

A

1.CONTENTS	14.Battery & IO Connector
2.GPIO & MPP Define	15.Backlight & HALL & Vibrator
3.Power Management	16.Keypad
4.GND & Shielding & ID board Mark	17.Camera
5.GPIO	18.Bluetooth
6.QSC Memory & LCM Interface	19.QSC_RX/TX
7.JTAG & Crystal & Test point	20.CDMA_CELL_ANT
8.Audio interface & FM	21.CDMA_CELER_WS1102
9.Reserved for Speaker&Receiver	
10.Headset	
11.Memory	
12.LCM	
13.RUIM & TF CARD Interface	

B

C

D

1 . CONTENTS

The type and specification of the components refer to the BOM

				NA	20090706
				ECA NO	00297219 DATE
DESIGNED	CHAOKANGJIE00132205	HC1C5800M		00506028	
REVIEWED	LIUFANFAN44228	VER	PART_NUMBER	SHEET 1 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

GPIO	FUNCTION	GPIO	FUNCTION	GPIO	FUNCTION
0	KYPD_1	19	UART1_TX_DATA	38	HALLSNS_N
1	KYPD_2	20	AUX_PCM_CLK	39	I2C_SDA
2	KYPD_3	21	AUX_PCM_SYNC	40	I2C_SCL
3	KYPD_4	22	AUX_PCM_DIN	41	CAMIF_PWR_DN
4	KYPD_5	23	AUX_PCM_DOUT	42	CAMIF_DATA0
5	KEYSENSE4_N	24	SDCC_CLK	43	CAMIF_DATA1
6	KEYSENSE3_N	25	SDCC_DATA0	44	CAMIF_DATA2
7	KEYSENSE2_N	26	SDCC_DATA1	45	CAMIF_DATA3
8	KEYSENSE1_N	27	SDCC_DATA2	46	CAMIF_DATA4
9	KEYSENSE0_N	28	SDCC_DATA3	47	CAMIF_DATA5
10	CAMERA_RST	29	SDCC_CMD	48	CAMIF_DATA6
11	FM_RST	30	HEADSET_DET_N	49	CAMIF_DATA7
12	UIM_CLK	31	BACKLIGHT_CTL1	50	CAMIF_PCLK
13	LCD_ID0	32	SDCC_DETECT	51	CAMIF_HSYNC
14	UIM_RESET	33	EBI_A_D24	52	CAMIF_VSYNC
15	UIM_DATA	34	BT_RST_N	53	CAMIF_CLK
16	UART1_RFR_N	35	PA_ONBC0	54	MDP_VSYNC
17	UART1_CTS_N	36	ERA_PA_EN		
18	UART1_RX_DATA	37	PA_R0		

MPP MAPPING

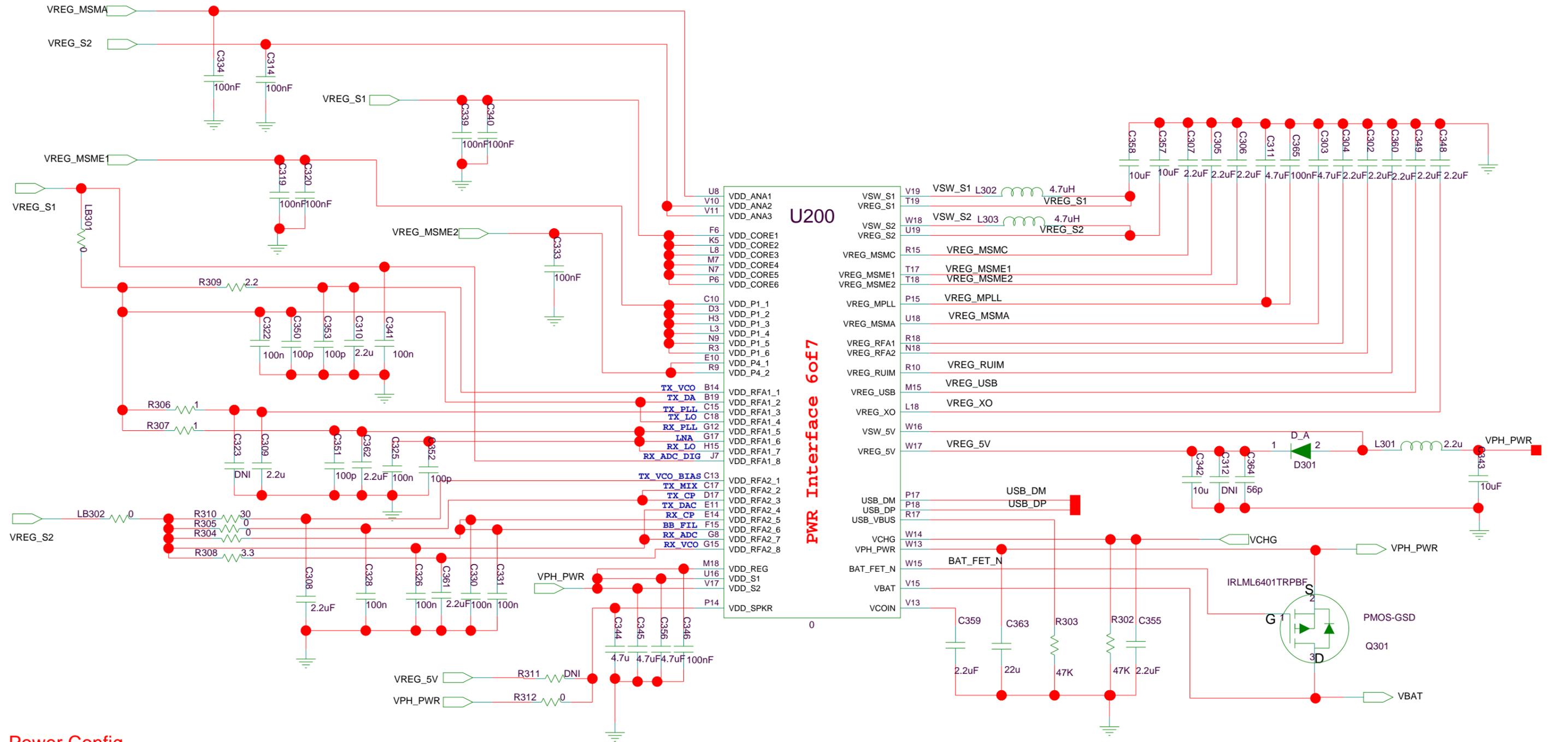
MPP1	BATT_THERM
MPP2	CLK_32K
MPP3	KPD_DRV_N
MPP4	MEMS_INT

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REVIEWED	LIUFANFAN44228	VER	PART_NUMBER	SHEET 2 OF 21	
		B	03020QSA	HUAWAI TECH CO.,LTD.	

2.GPIO & MPP Define

3. Power Management



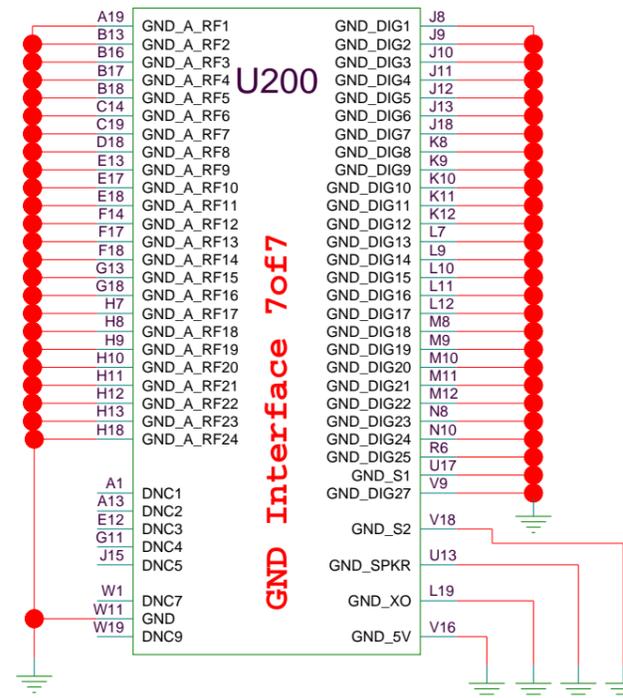
Power Config

VREG_5V	5V	600MA	VREG_MPLL	1.35V	150MA
VREG_S1	1.2V	600MA	VREG_RUIM	1.8V or 2.85V	150MA
VREG_S2	2.2V	600MA	VREG_USB	3.3V	50MA
VREG_MSMA	2.2V	300MA	VREG_XO	2.85V	50MA
VREG_MSME1	1.8V	300MA			
VREG_MSME2	2.85V	300MA			

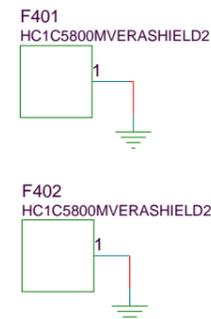
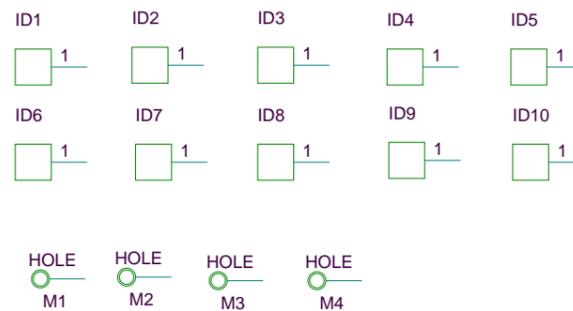
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REVIEWED	LIU FAN FAN 44228		ECA NO	00297219 DATE
		VER	PART_NUMBER	SHEET 3 OF 21
		B	03020QSA	HUAWEI TECH CO.,LTD.

4.GND & Shielding & ID board Mark



Shield & ID board Mark

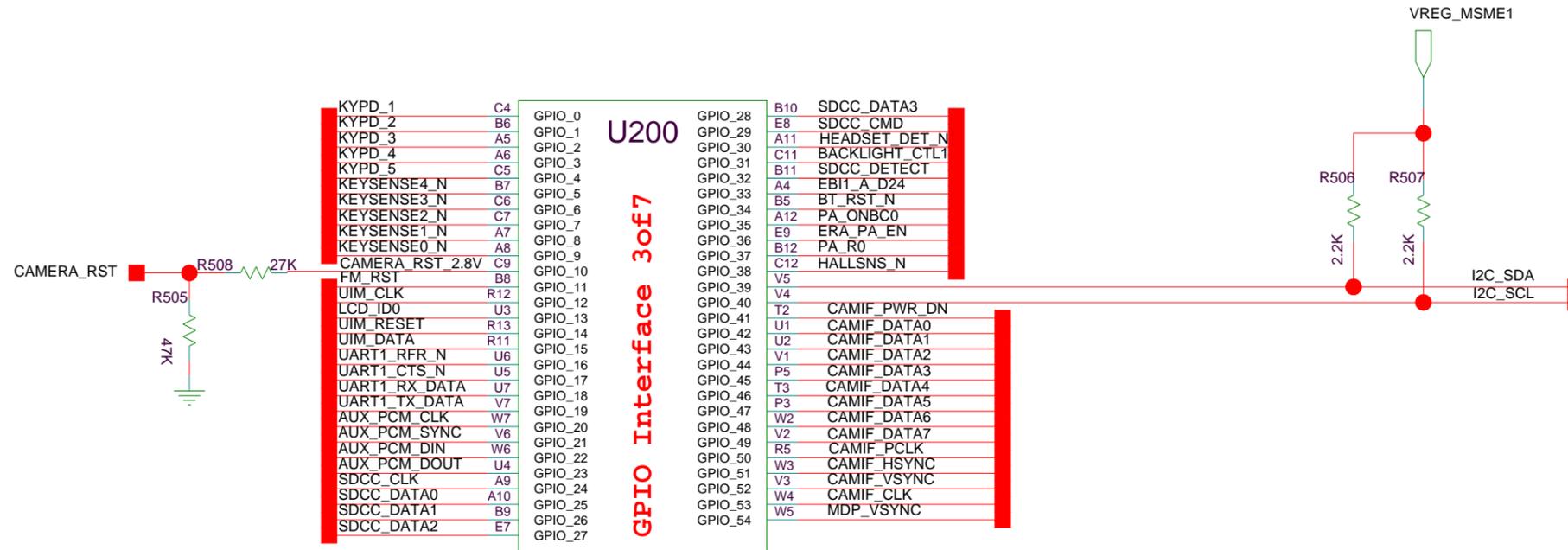


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		VER	PART_NUMBER	SHEET 4 OF 21	
		B	03020QSA	HUAWAI TECH CO.,LTD.	

5.GPIO

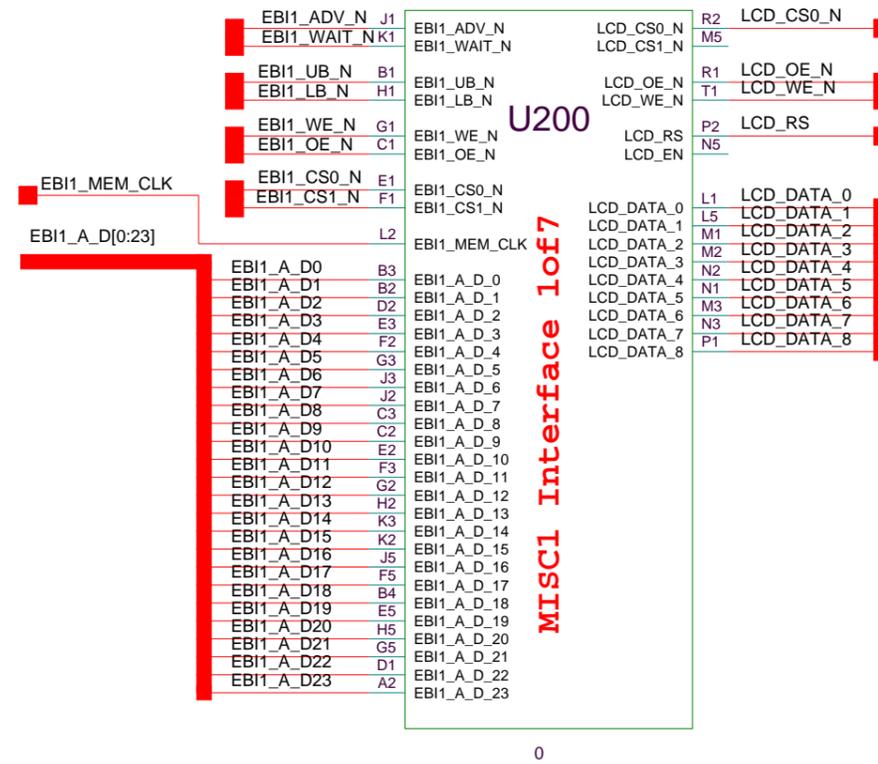
For ES devices GPIO31 must be held high through reset to boot from internal ROM not required for CS (fuse blown)



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		VER	PART_NUMBER	SHEET 5 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

6.QSC Memory & LCM Interface

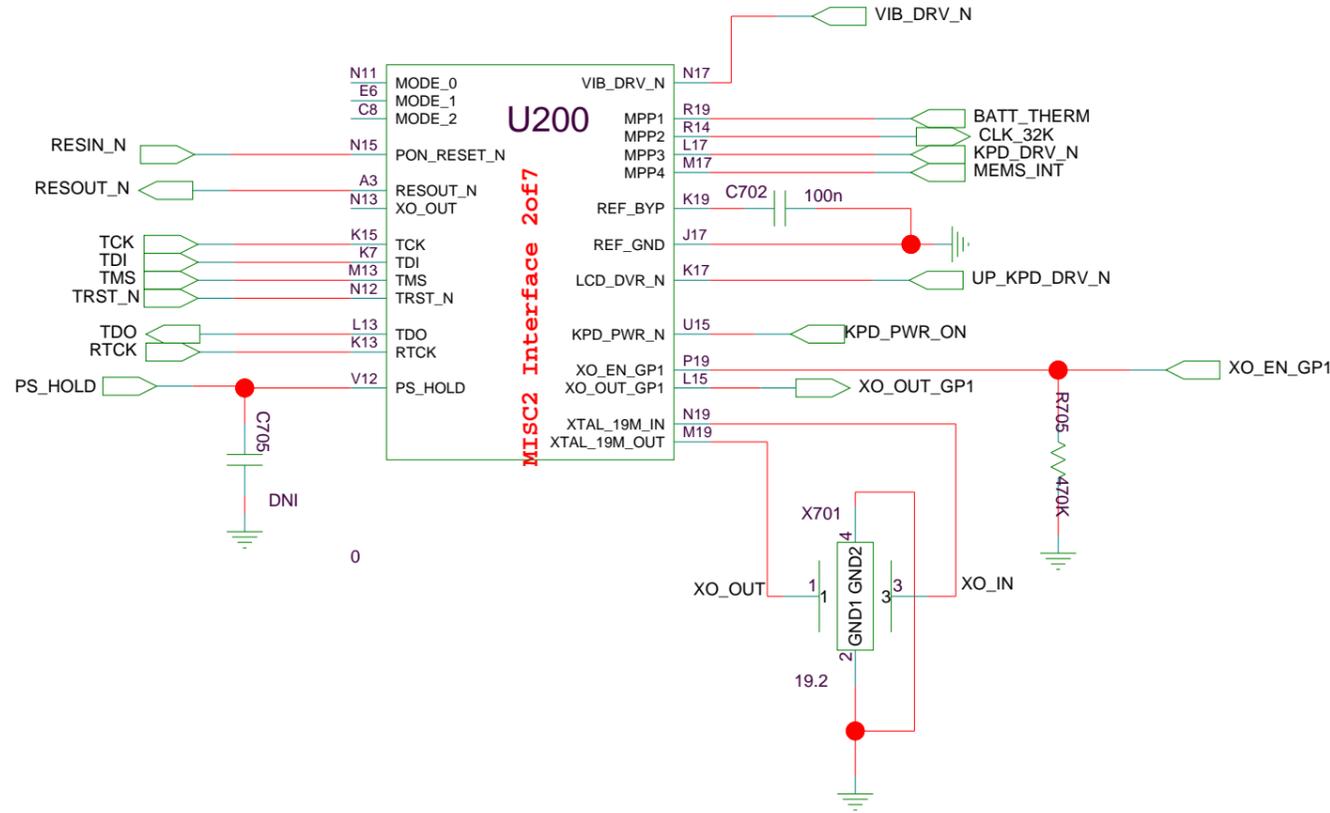


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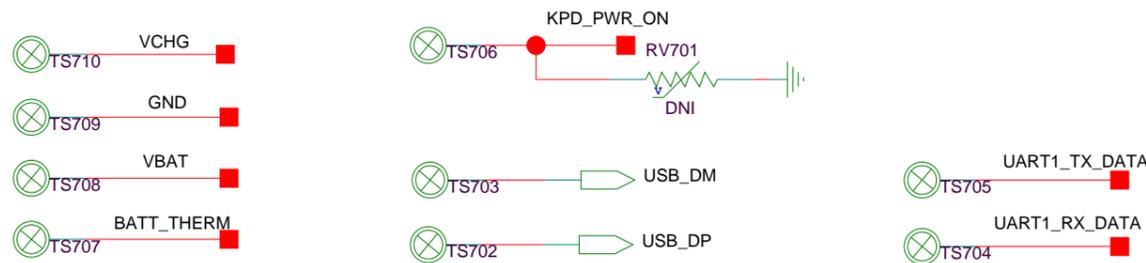
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REVIEWED	LIUFANFAN44228	VER	PART_NUMBER	SHEET 6 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

7.JTAG & Crystal & Test point

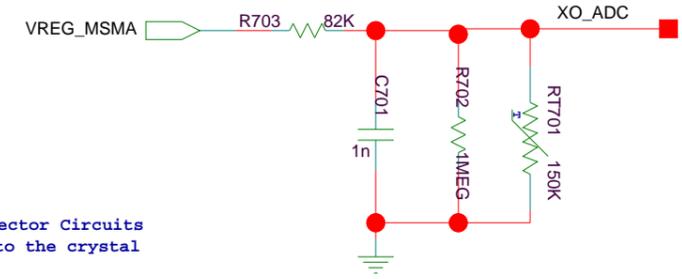
For CS devices MODE(0:2) will all be pulled low internally



Test point

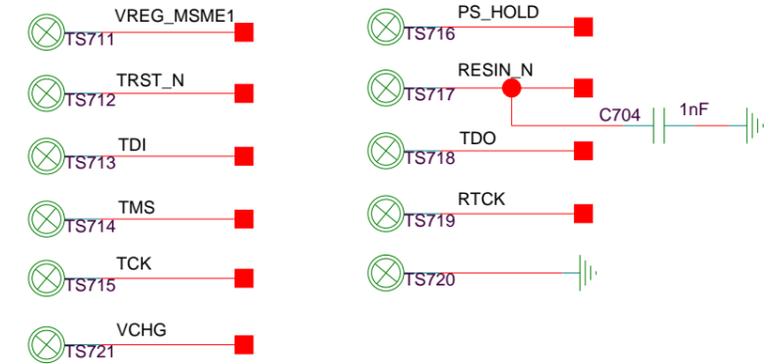


XO TEP



Crystal Thermal Detector Circuits
To place close to the crystal

JTAG TEST

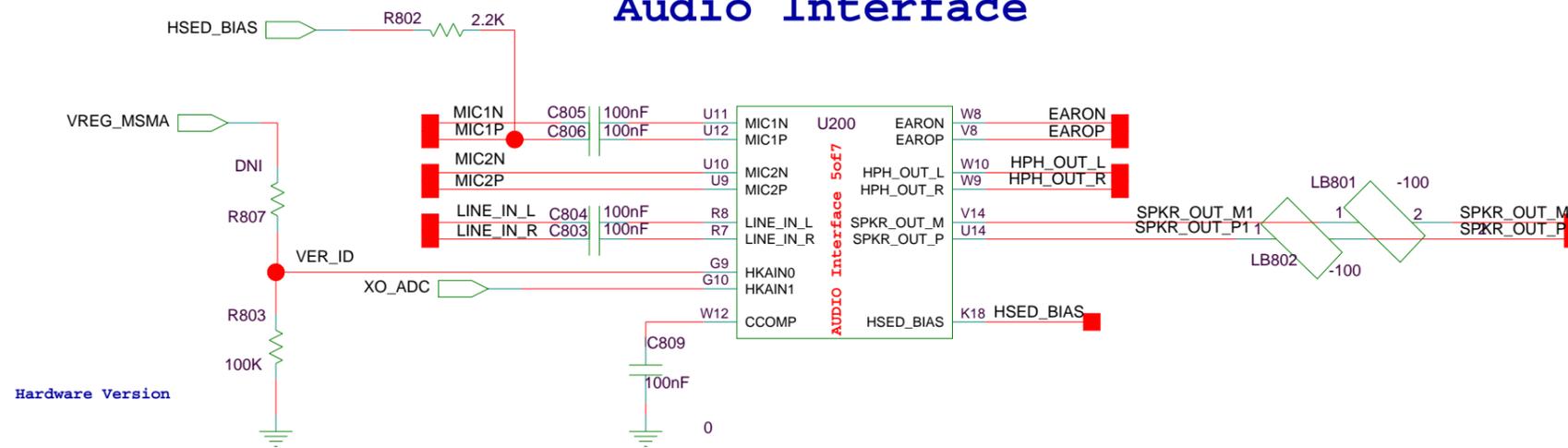


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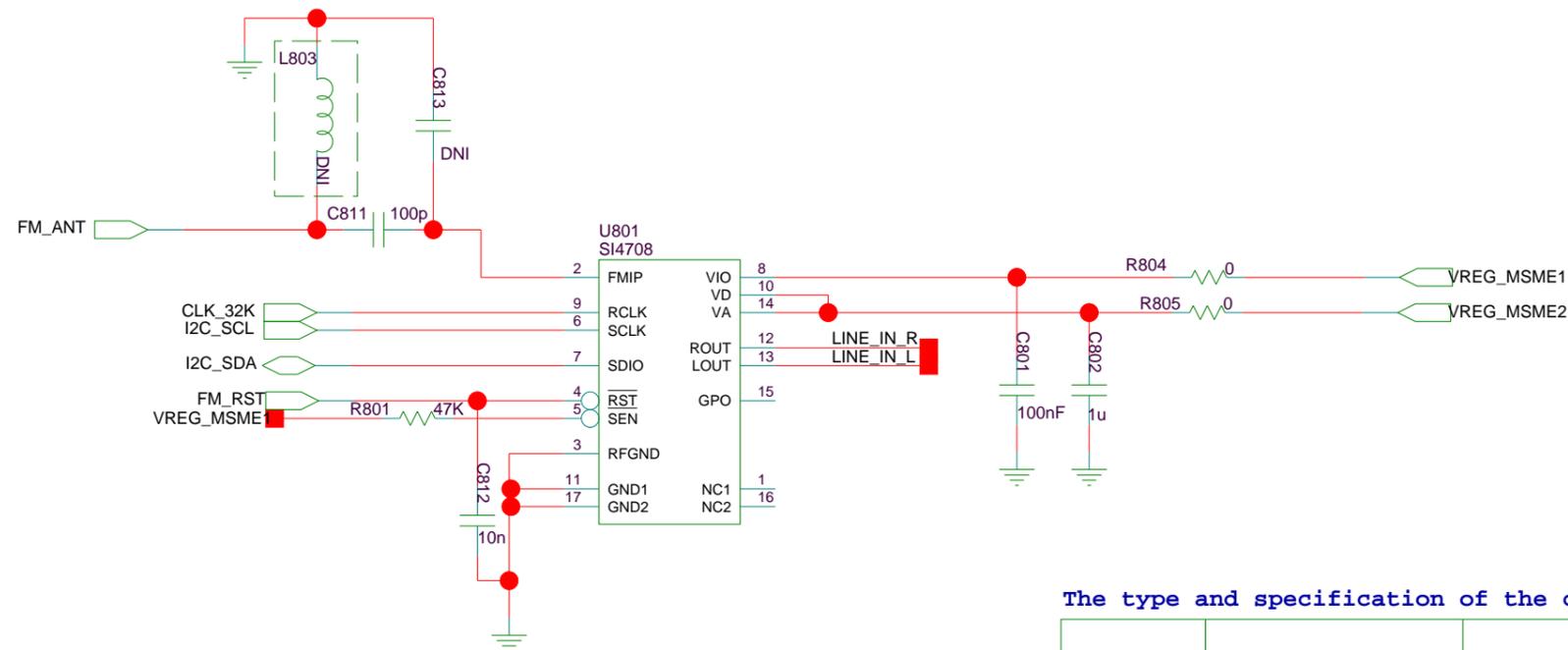
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REVIEWED	LIUFANFAN44228	VER	PART_NUMBER	SHEET 7 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

8.Audio Interface & FM

Audio Interface



FM TUNER



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REVIEWED	LIUFANFAN44228				
		VER	PART_NUMBER	SHEET 8 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

9.Reserved for Speaker&Receiver

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B

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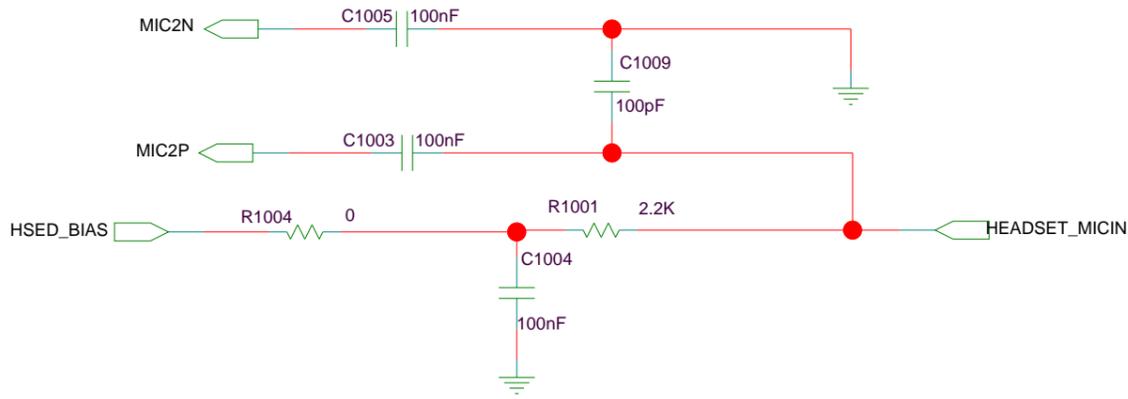
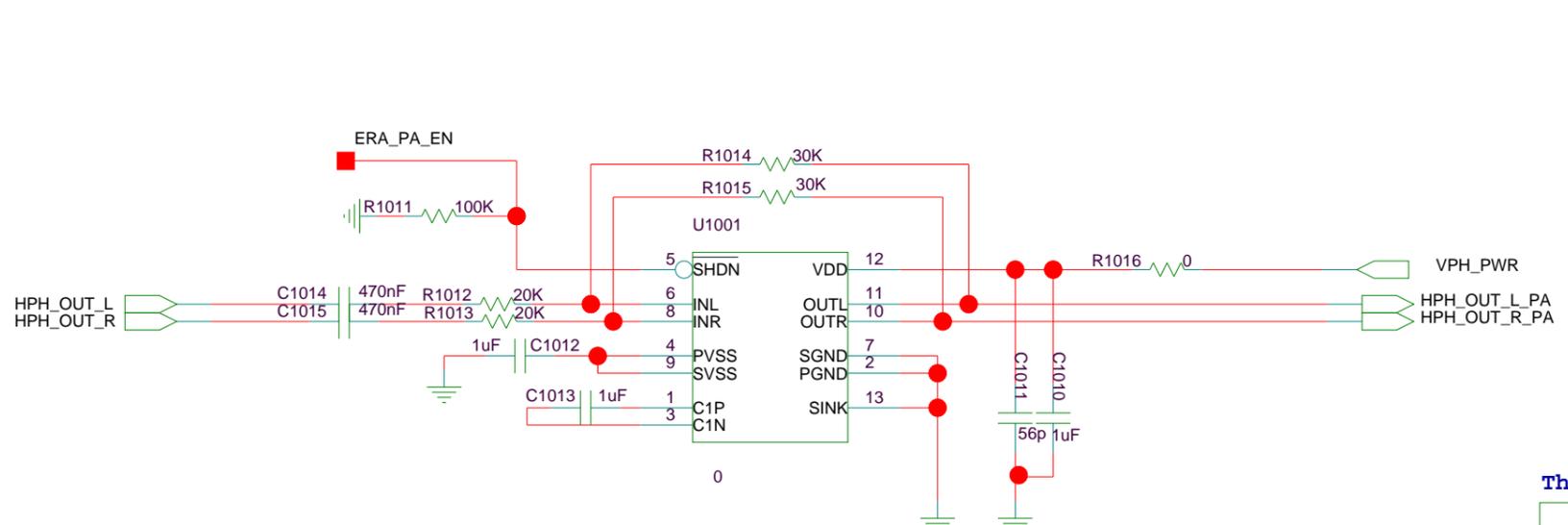
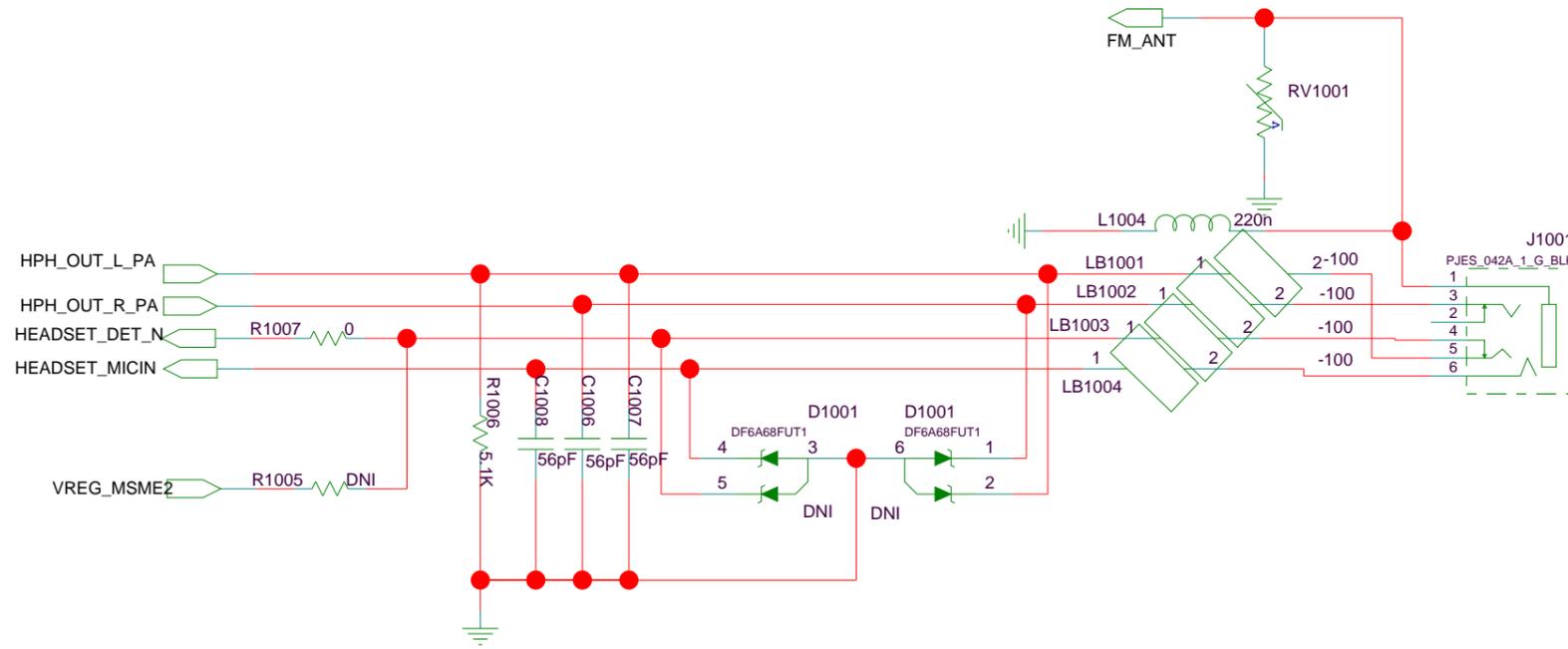
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REVIEWED	LIUFANFAN44228				
		VER	PART_NUMBER	SHEET 9 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

10.Headset

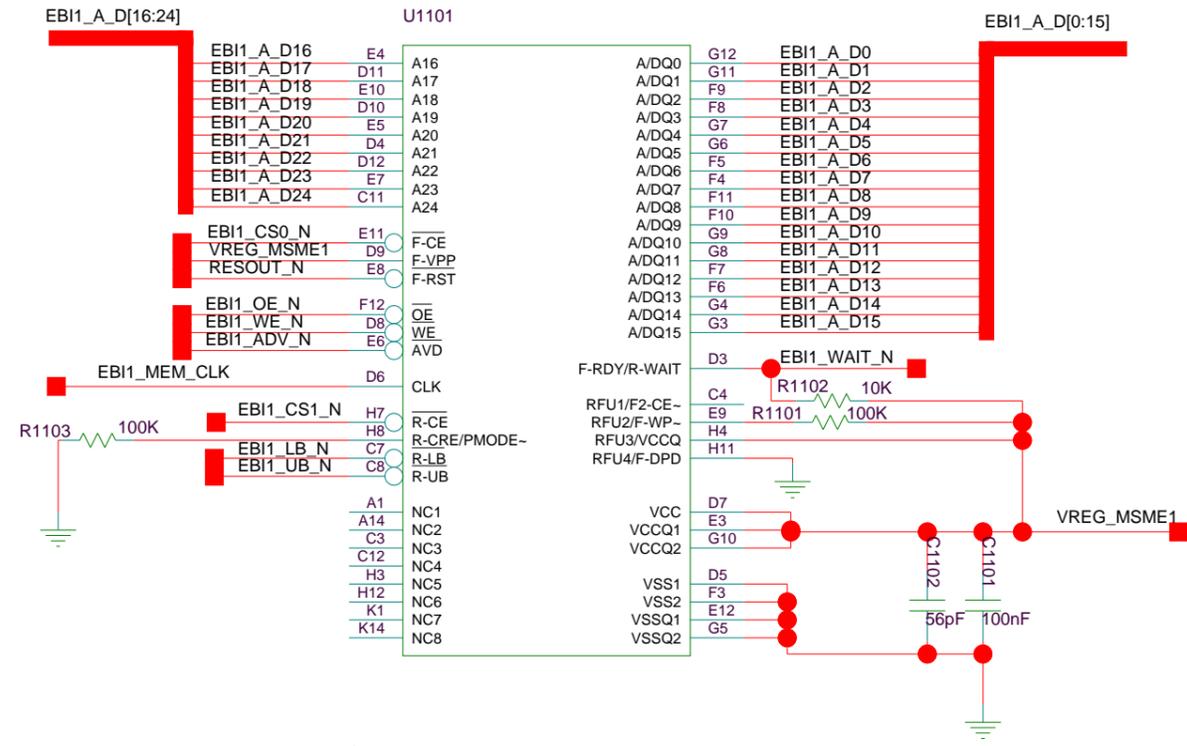
Headset



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REVIEWED	LIUFANFAN44228	VER	PART_NUMBER	SHEET 10 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

11.Memory



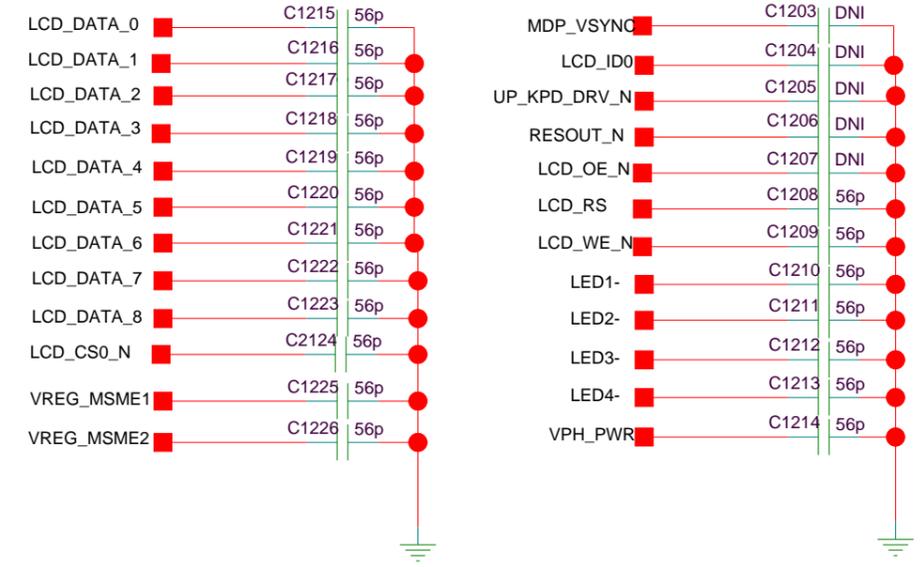
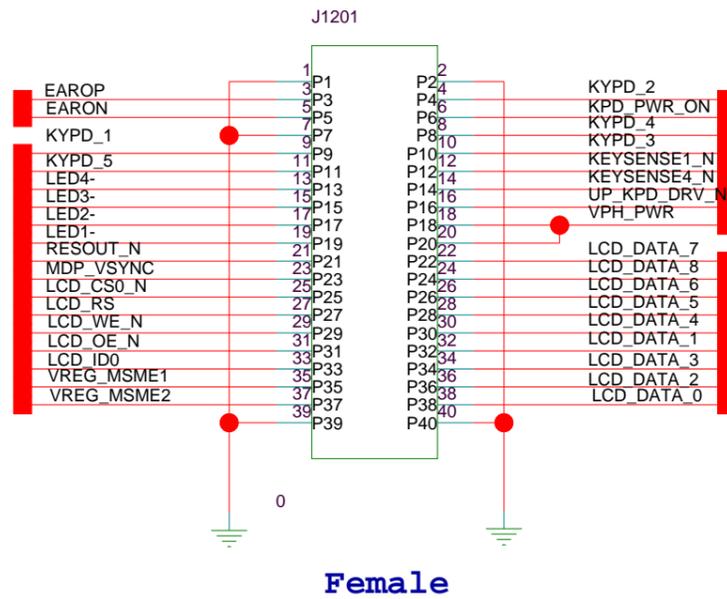
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		B	03020QSA	HUAWEI TECH CO.,LTD.	

12.LCM

solder according to the result of RF performance

Slide Connector

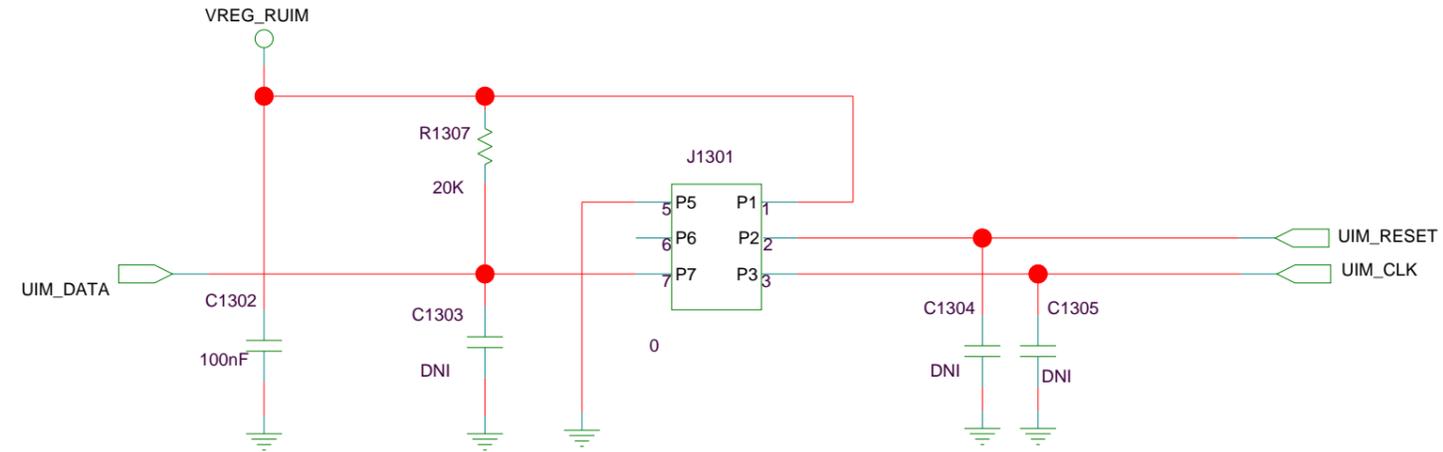
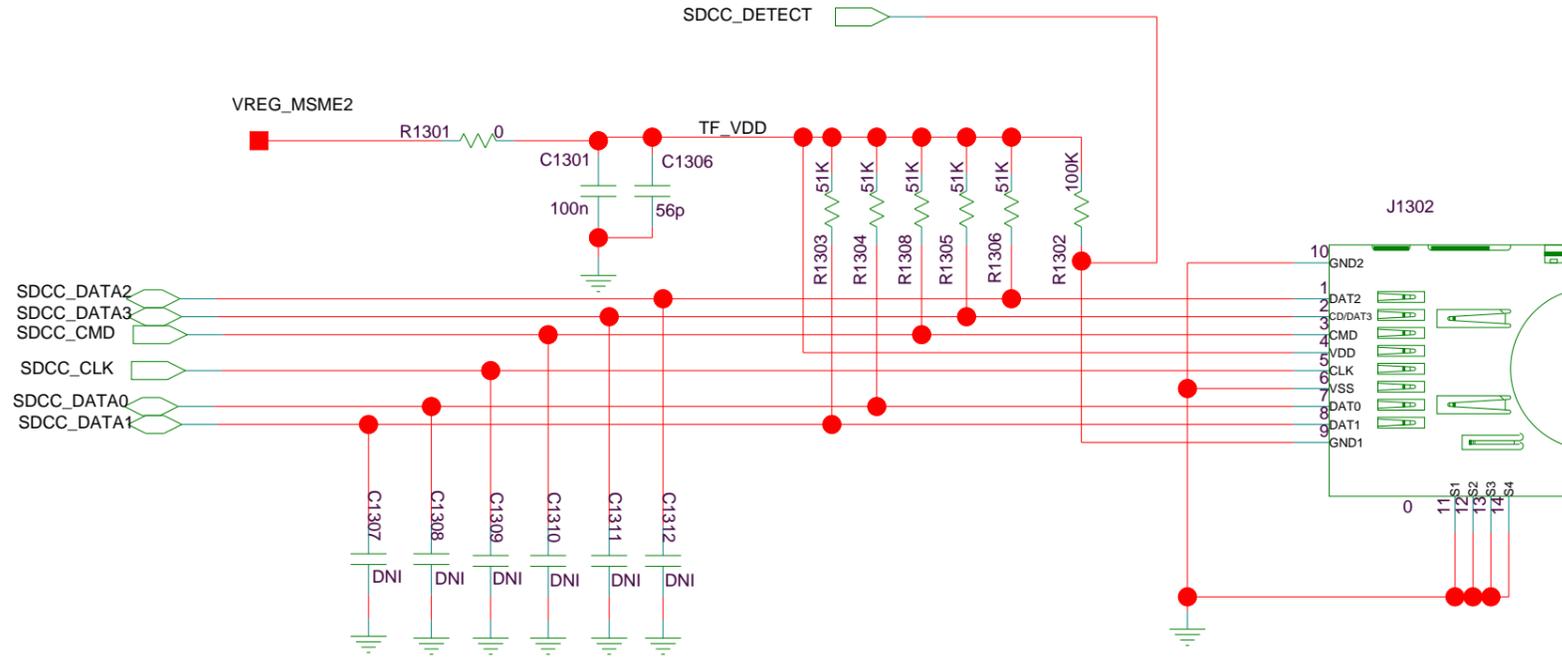


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REVIEWED	LIUFANFAN44228				
		VER	PART_NUMBER	SHEET 12 OF 21	
		B	03020QSA	HUAWAI TECH CO.,LTD.	

13.RUIM & TF CARD Interface

TF CARD



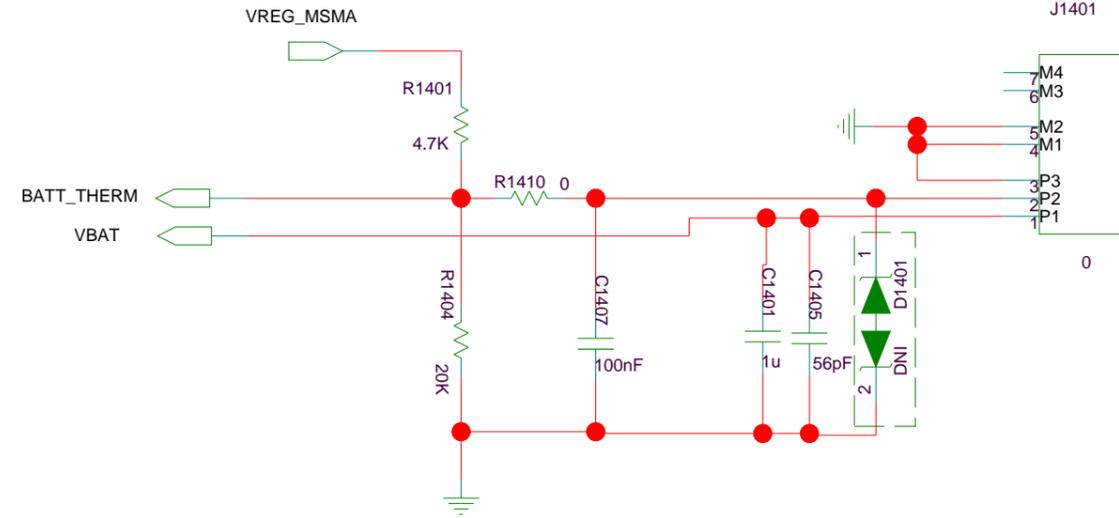
RUIM

The type and specification of the components refer to the BOM

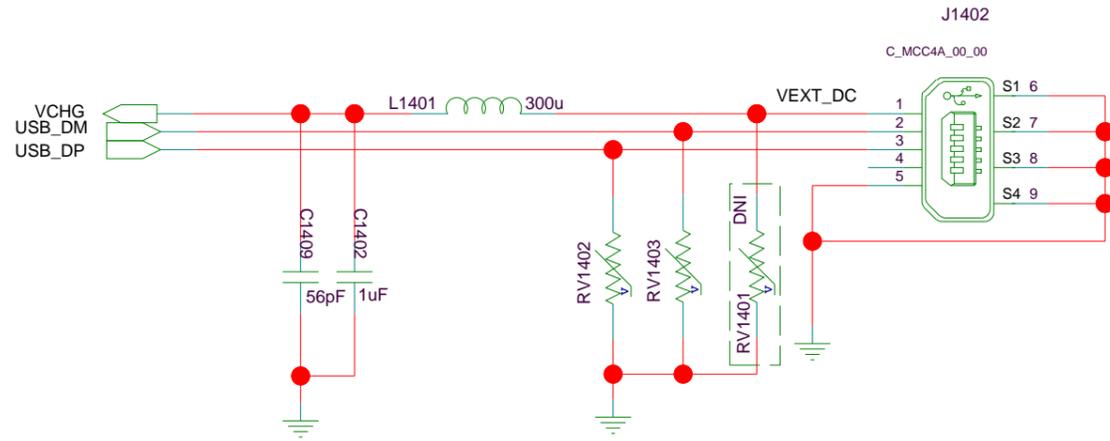
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REVIEWED	LIUFANFAN44228	VER	PART_NUMBER	SHEET 13 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

14. Battery & IO Connector

Battery Connector



USB Connector

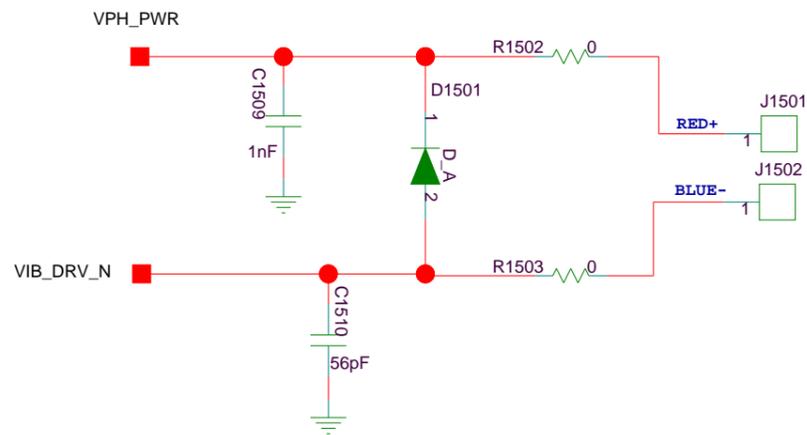


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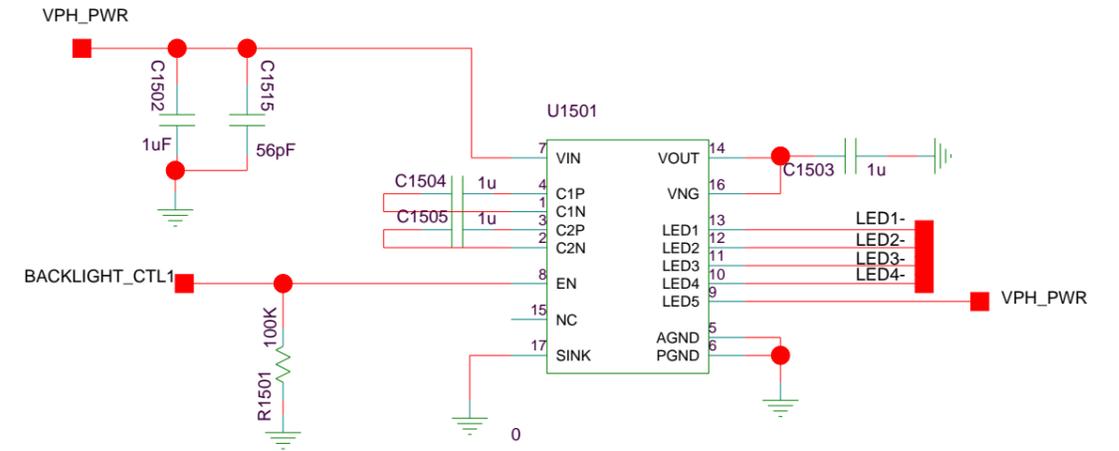
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REVIEWED	LIUFANFAN44228				
		VER	PART_NUMBER	SHEET 14 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

15.Backlight & MEMS & Vibrator

Vibrator

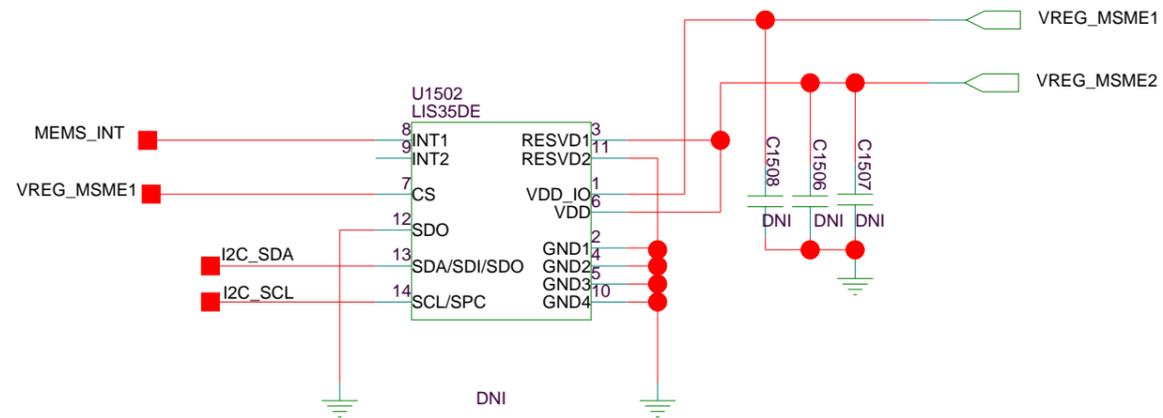


Backlight



DNI

MEMS

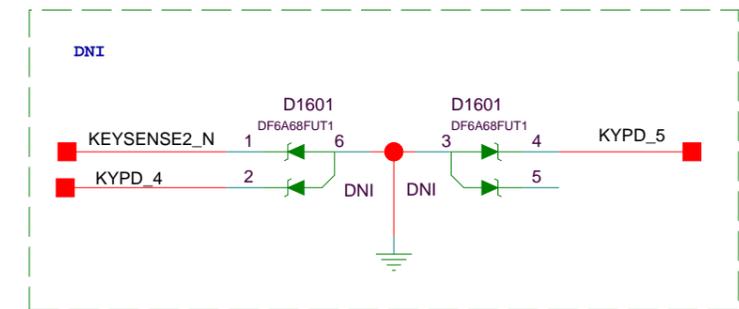
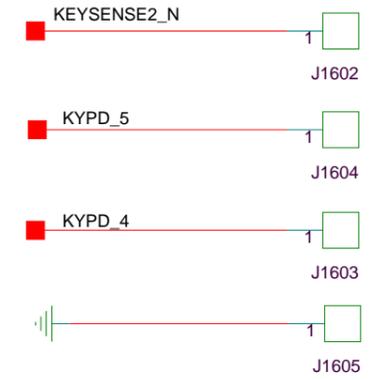
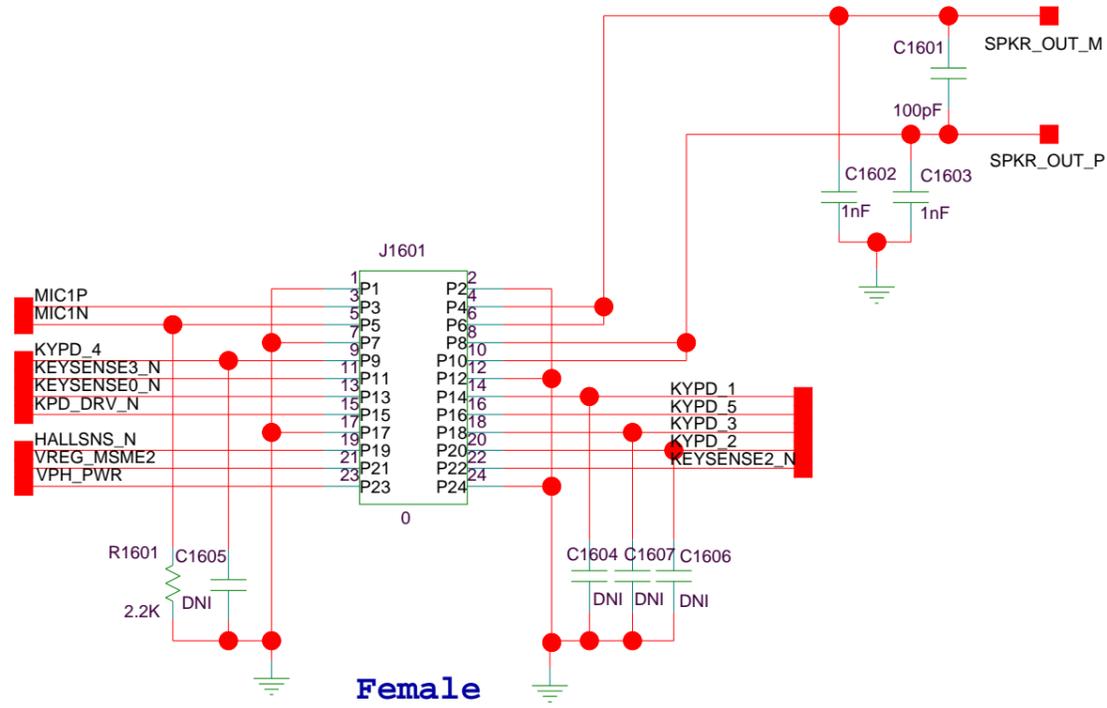


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		B	03020QSA	HUAWEI TECH CO.,LTD.	

16.Keypad

Keypad Connector

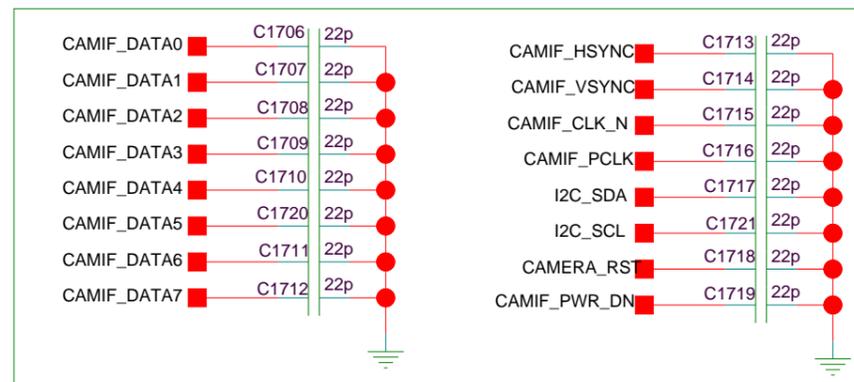
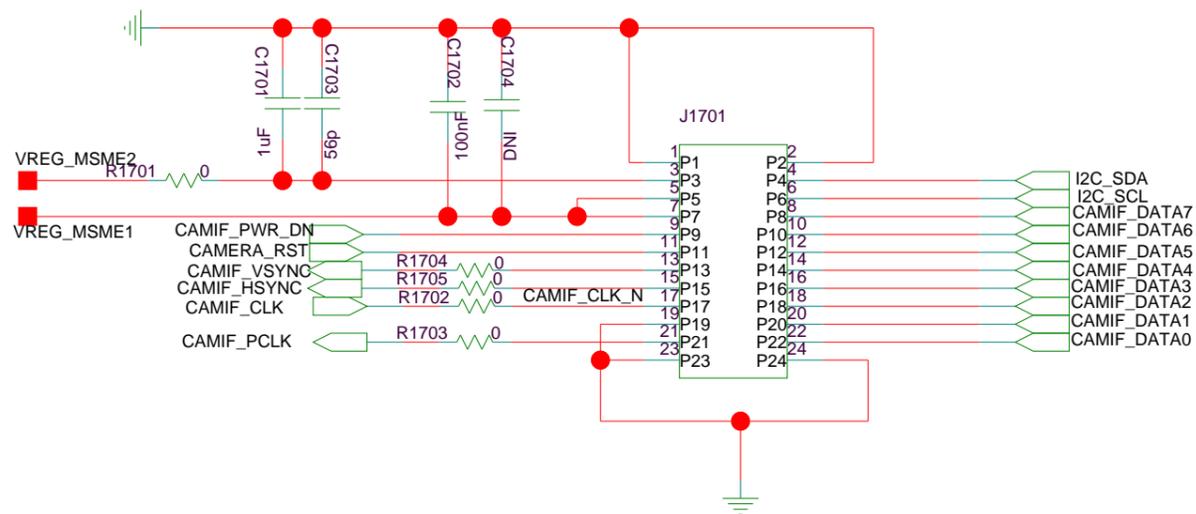


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REVIEWED	LIUFANFAN44228	VER	PART_NUMBER	SHEET 16 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

17.Camera

Female

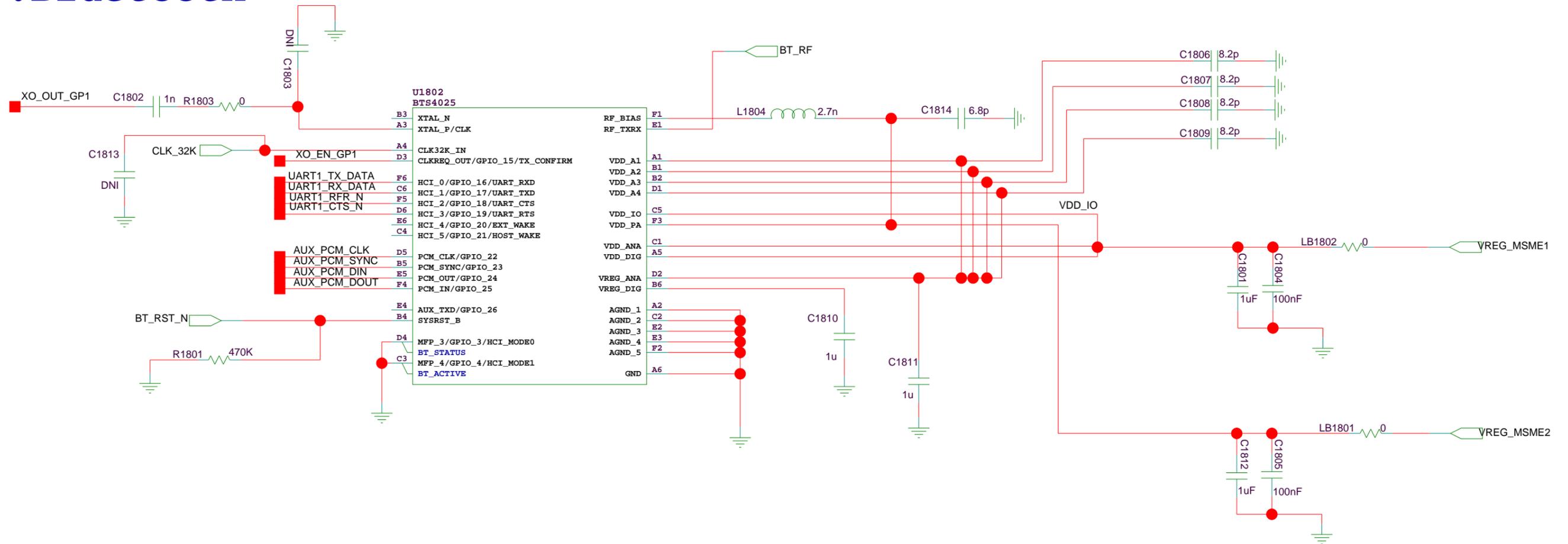


solder according to the result of RF performance

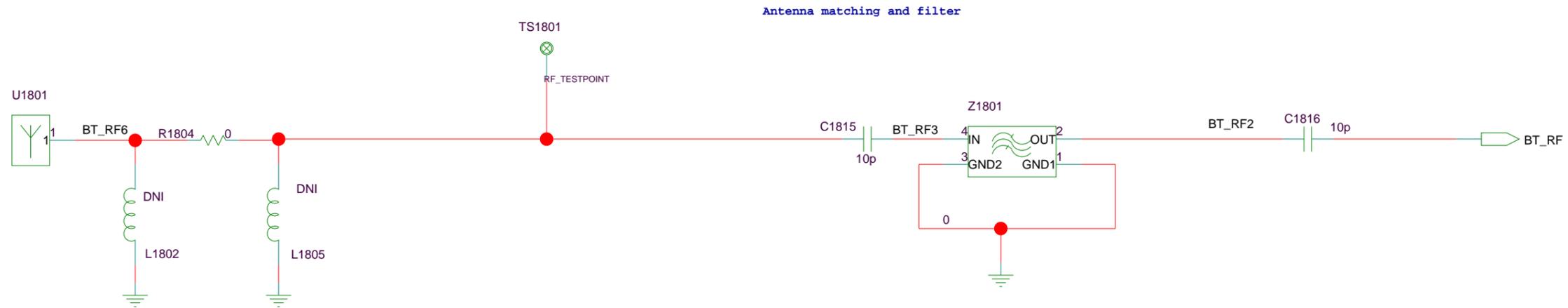
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REVIEWED	LIUFANFAN44228				
		VER	PART_NUMBER	SHEET 17 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

18. Bluetooth



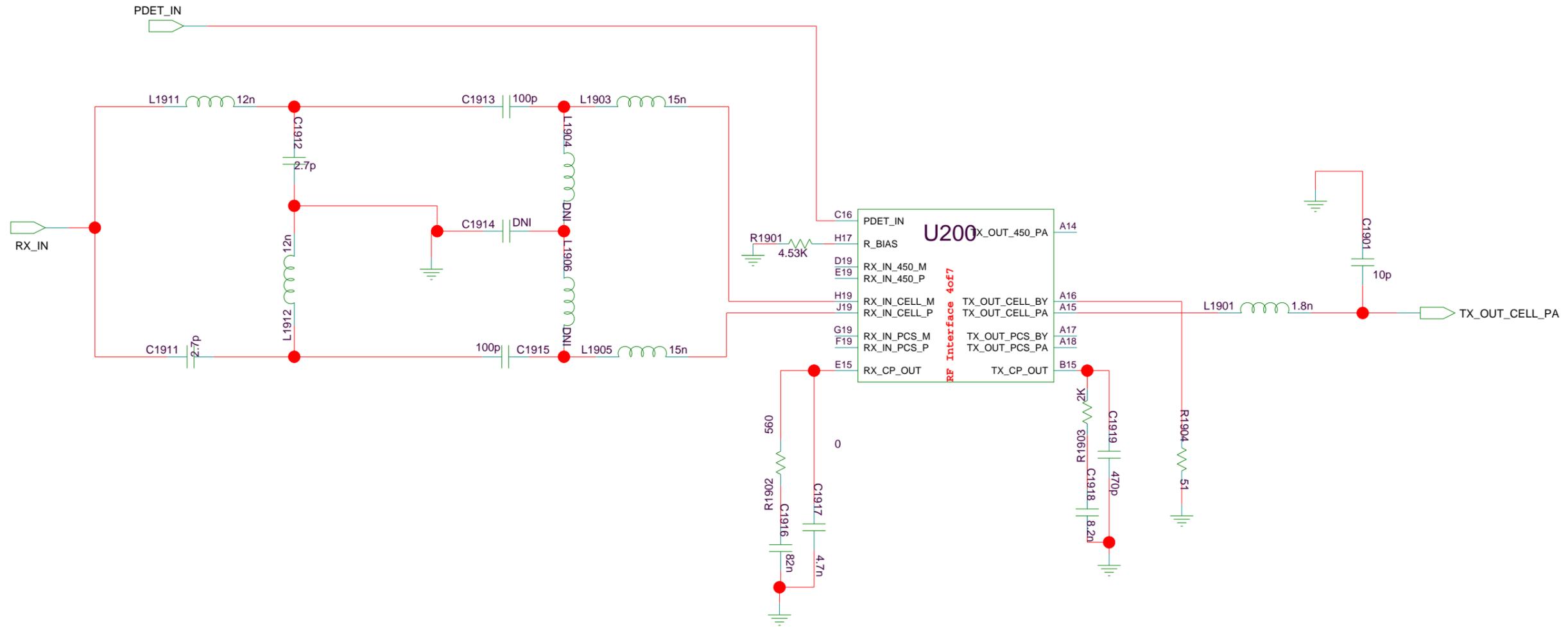
BT-ANT



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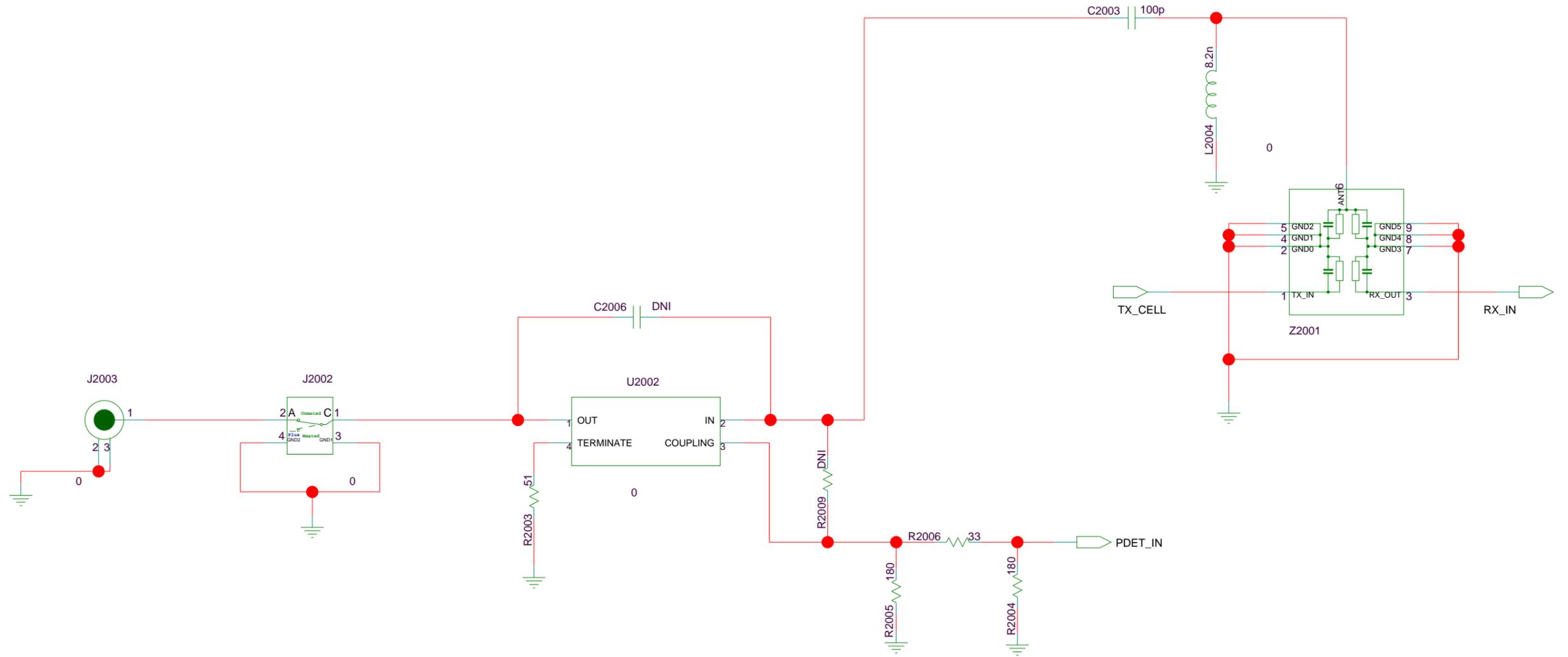
19.QSC_RX/TX



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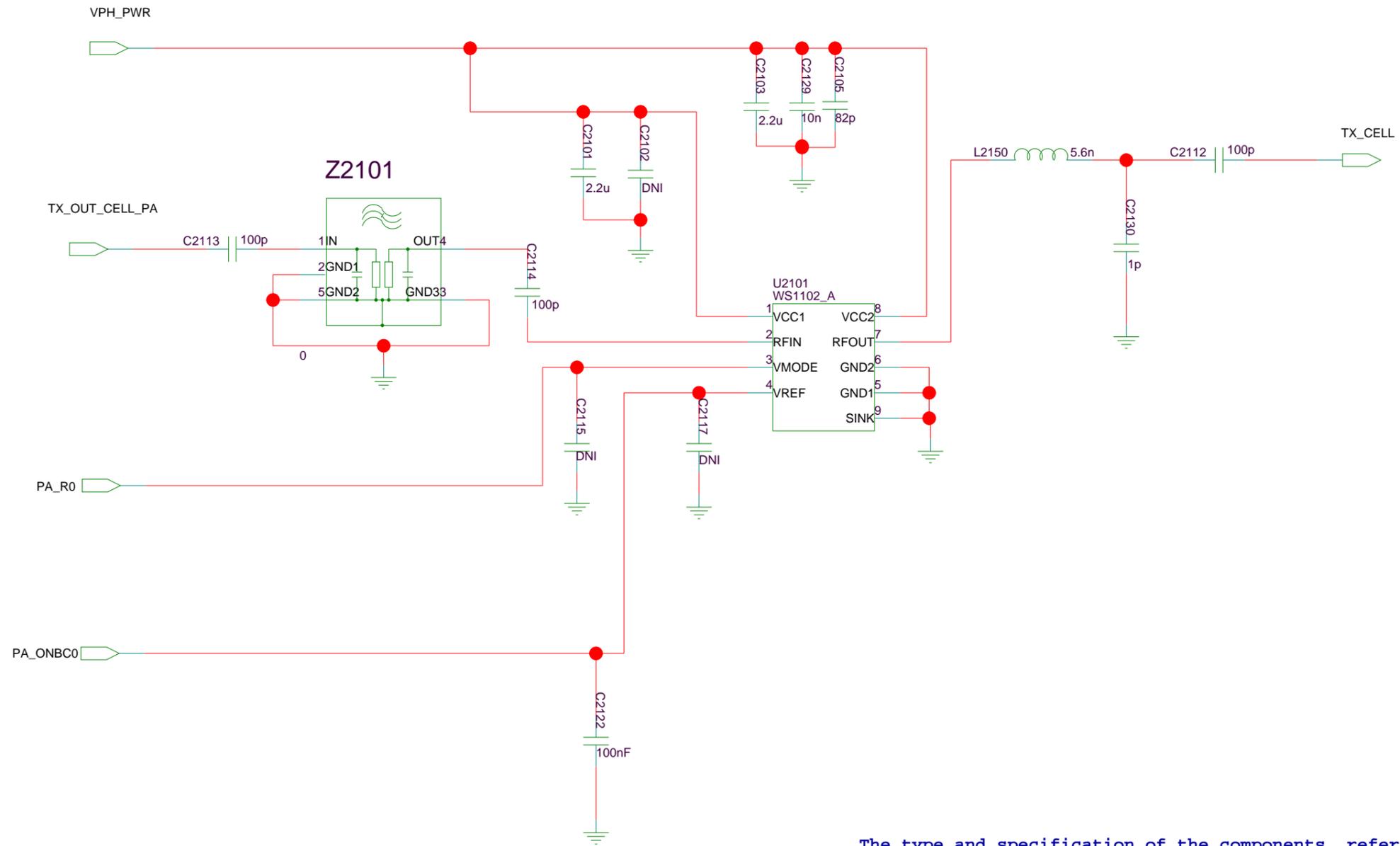
20.CDMA_CELL_ANT



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REVIEWED	LIUFANFAN44228	VER	PART_NUMBER	SHEET 20 OF 21	
		B	03020QSA	HUAWEI TECH CO.,LTD.	

21.CDMA_CELLER_WS1102



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