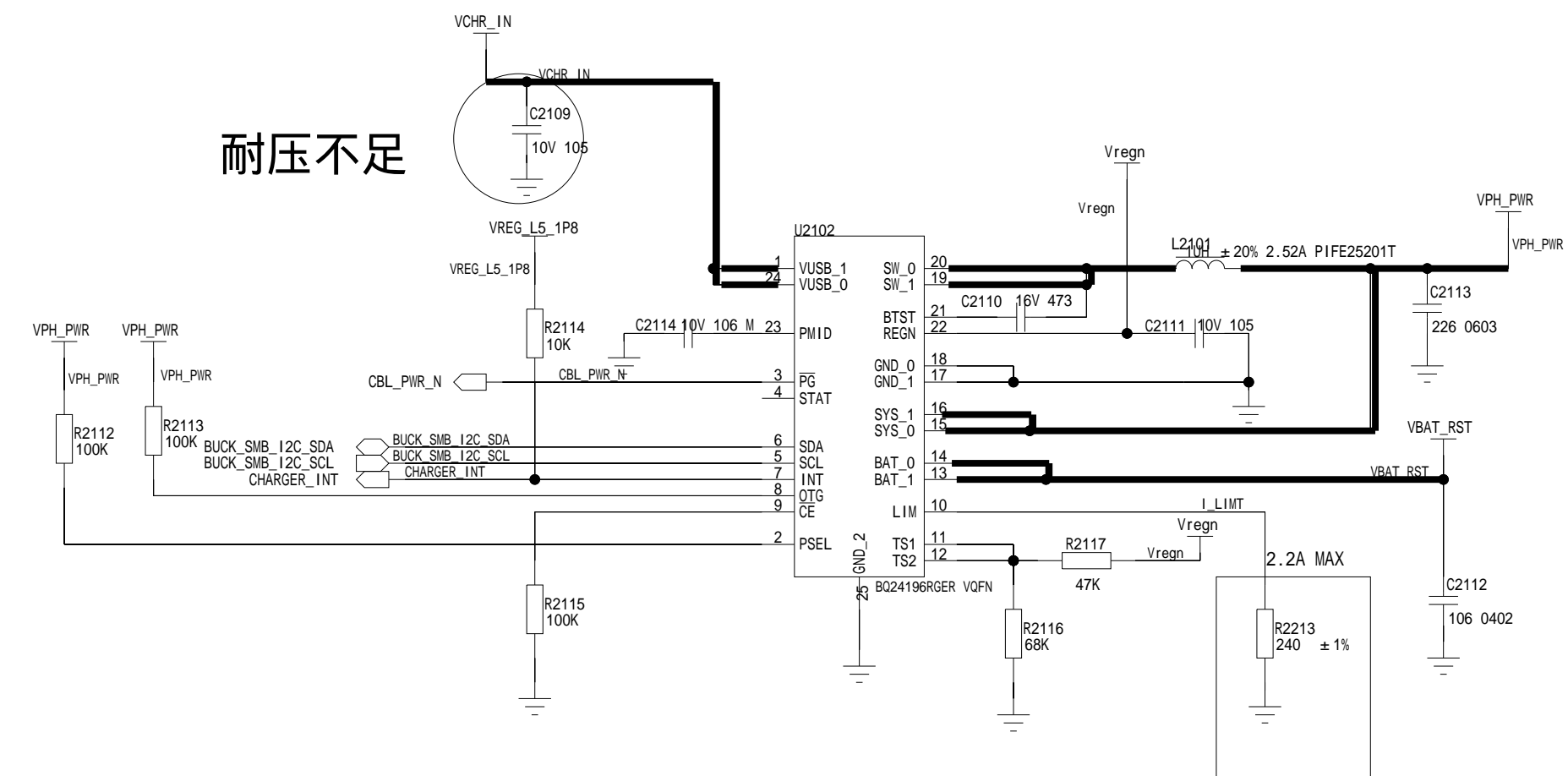
- 1.使用CBL\_PWR\_N触发开机时,USB\_IN脚使用延时电路,VBAT\_SNS接到VBAT\_RST。
- 2.使用USBIN触发开机时,VBAT\_SENSE接到VPH\_PWR

## GP I O&MPP

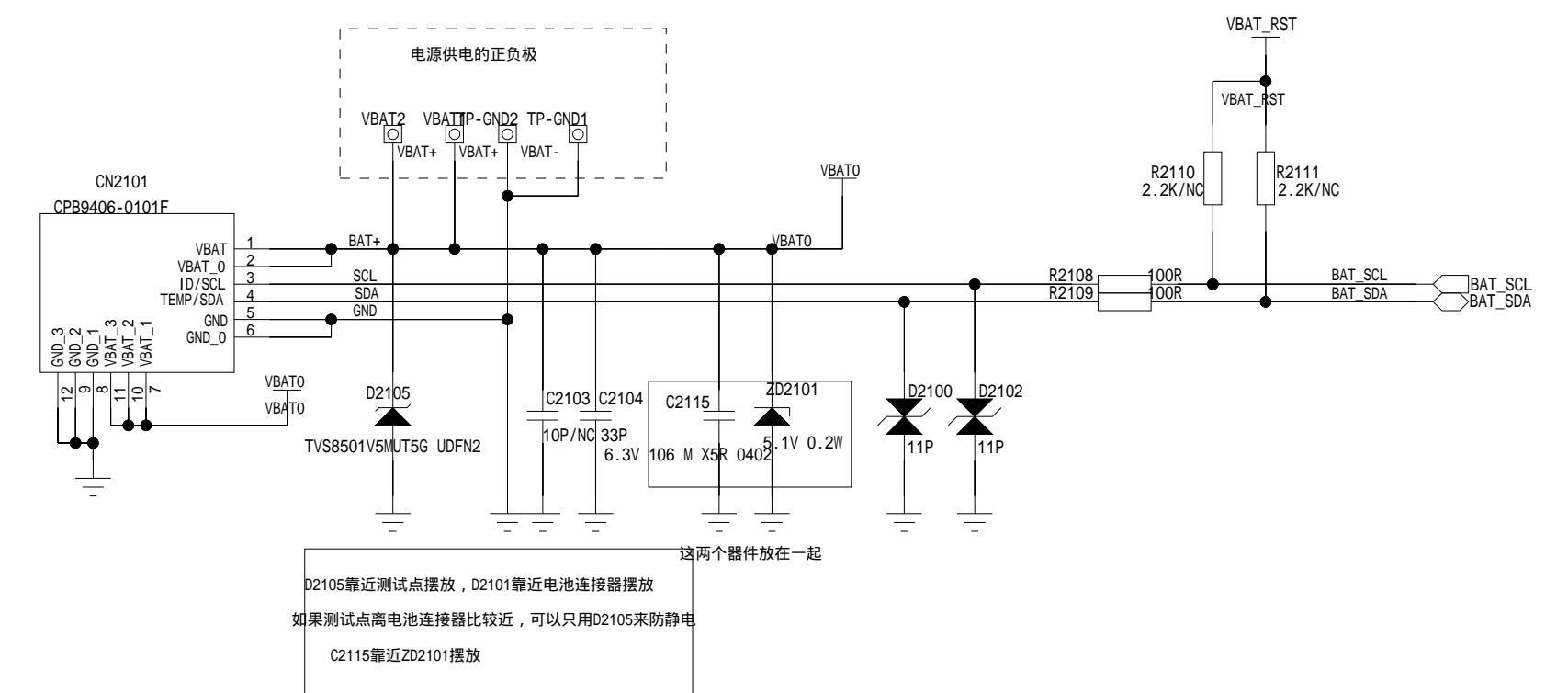



## PVT改动

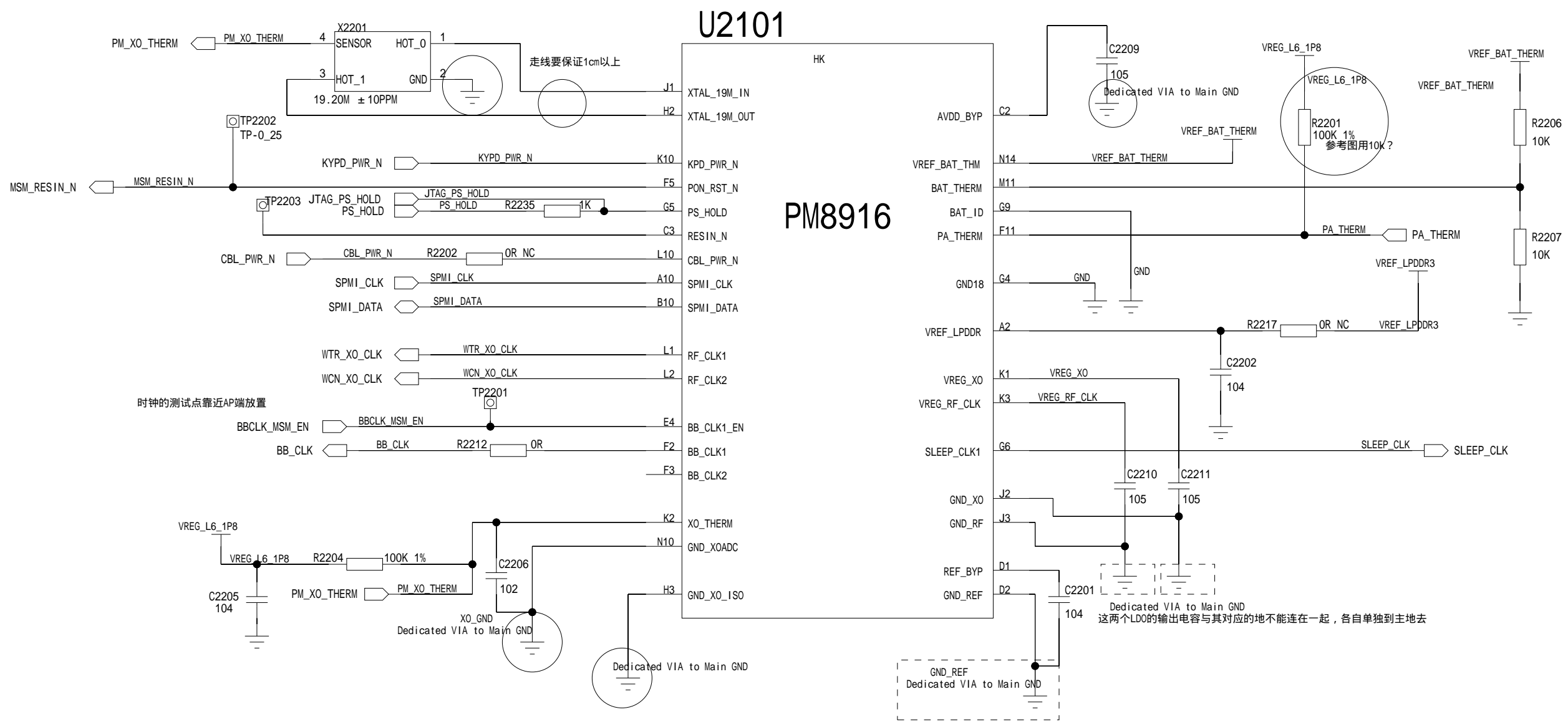
## Circuit of Ext. Charge



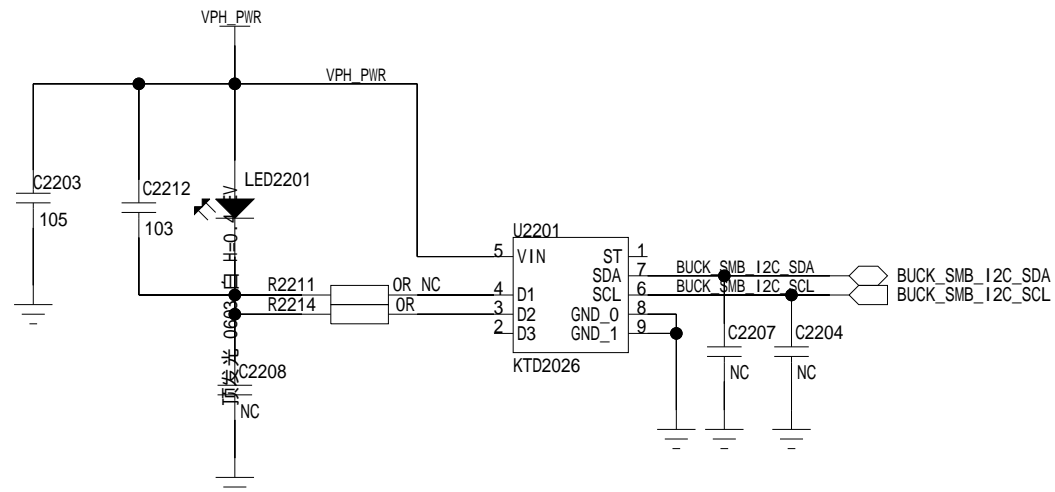
# Battery Connector

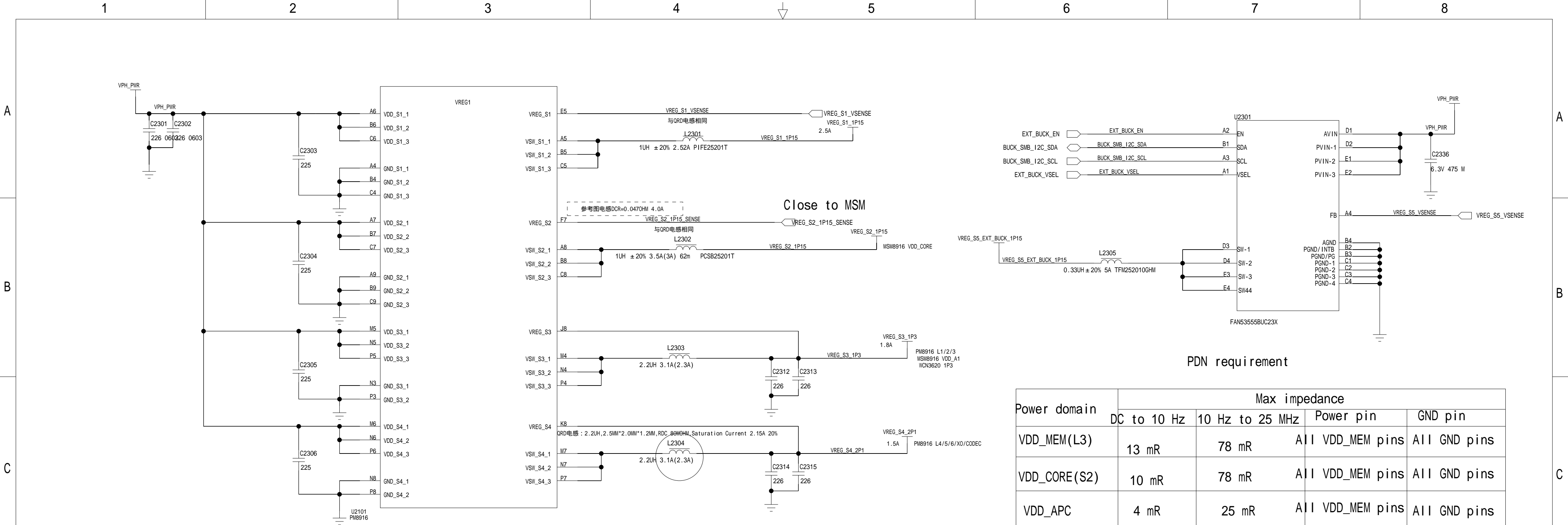


	Sign	Date	Type:		
Drawn By			Draw No: Schematic1		
Checked By			Sheet	of 11	Ver:
Standard By					
Approved By					

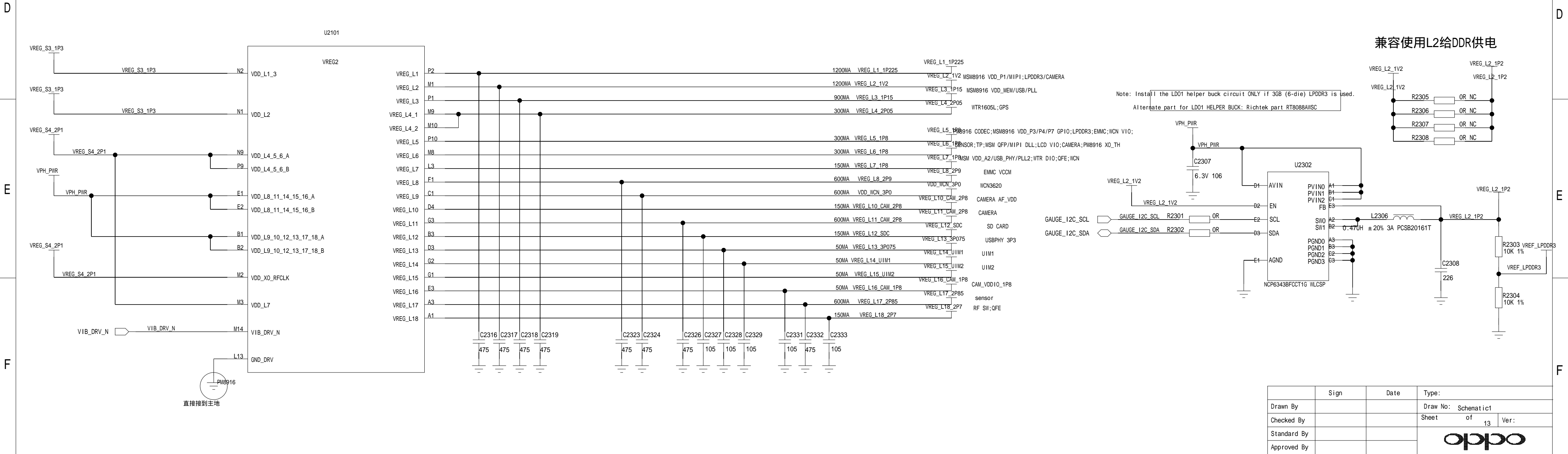


RGB LED DRIVER





Power domain	Max impedance			
	DC to 10 Hz	10 Hz to 25 MHz	Power pin	GND pin
VDD_MEM(L3)	13 mR	78 mR	All VDD_MEM pins	All GND pins
VDD_CORE(S2)	10 mR	78 mR	All VDD_MEM pins	All GND pins
VDD_APC	4 mR	25 mR	All VDD_MEM pins	All GND pins
VDD_MODEM(S1)	22 mR	78 mR	M19, P19 K17, K21, T19, T17, P17, P21	
	22 mR	78 mR	AK25, AK27, AM27, AT27, AM23, AM29, AK23, AP25, AT25 AM29, AK29	
VDD_P1(L2)	TBD	TBD	All VDD_P1 pins	All GND pins





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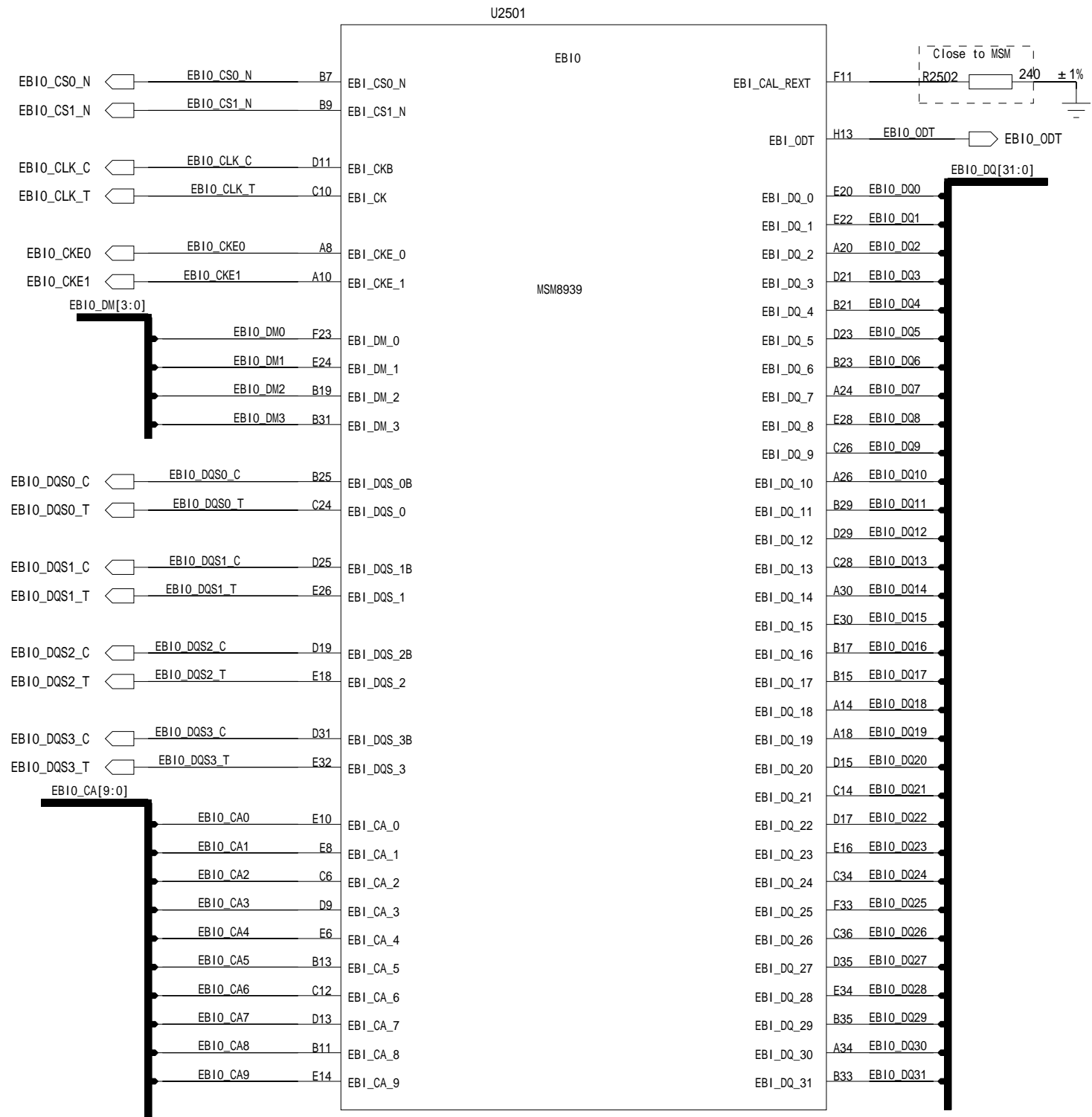
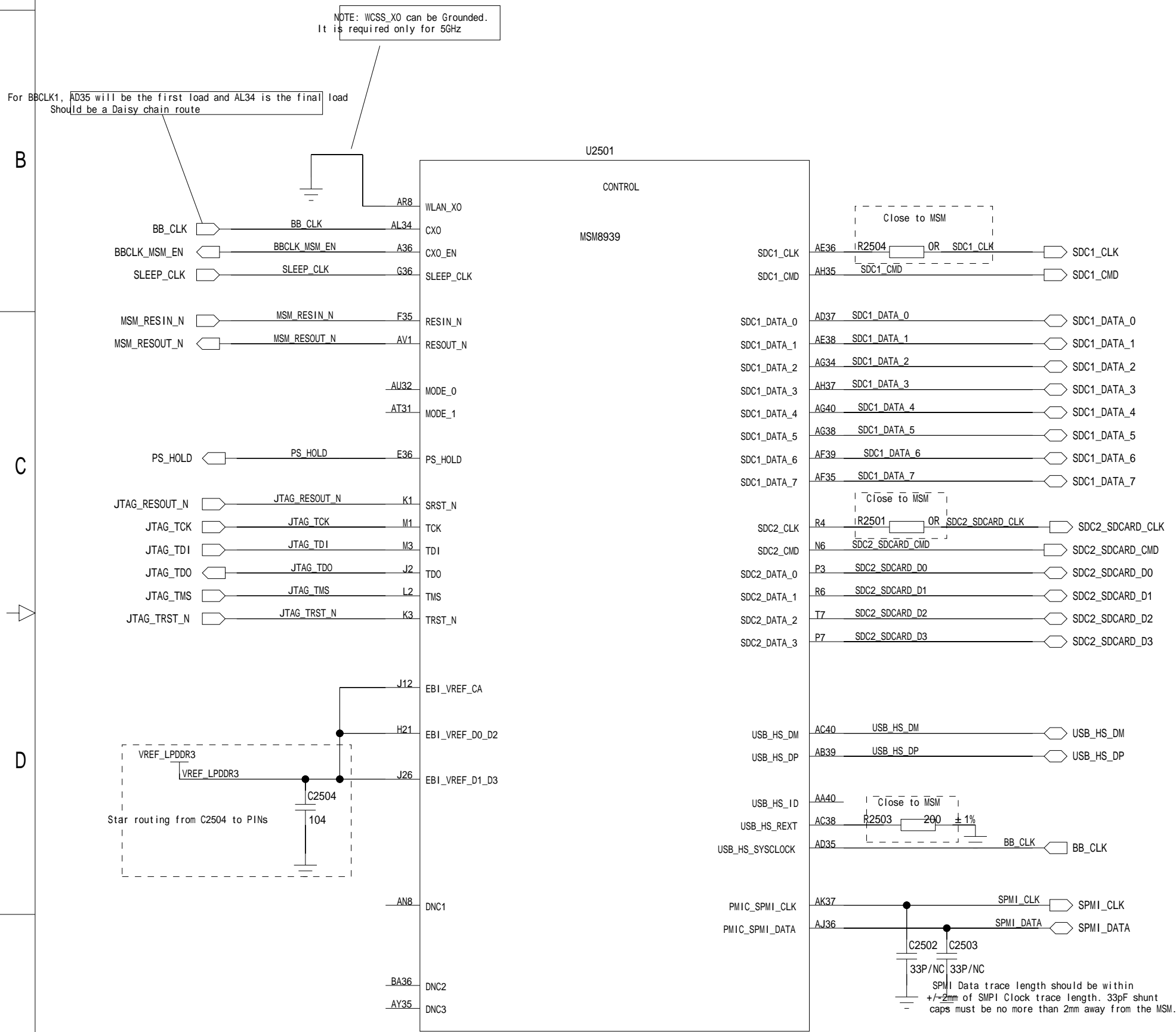
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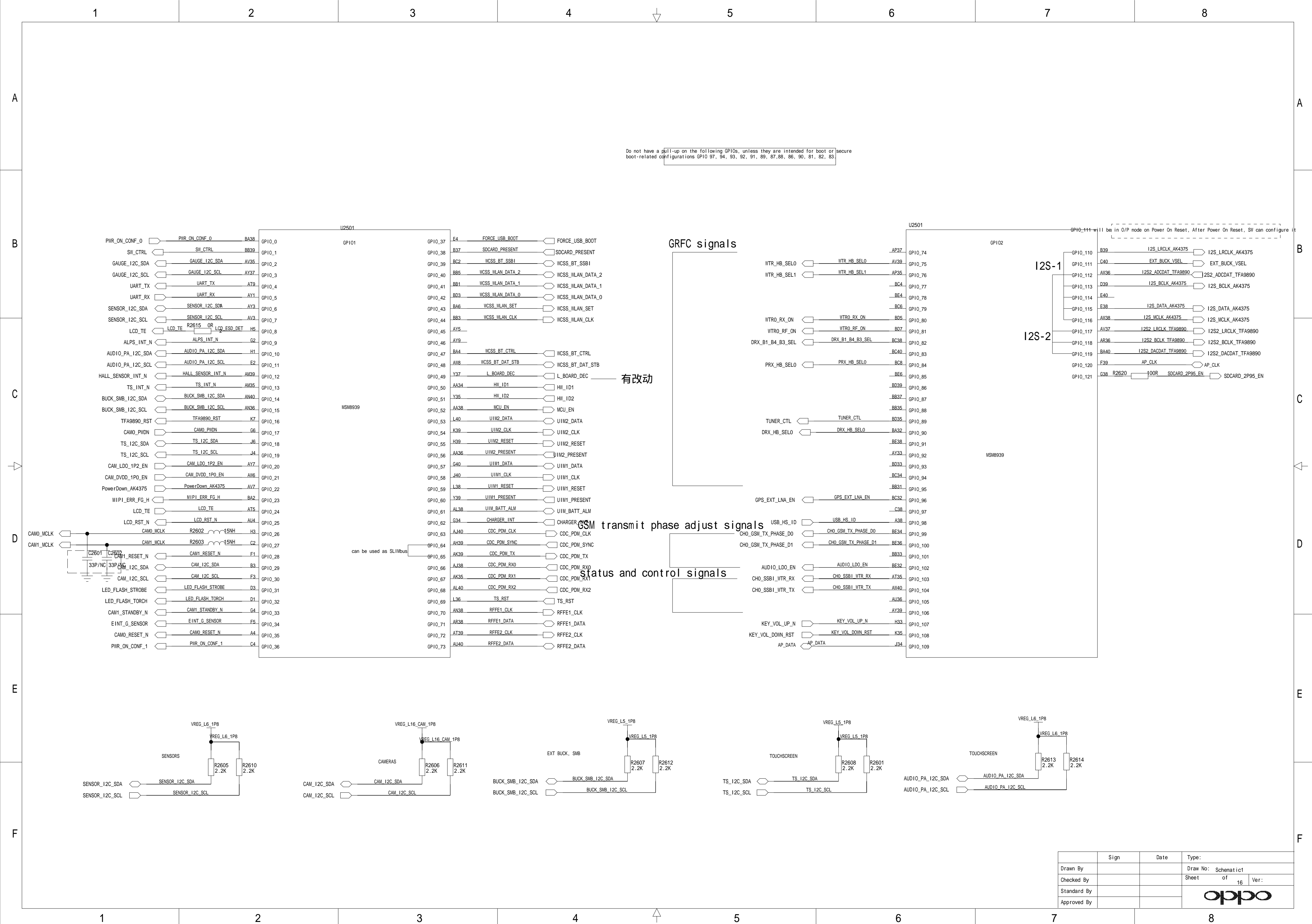
E

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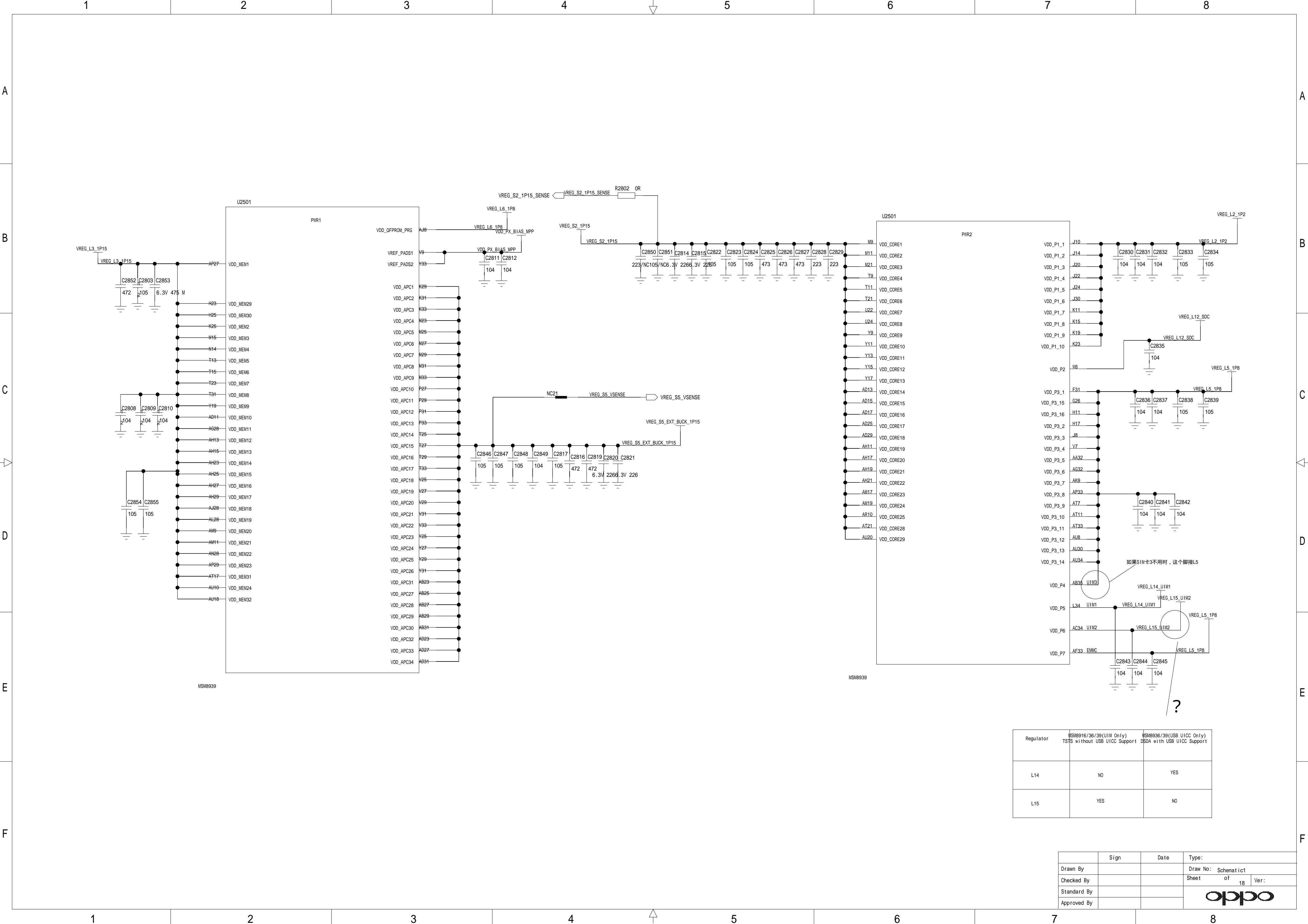


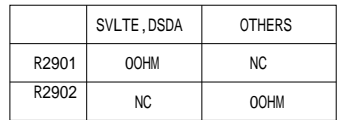
	Sign	Date	Type:
Drawn By			Draw No: Schematic1
Checked By			Sheet of 15 Ver:
Standard By			oppo
Approved By			











PAD#	MSM8916 name	MSM8939 name
AB11, AB19	NC *	VDD_PLL1
P23, P25, G22	NC *	VDD_PLL2
AK25, AK27, AM27, AP25 AT25, M19, P19	NC *	VDD_MODEM

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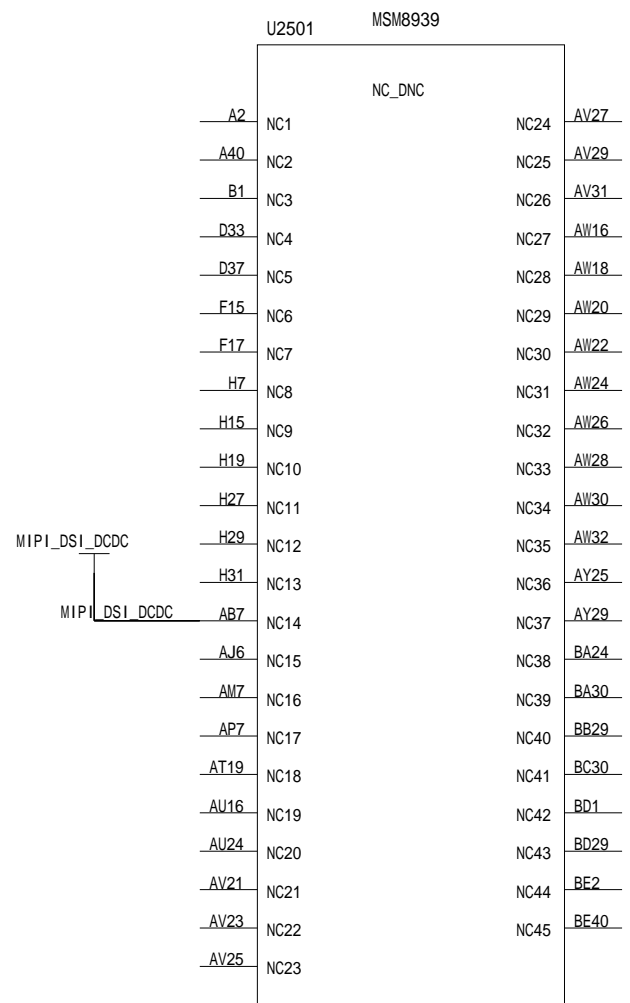
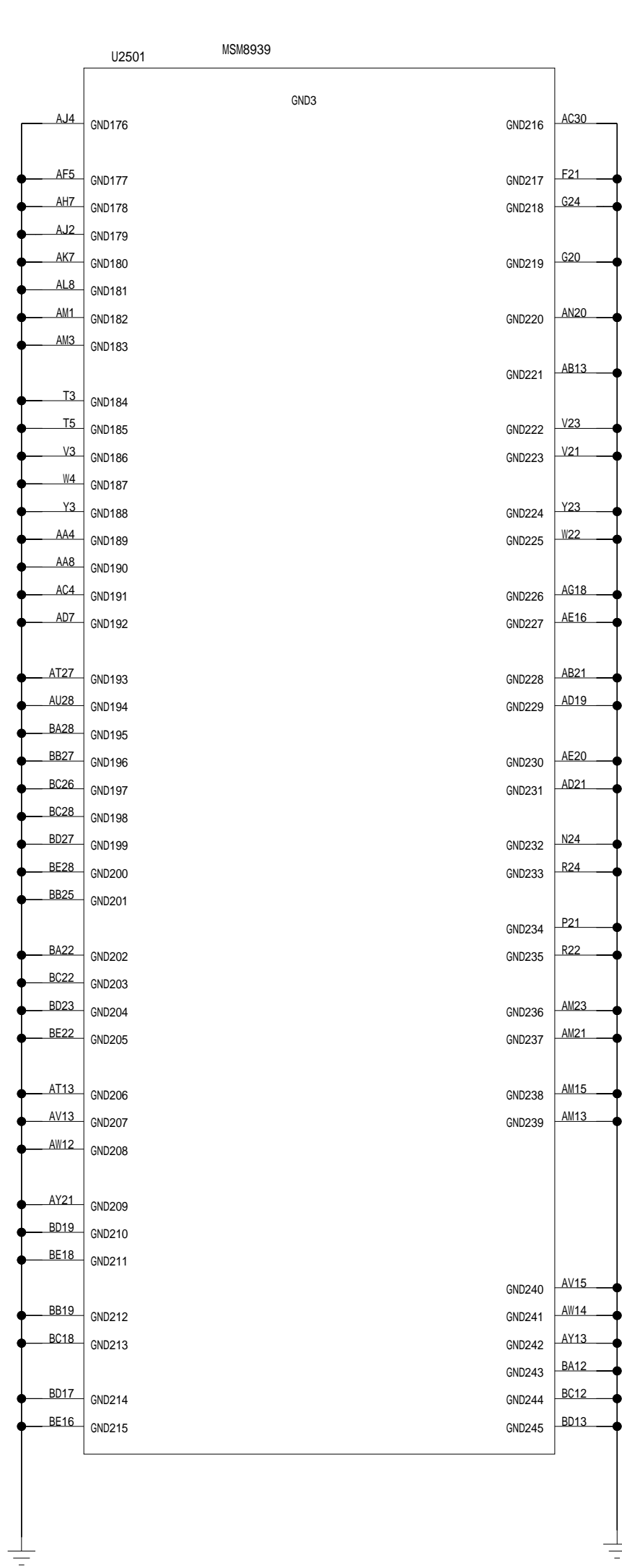
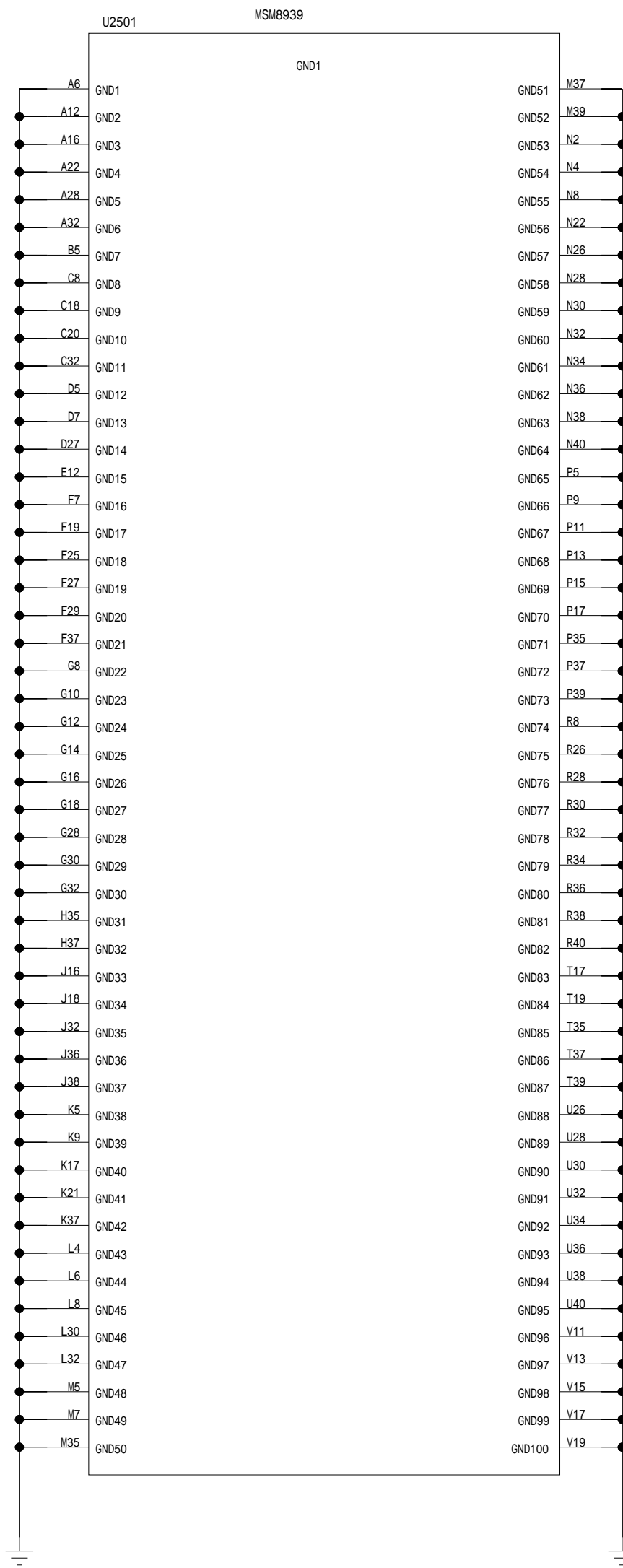
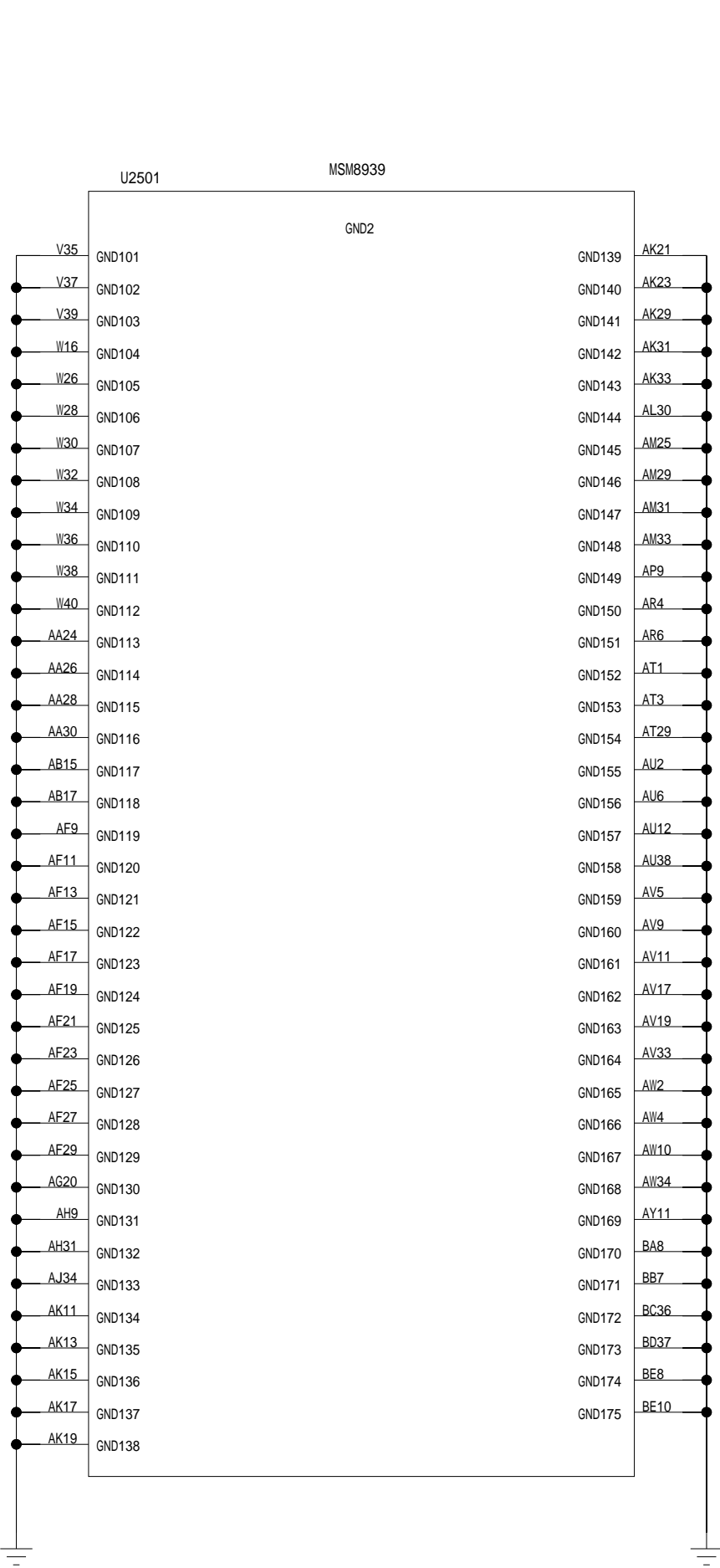
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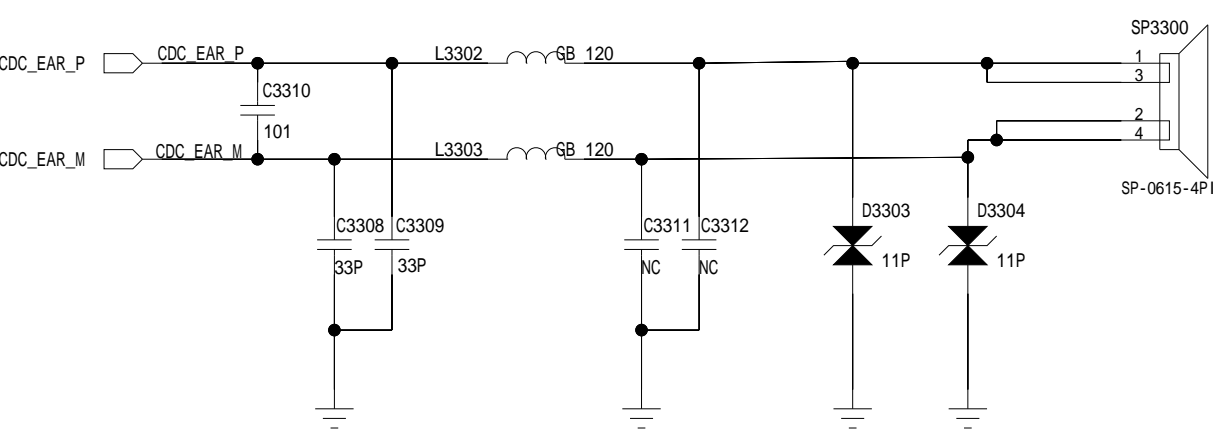
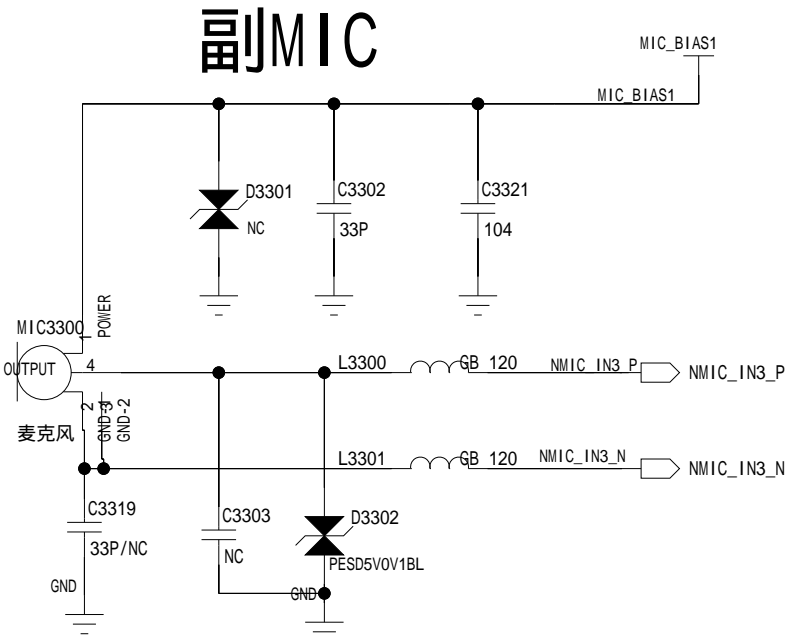
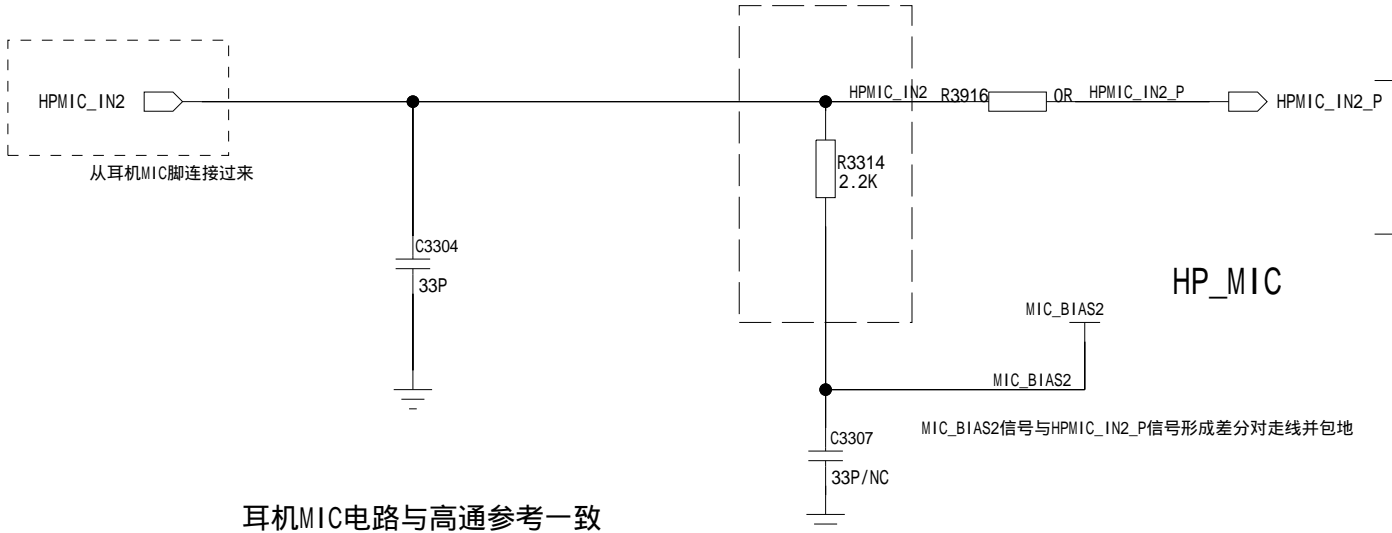
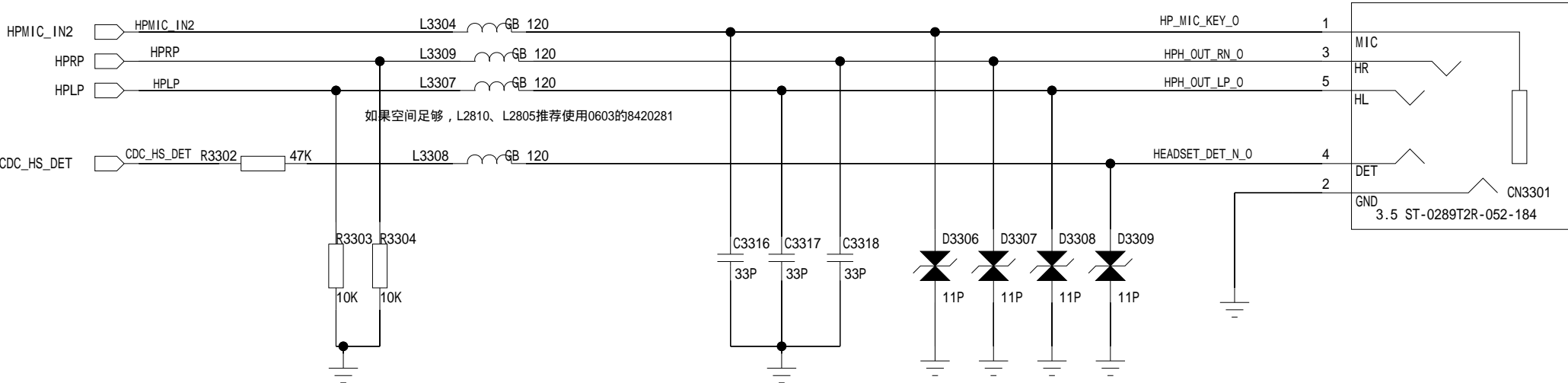


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Drawn By			Draw No: Schematic1
Checked By			Sheet of 25 Ver:
Standard By			oppo
Approved By			





HP MIC

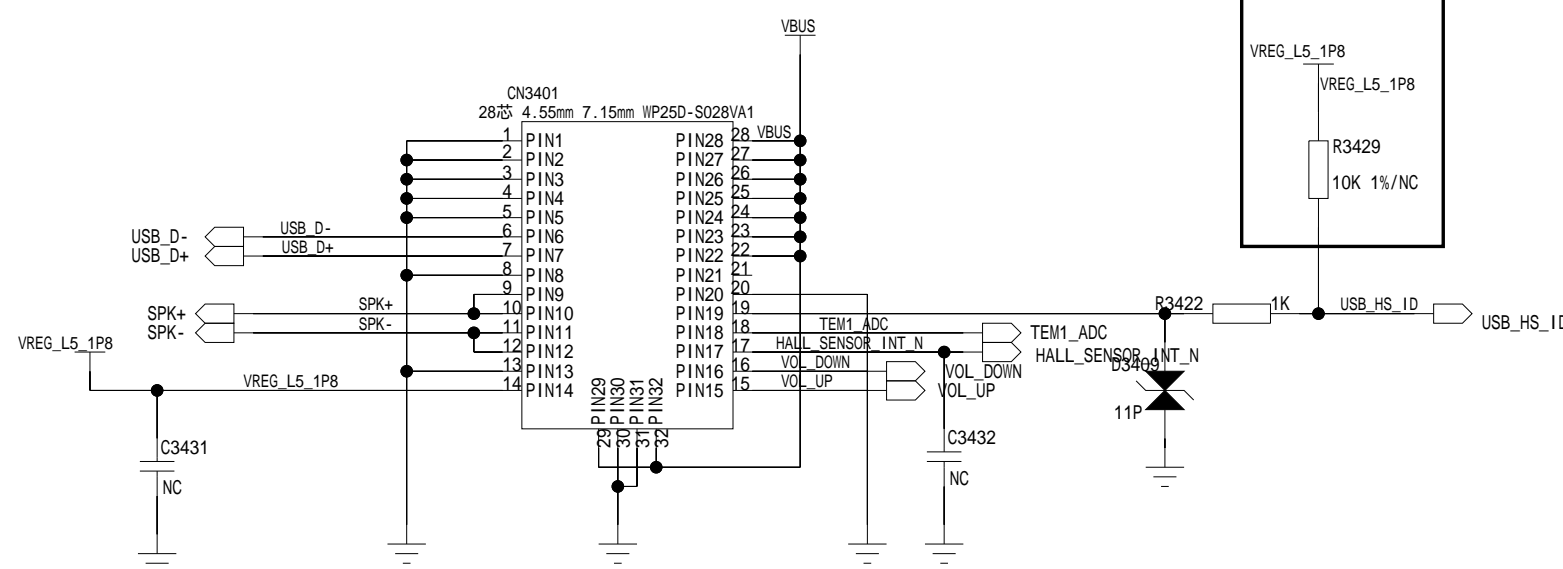


	Sign	Date	Type:
Drawn By			Draw No: Schematic1
Checked By			Sheet of 19 Ver:
Standard By			oppo
Approved By			



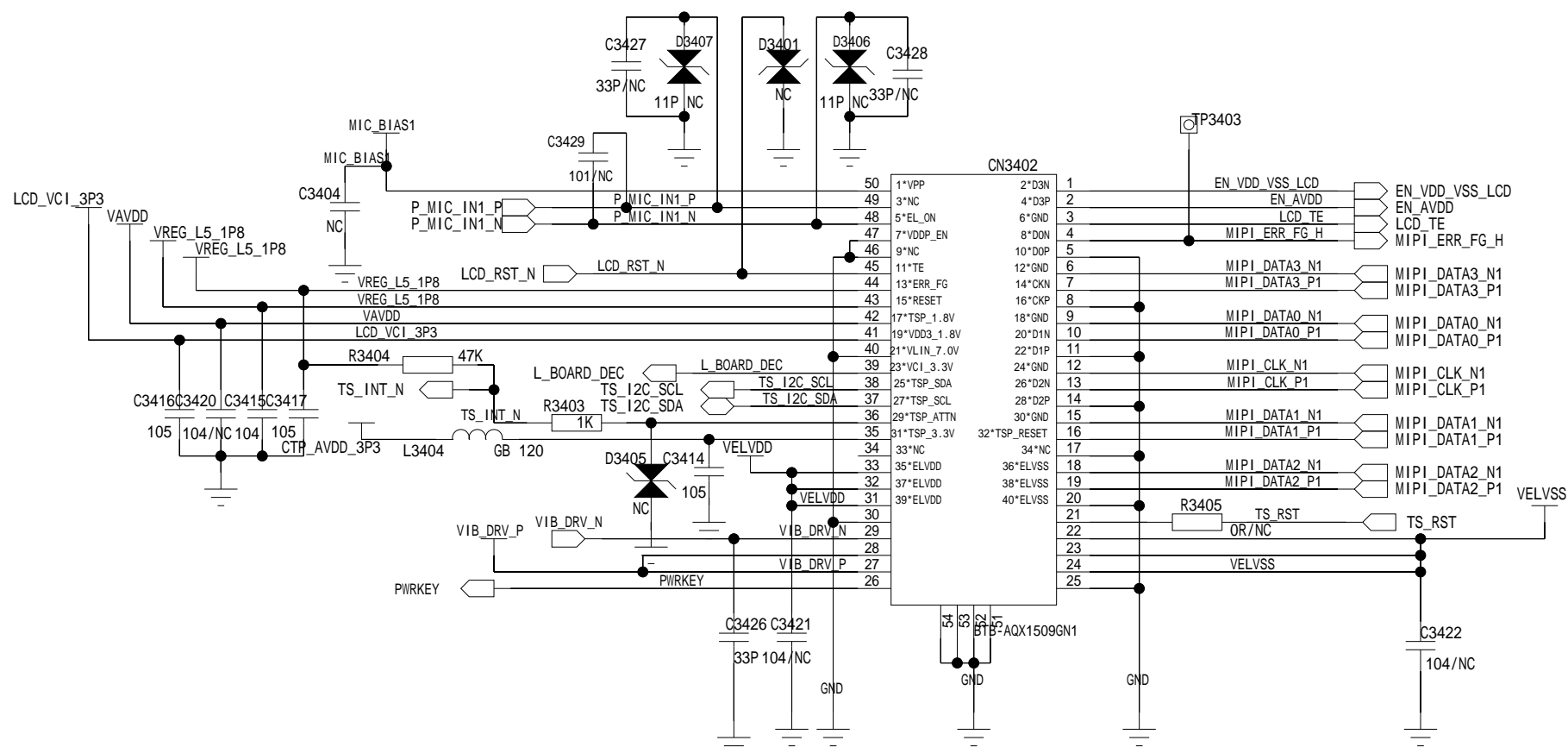
# Sub board connector

PVT新增

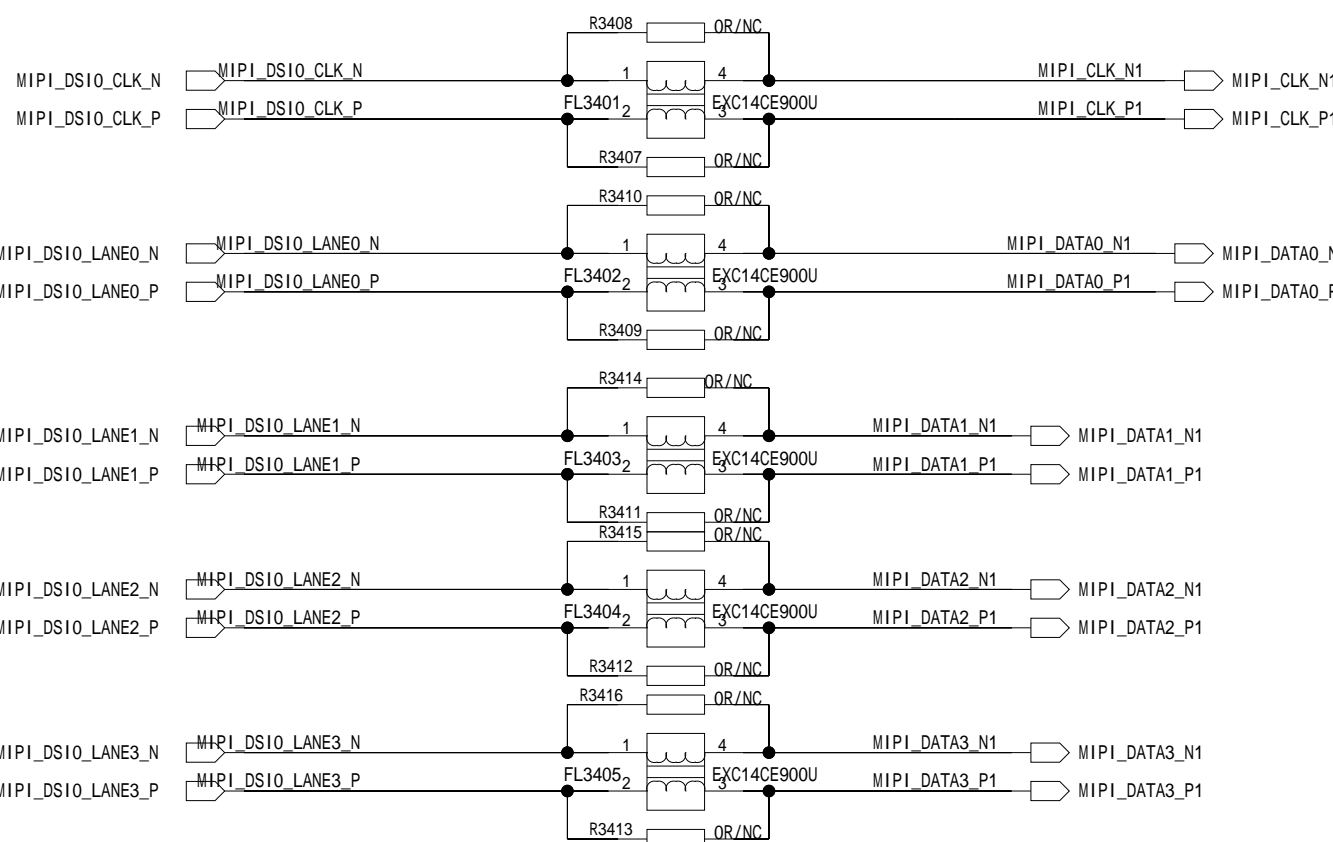
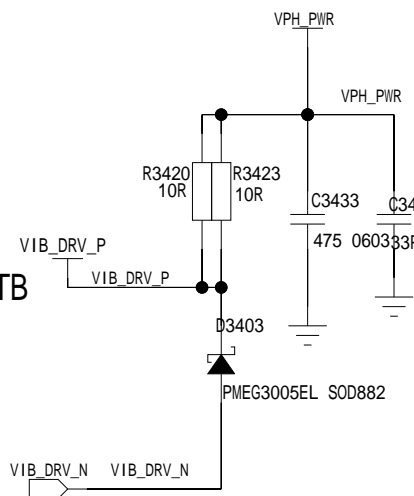


# LCM Connector

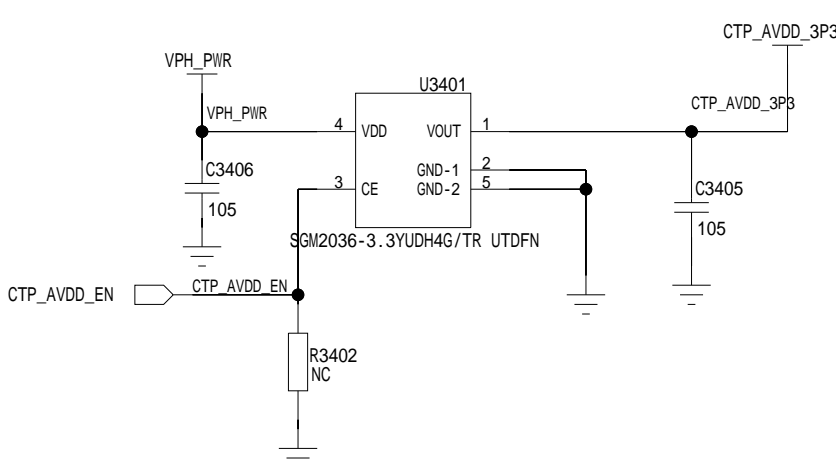
MIPI测试点尽量靠近BTB端



靠近BTB

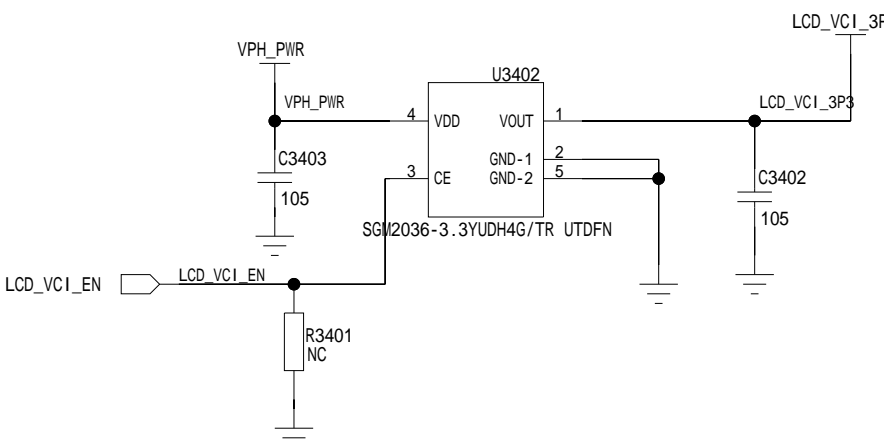


# CTP AVDD 3.3V



SGM2031-2.8YUDH4G/TR UTDFN, 3.3V/250mA,

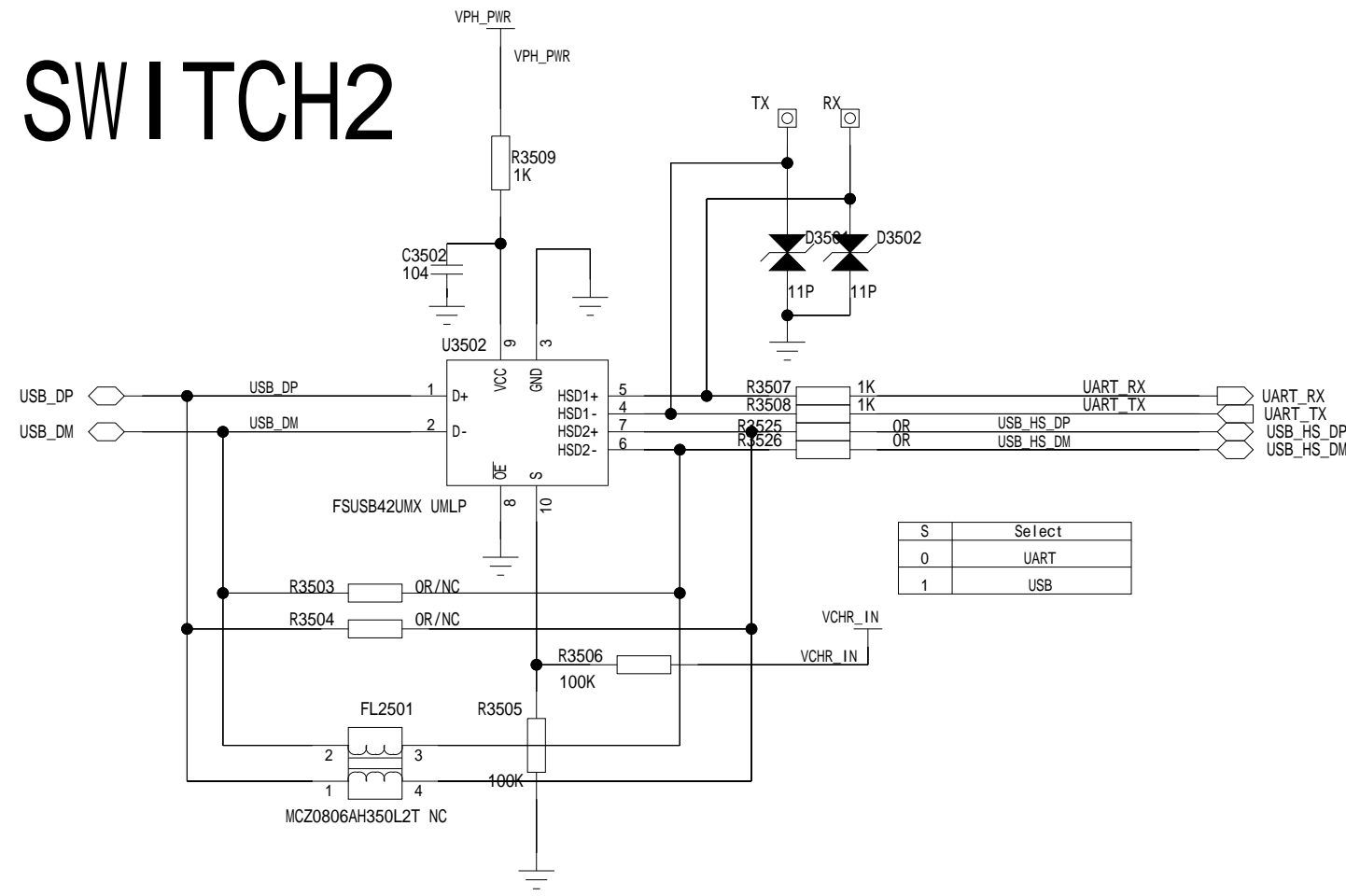
# LCD AVDD(3.3V)



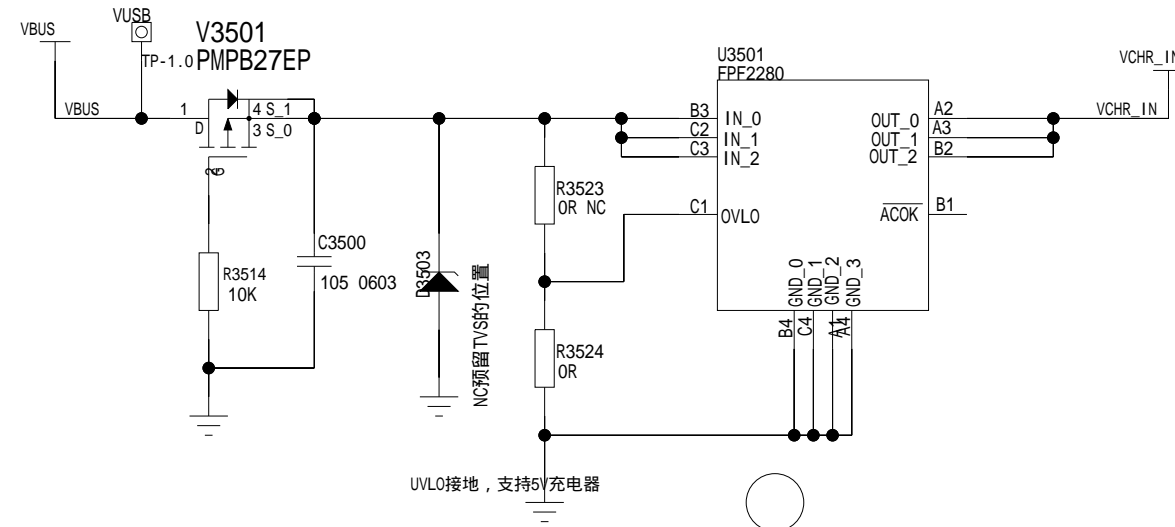
SGM2031-2.8YUDH4G/TR UTDFN, 3.3V/250mA,

	Sign	Date	Type:
Drawn By			Draw No: 14013
Checked By			Sheet of 26 Ver:
Standard By			oppo
Approved By			

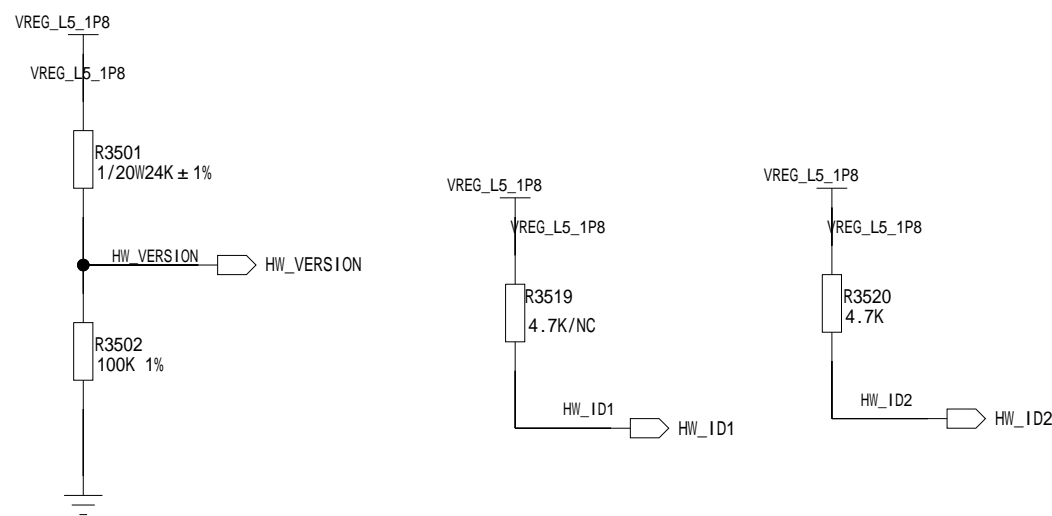
# USB SWITCH2



# OVP



# HW\_VERSION

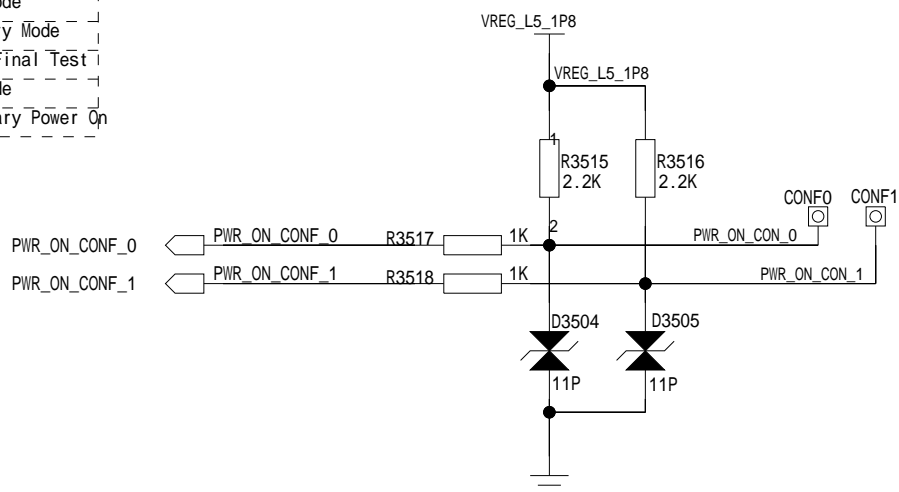


	EVT	DVT	PVT	MP
HW0分压值	1.452V	1.19V	0.9V	0.6V
R3501-上拉	24K	51K	100K	200K
R3502-下拉	100K	100K	100K	100K

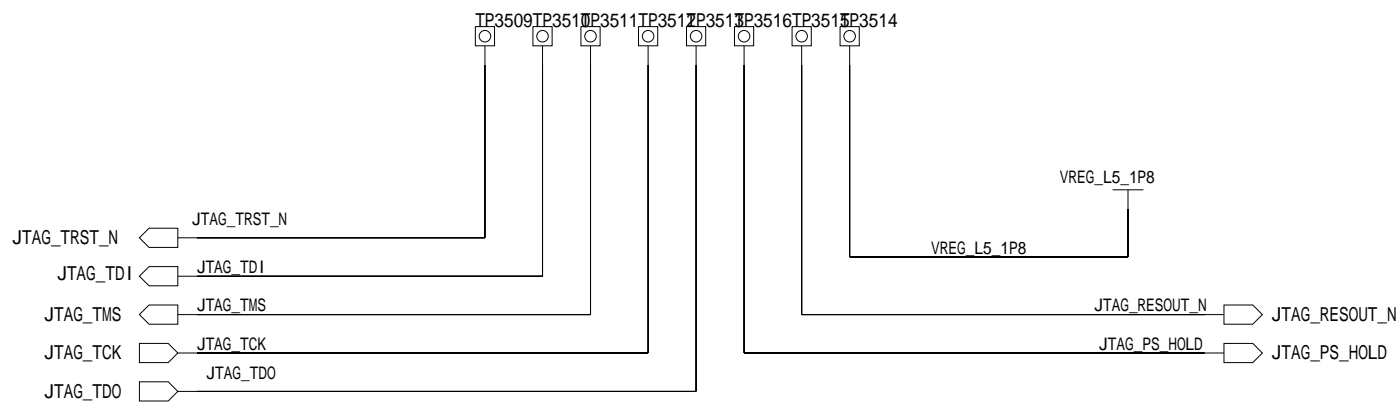
硬件版本	HW_ID1	HW_ID2	HW_ID3
移动	0	0	0
联通	0	0	1
外销W	0	1	0
外销137	1	0	0
外销预留	1	1	0

# Test Confige

综测校准测试点		
BOOT MODE		
CONF_0	CONF_1	Mode
0	0	Factory Mode
0	1	WLAN Final Test
1	0	RF mode
1	1	Ordinary Power On

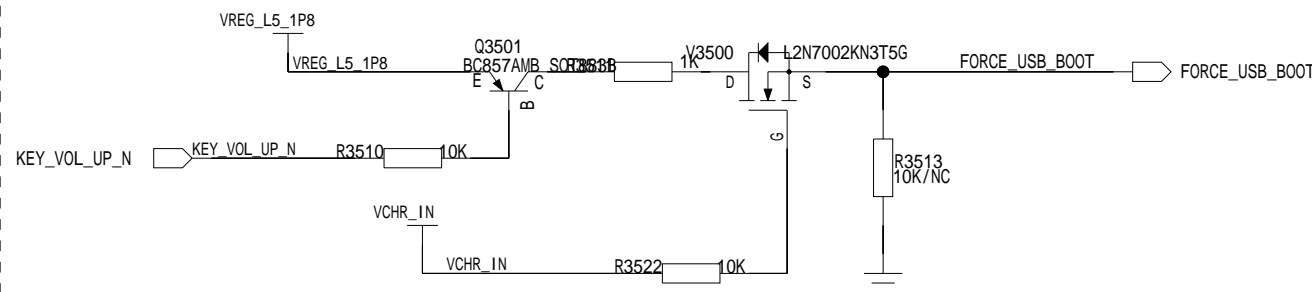


# JTAG DEBUG



# UPDATE

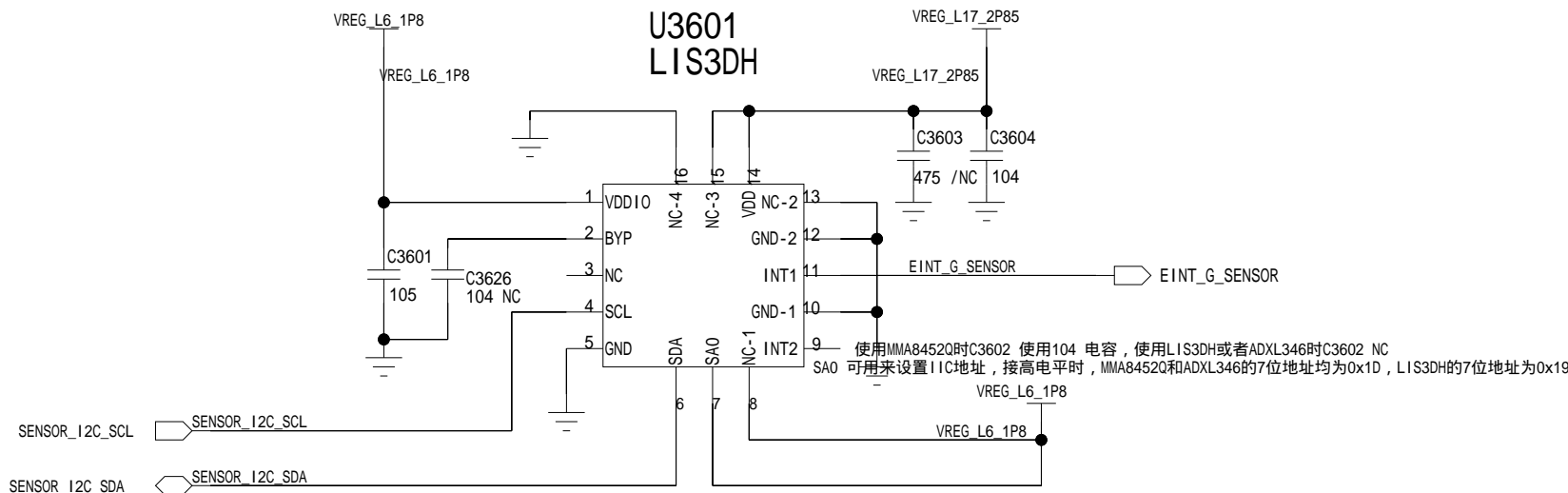
下载模式测试点：高电平有效



	Sign	Date	Type:
Drawn By			Draw No: Schematic1
Checked By			Sheet of 22 Ver:
Standard By			oppo
Approved By			

# G-sensor

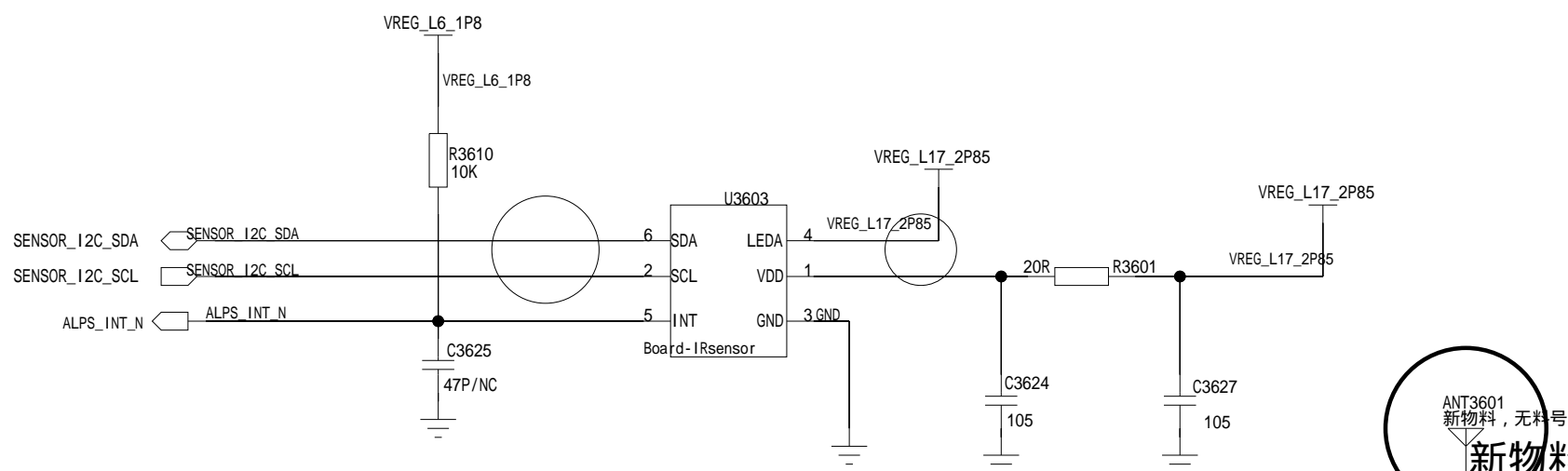
LIS3DH Slave address 0X19(0011001)



IIC器件端EVT阶段串联0R电阻，如无问题，PVT短接去掉。

SA0 接低电平时，MMA8452Q和ADXL346的7位地址均为0x1C，LIS3DH的7位地址为0x18

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

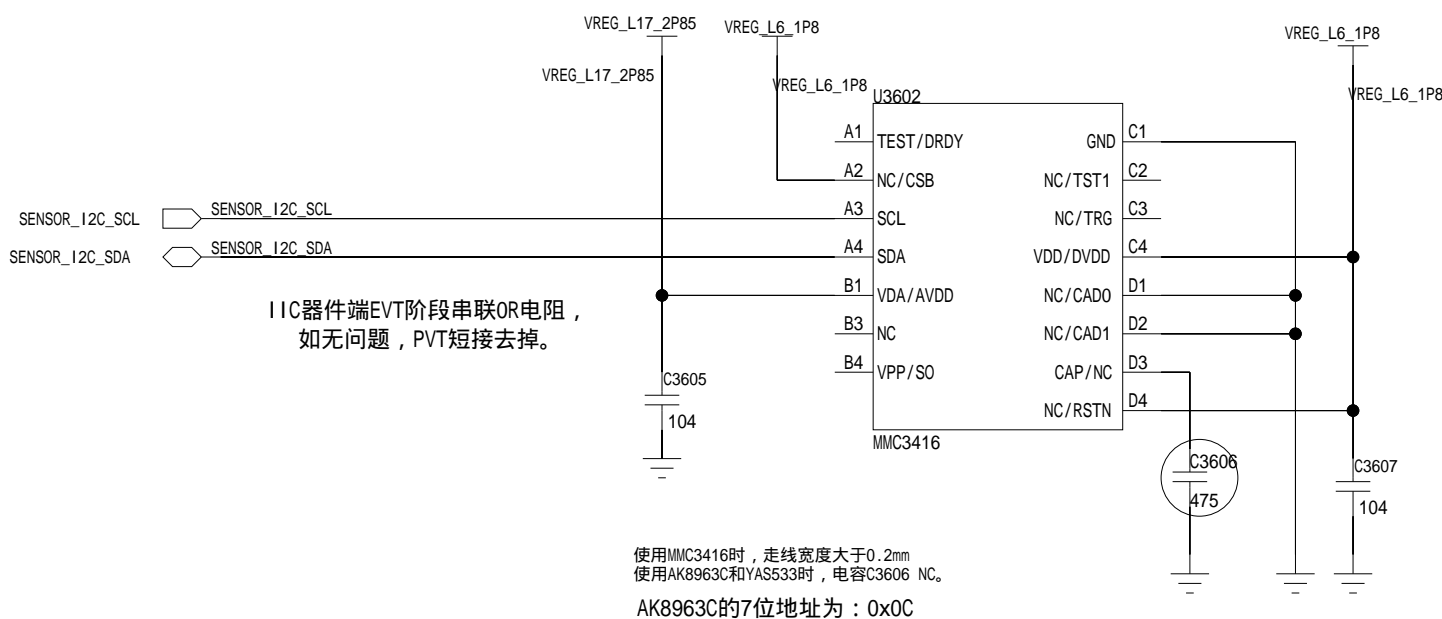


IIC器件端EVT阶段串联0R电阻，如无问题，PVT短接去掉。

有改动

新物料，无料号

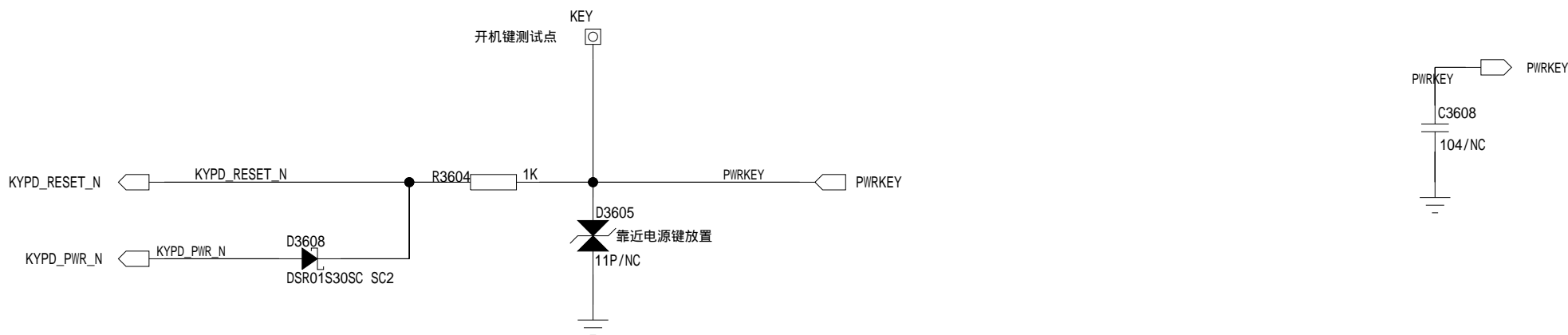
# M-sensor



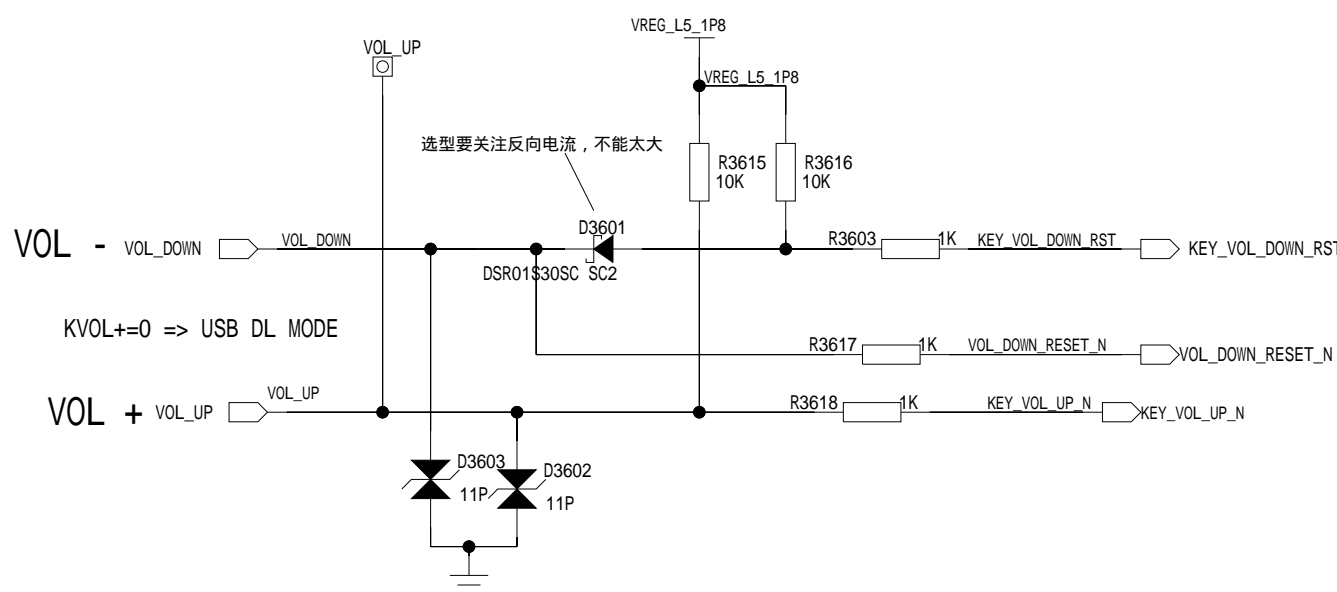
IIC器件端EVT阶段串联0R电阻，如无问题，PVT短接去掉。

使用MMC3416时，走线宽度大于0.2mm  
使用AK8963C和YAS533时，电容C3606 NC。  
AK8963C的7位地址为：0x0C

# POWER KEY



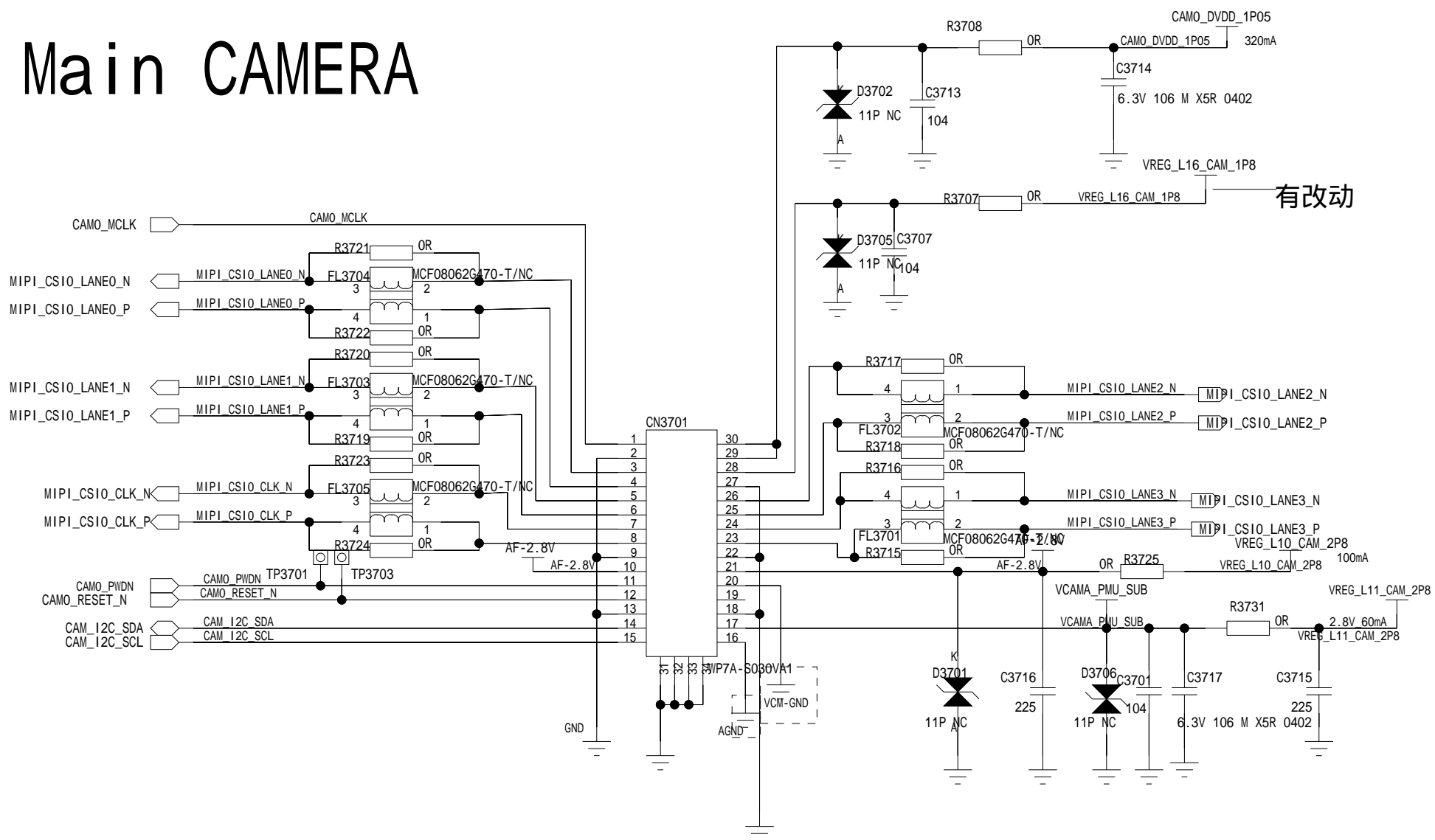
# VOL+/- KEY



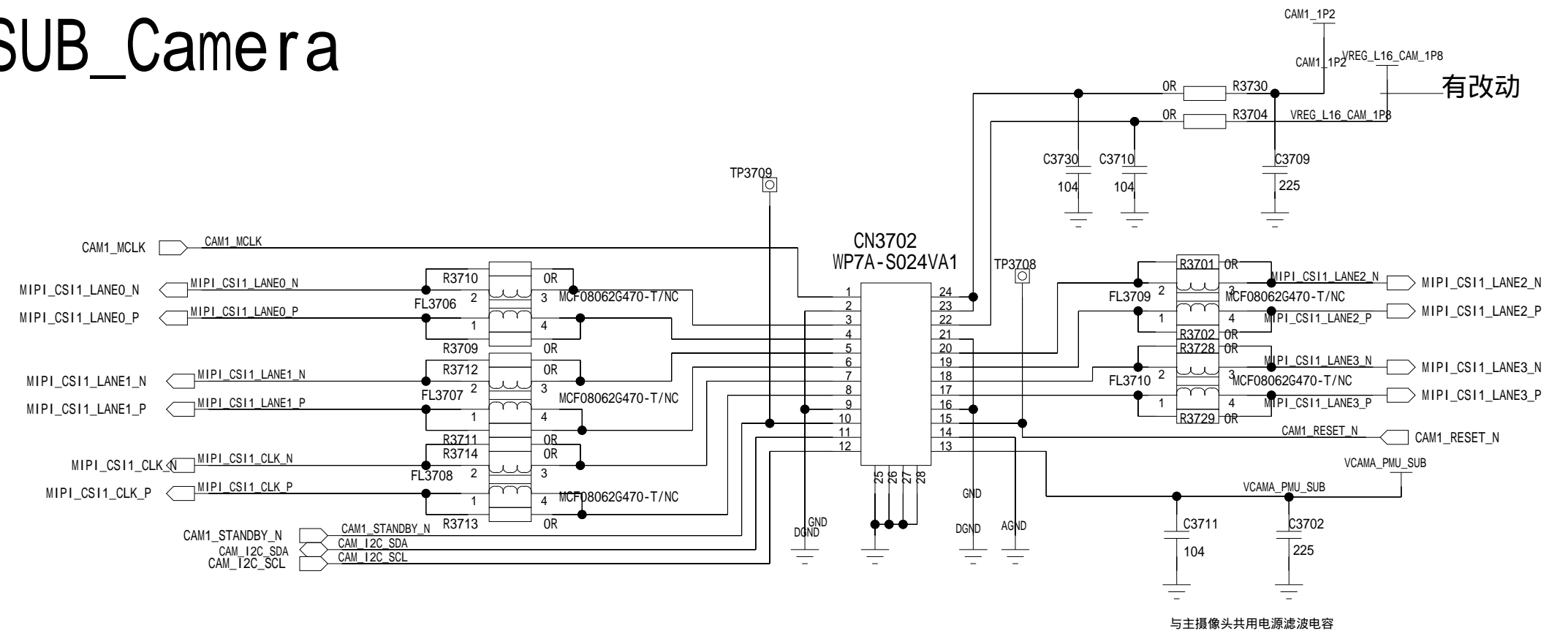
	Sign	Date	Type: 14013
Drawn By			Draw No: 26
Checked By			Sheet 23 of 23
Standard By			Sensor+KEY+CTP
Approved By			Ver: 14013

oppo

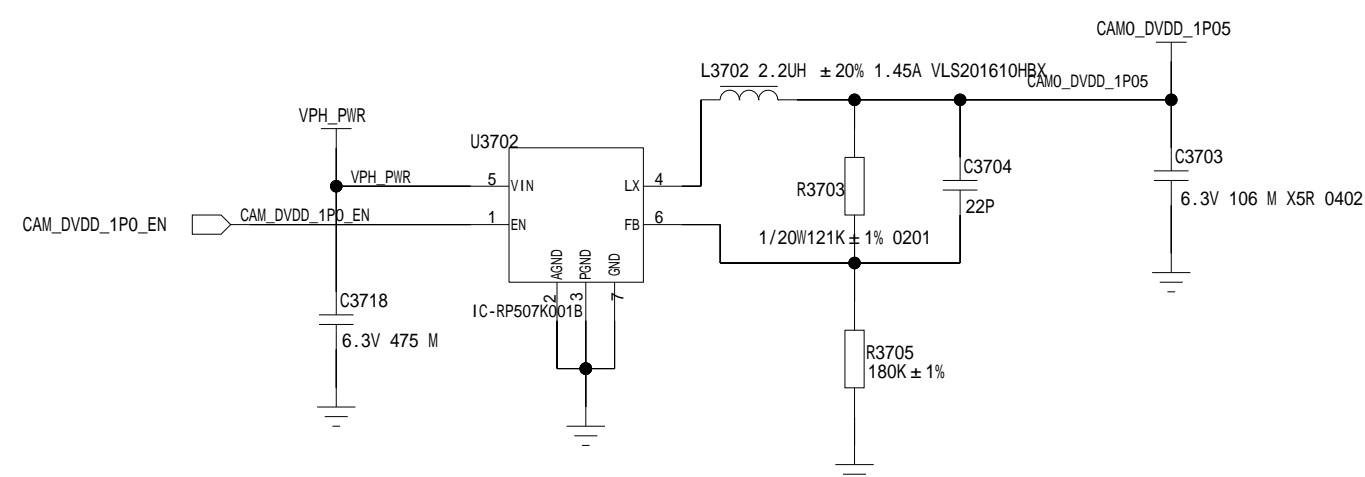
# Main CAMERA



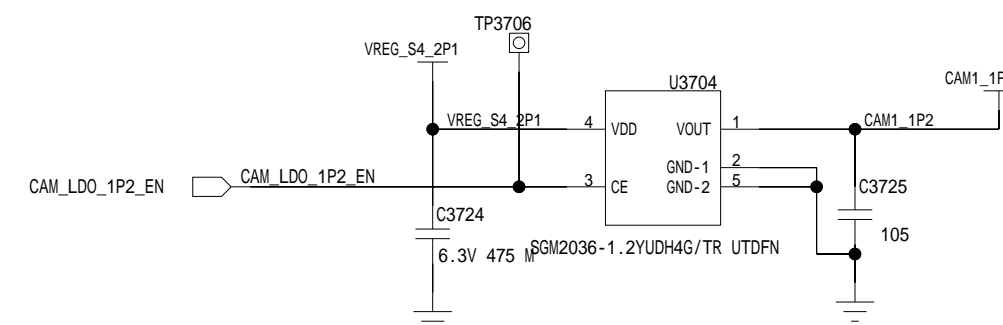
## SUB\_Camera



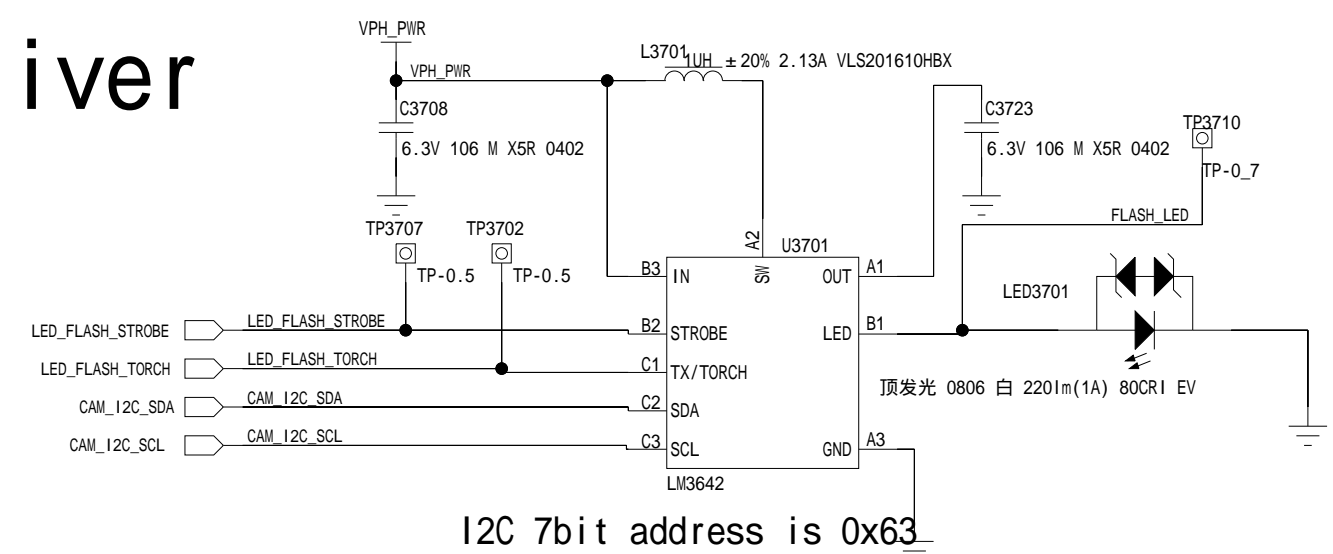
## Main Camera DVDD(1.0V)




注：此IC要维护databook

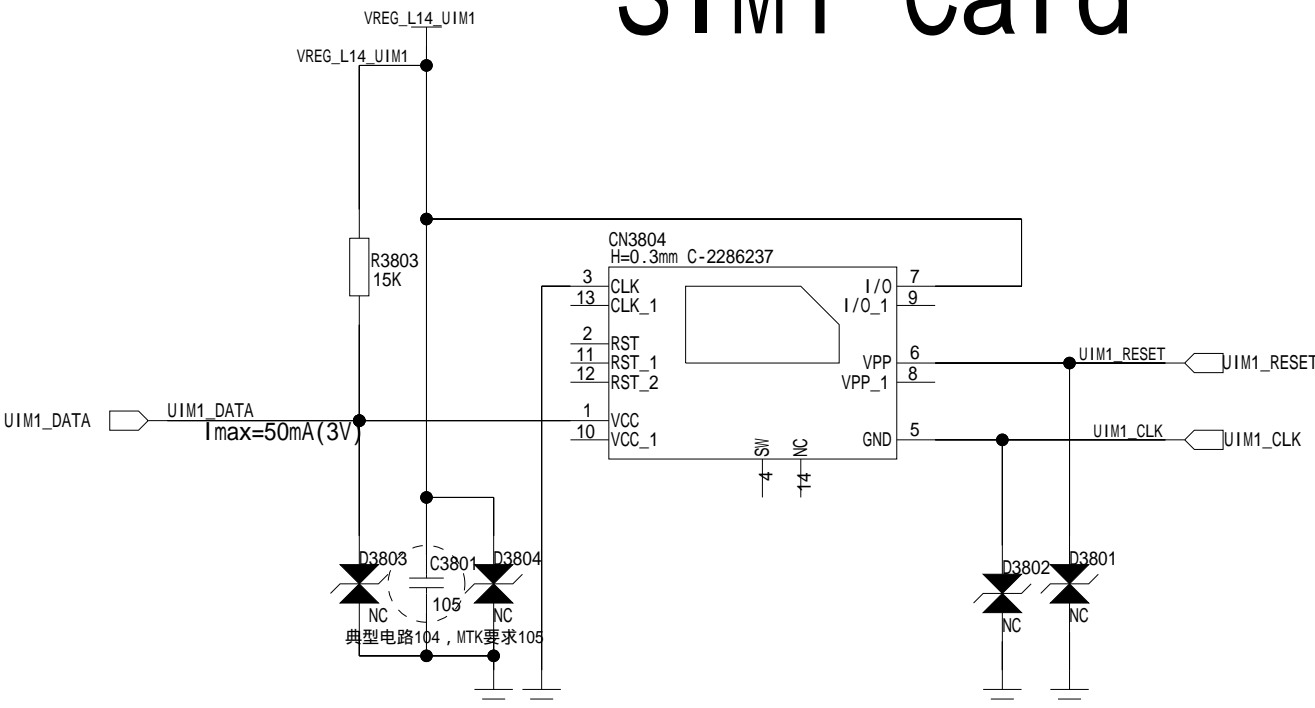


# Flash LED Driver



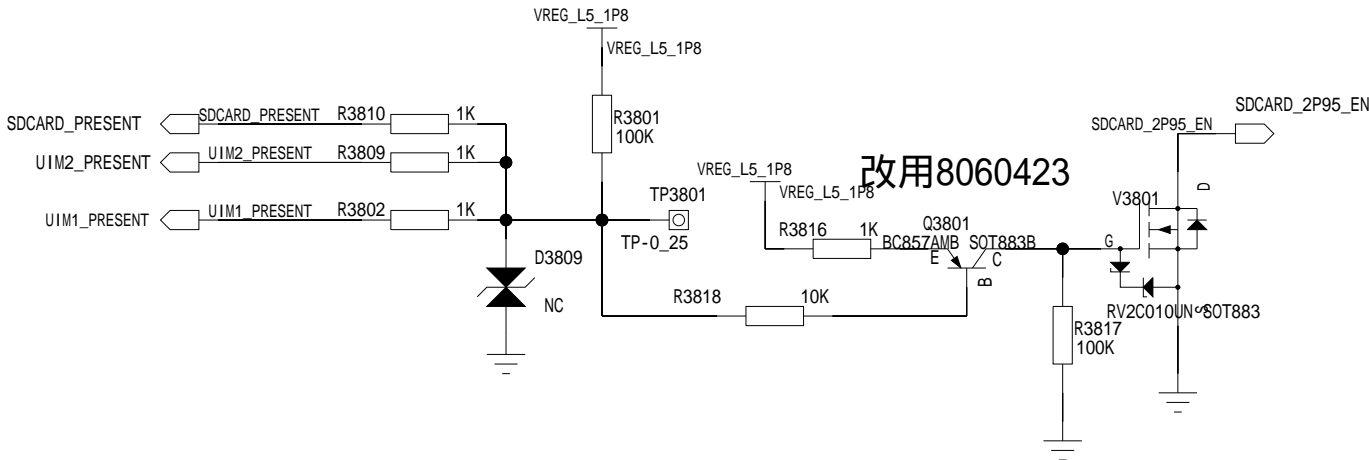
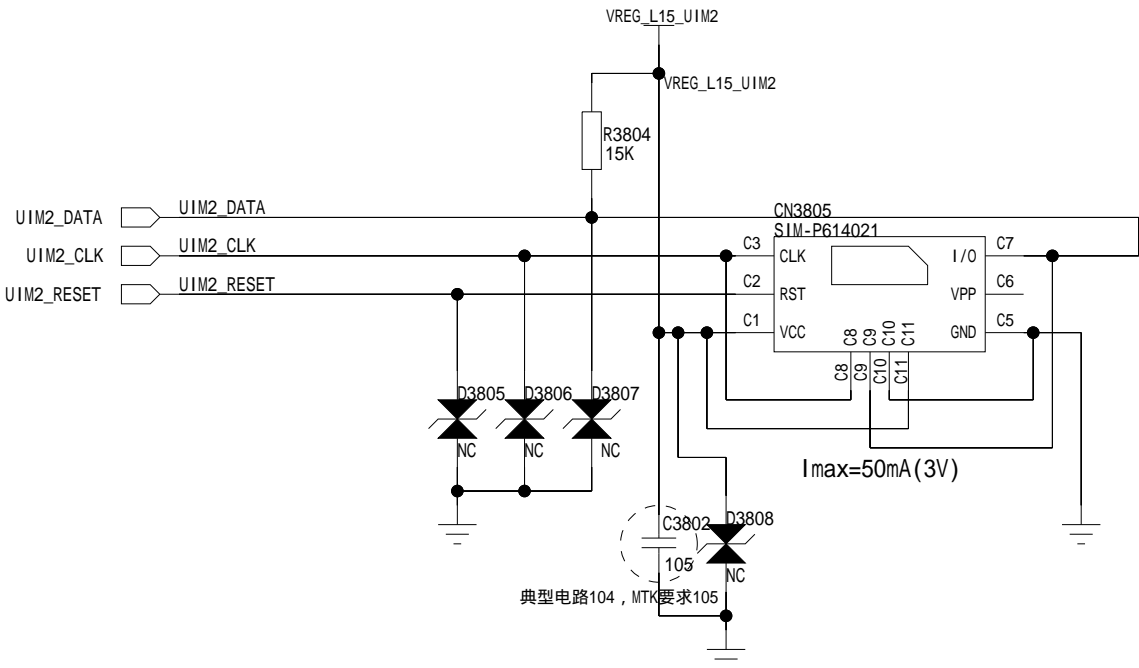
	Sign	Date	Type:
Drawn By			Draw No: R629L
Checked By			Sheet 1 of 18 CAMERA 45 LED Ver:
Standard By			
Approved By			

SIM1 Card

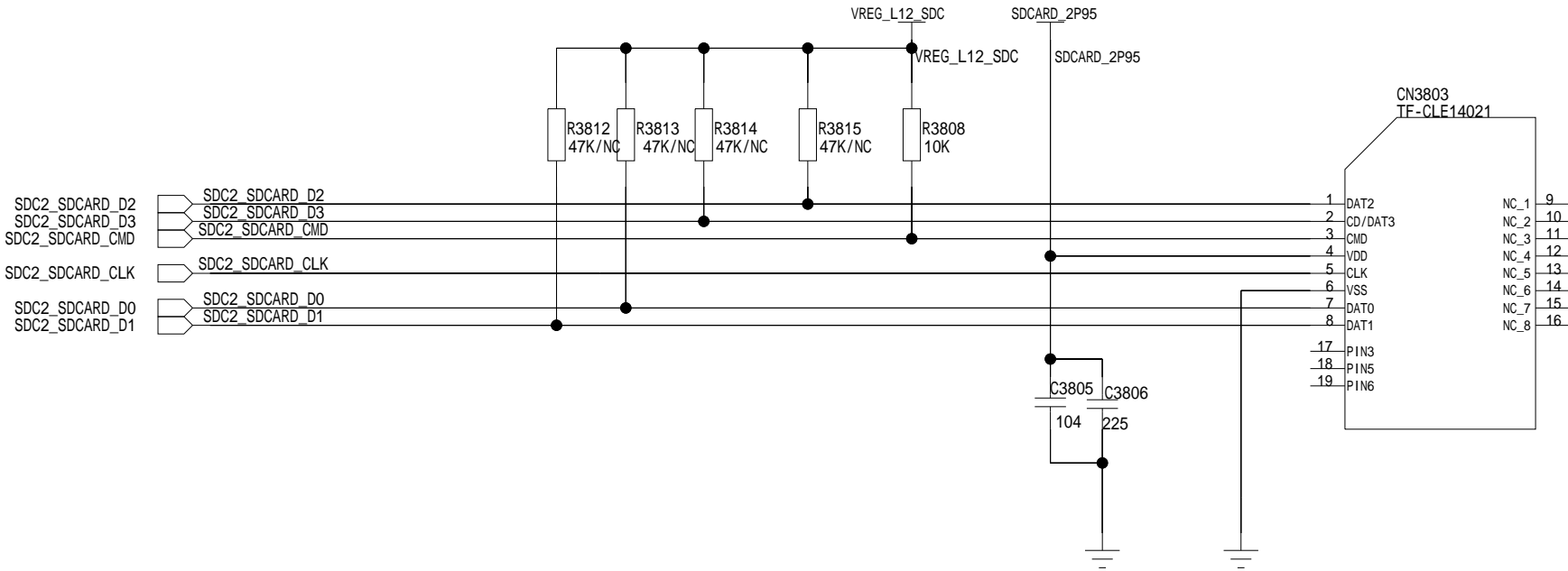
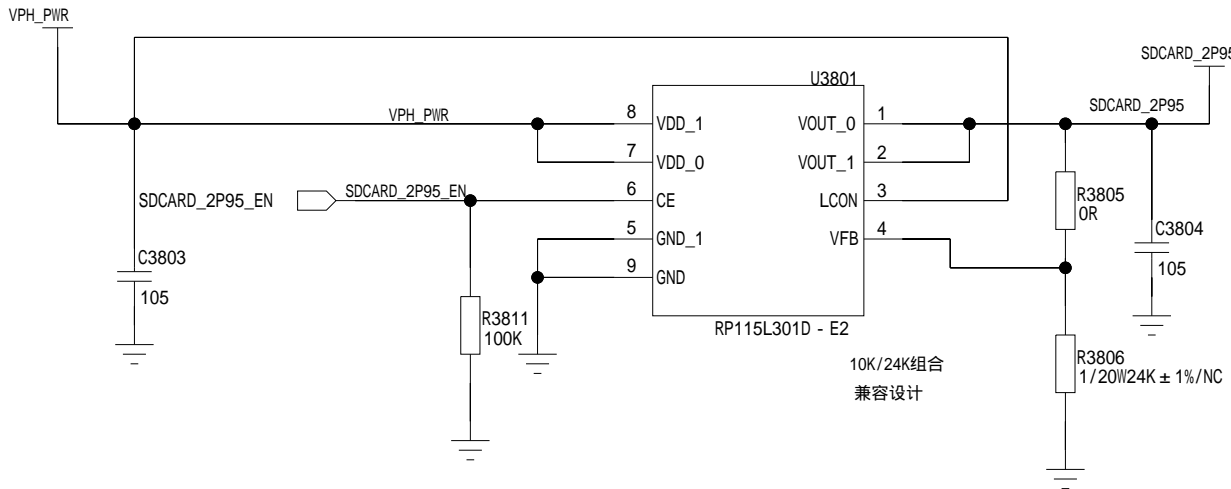


结构设计导致pin脚网络定义与封装定义相反（中心对称）

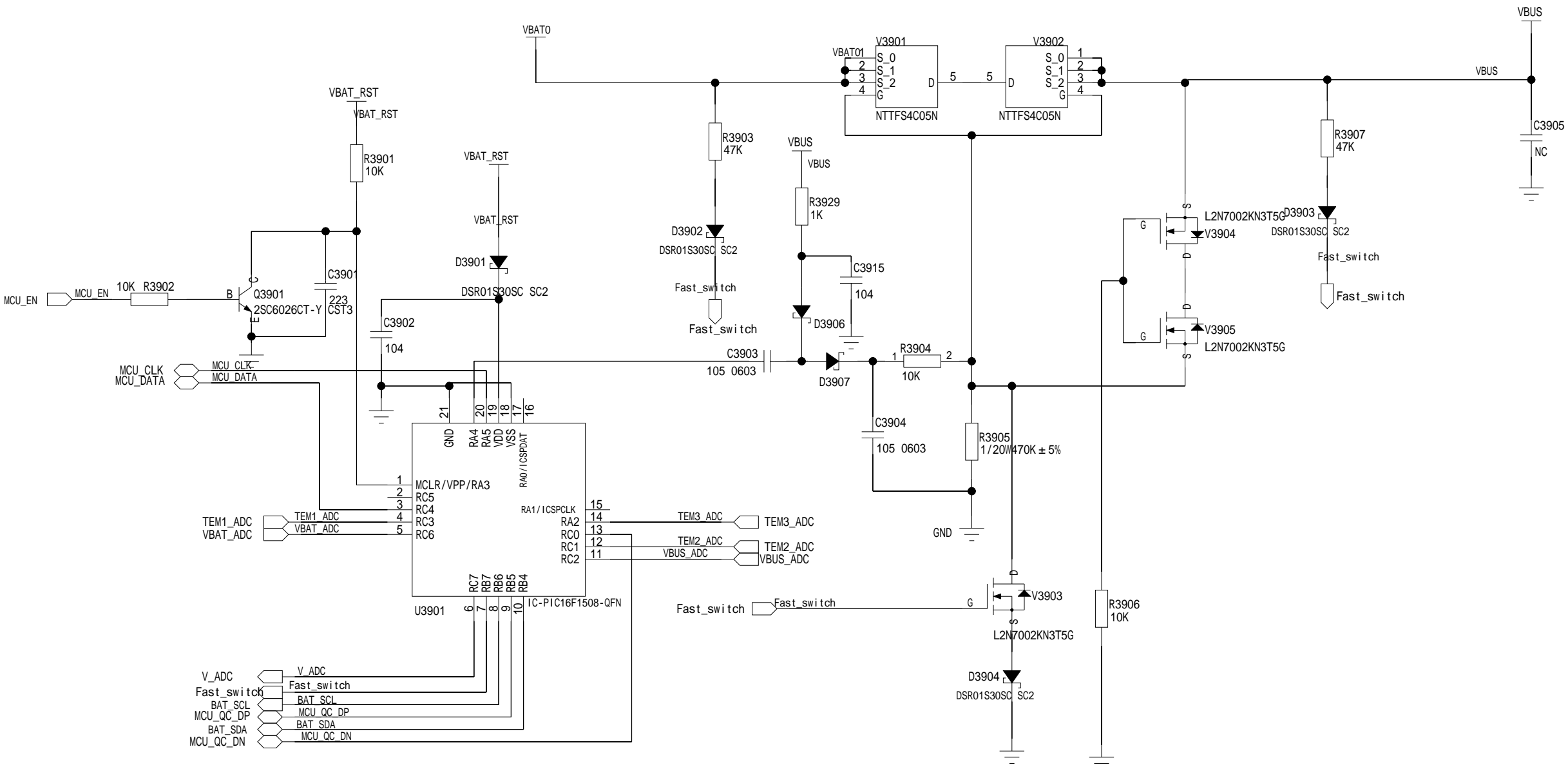
SIM2 Card



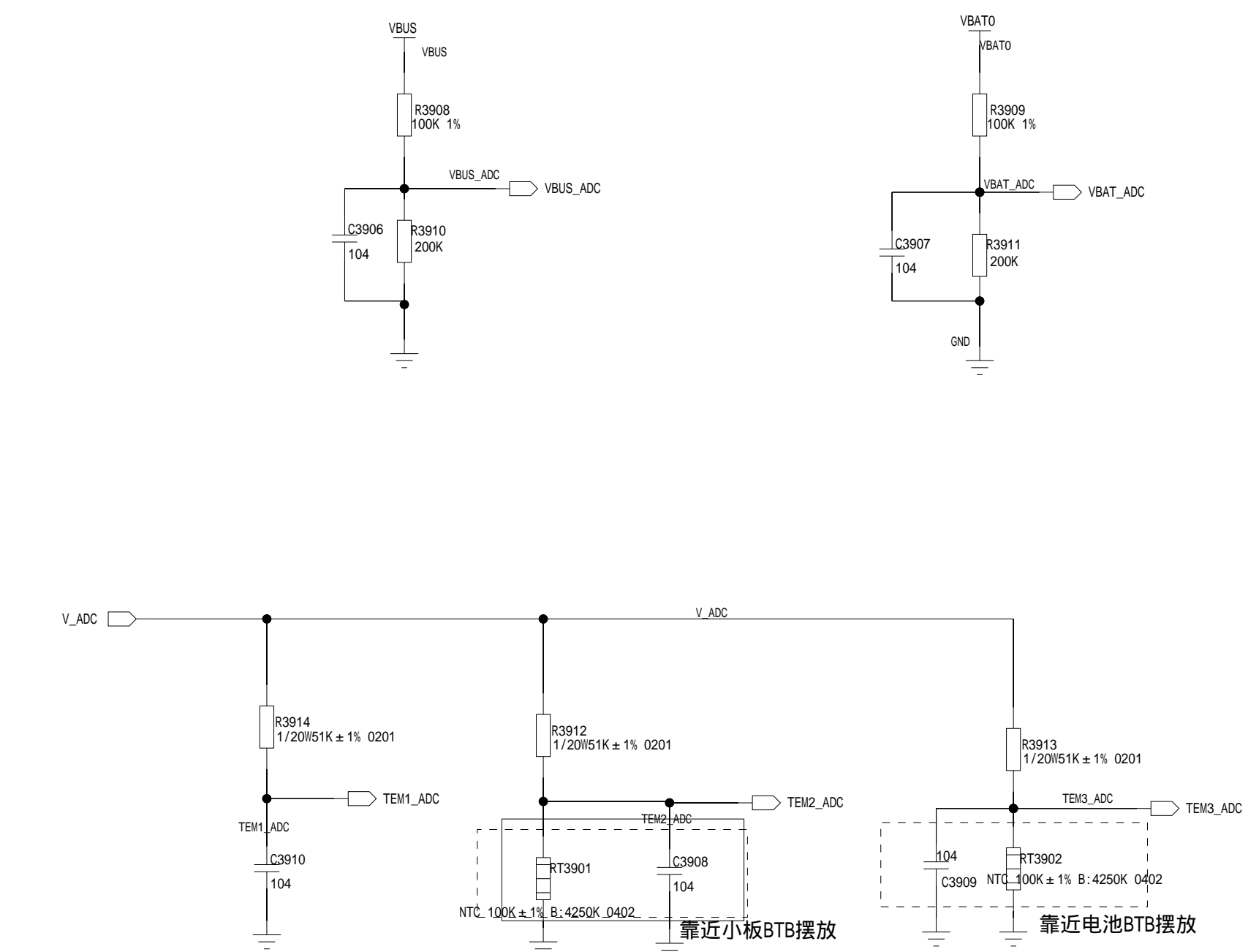
T卡2.95V



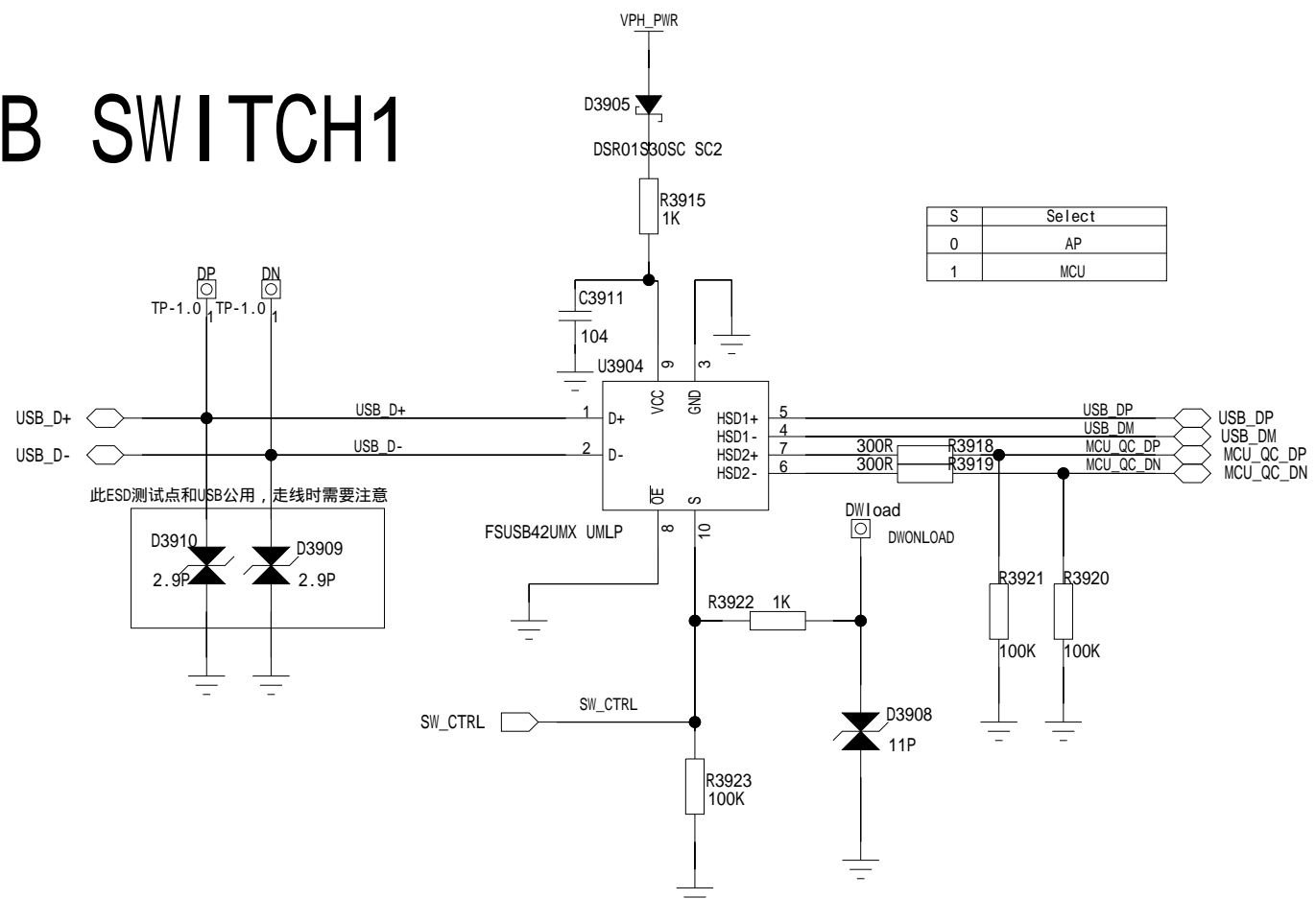
FAST CHARGE



ADC, 走线注意包地



USB SWITCH1



电平转换IC

