

Catalog

BB

- 1. Catalog
- 2. Charger
- 3.PMU-Buck-LDO
- 4. PMU-Codec
- 5. SOC GPIO/Func Interface
- 6. SOC Media Interface
- 7. SOC Memory Interface
- 8. SOC RF Interface
- 9. SOC PWR Interface
- 10. Reserved
- 11. SOC GND
- 12. Reserved
- 13. Battery management/Battery
- 14. Reserved
- 15. eMMC&LPDDR3
- 16. Battery/Micro USB Connector
- 17. Speaker and Vibrator
- 18. MIC and Receiver
- 19. Headphone port
- 20. LCD interface and backlight driver
- 21. Main/Slave Camera and Flash LED
- 22. Sensor
- 23. SIM/TF card
- 24. Keypad/LED/Status indicator
- 25. Touch interface
- 26. Test Points/GND/Shields
- 27. Reserved
- 28. Reserved
- 29. Reserved
- 30. Reserved

RF

- 31-RF Interface
- 32-TCXO
- 33-RF PMU
- 34-RF Tranceiver 0
- 35-TRX B17/B28
- 36-RF Front End MMMBPA
- 37-RF Front End B7/41
- 38-TRX B1/2/3
- 39-TRX B5/8
- 40-TRX B7/41
- 41-PRX GSM1800
- 42-TRX B41
- 43-TRX B17/28/20
- 44-DRX LNA B2/3
- 45-DRX LNA B7/1
- 46-DRX LNA B38/41
- 47-DRX LNA B5/8/17/28
- 48-DRX B2/3
- 49-DRX B7
- 50-DRX B7/41/38
- 51-DRX B20/28/17
- 52-DRX B5/8
- 53-Reserved
- 54-Reserved
- 55-Main Ant Switch
- 56-Ant matching
- 57-Div Ant Switch
- 58-Ant tunner

RF

- 59-Reserved
- 60-Reserved
- 61-Reserved
- 62-Reserved
- 63-Div Ant Switch

wifi/BT/FM/GPS

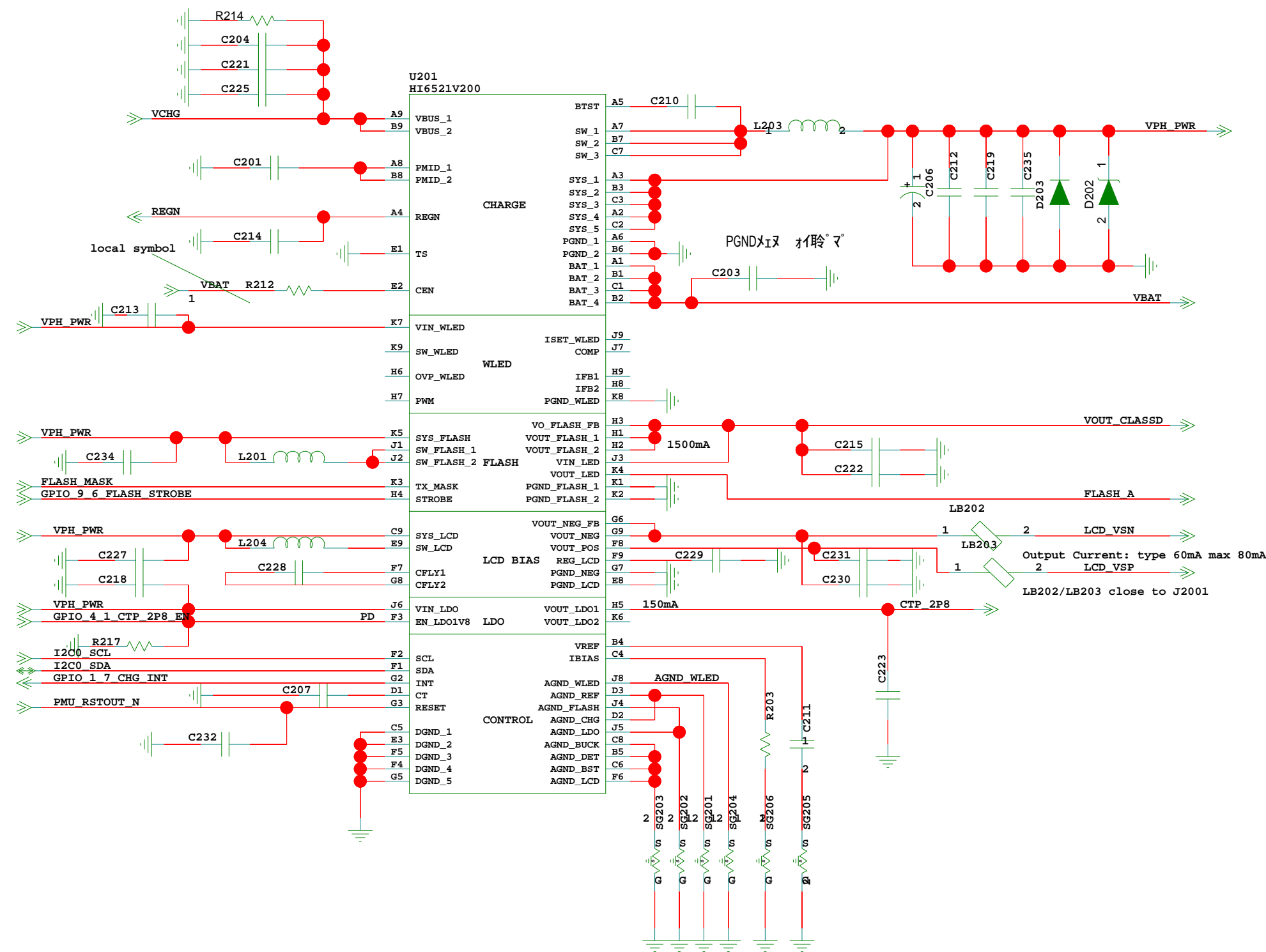
- 64-BT_WLAN_FM_GPS
- 65-BT_WLAN_FM_GPS
- 66-WIFI RF Front End
- 67-GPS RF Front End

- 68-Reserved
- 69-PCB

The type and specification of the components refer to the BOM

					17-03-2015_09:06
				NA	2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	1-Catalog69
		F	03023ARE	HUAWEI TECH CO.,LTD.	

2. Charger



The type and specification of the components refer to the BOM

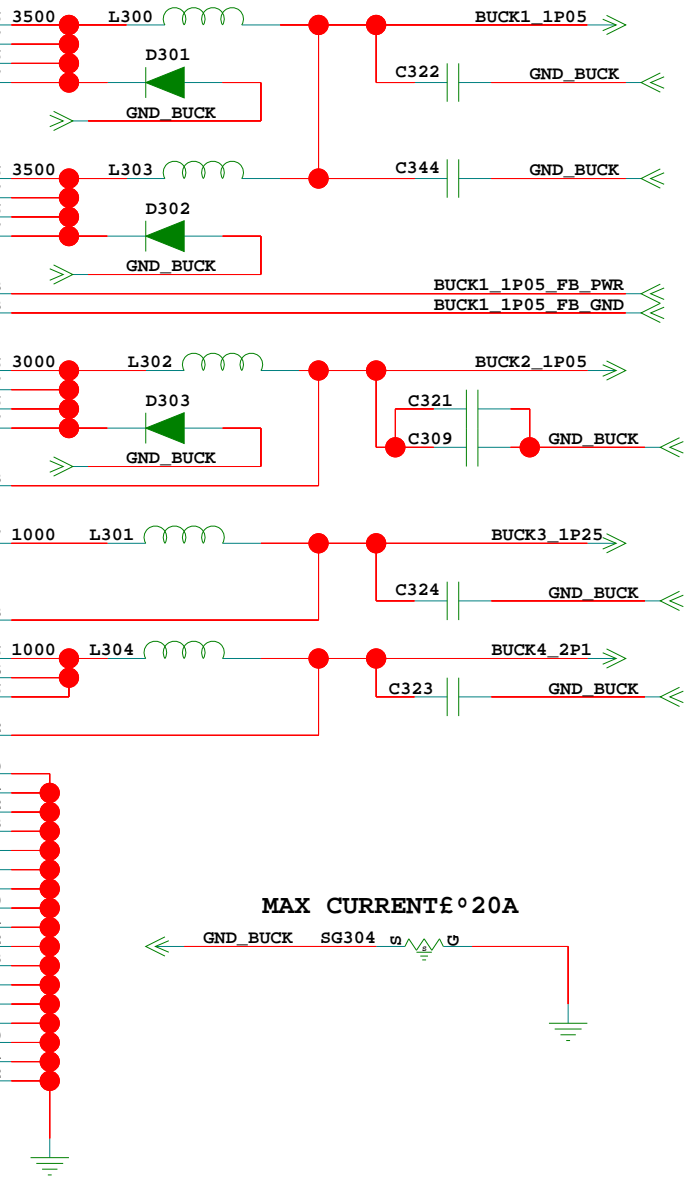
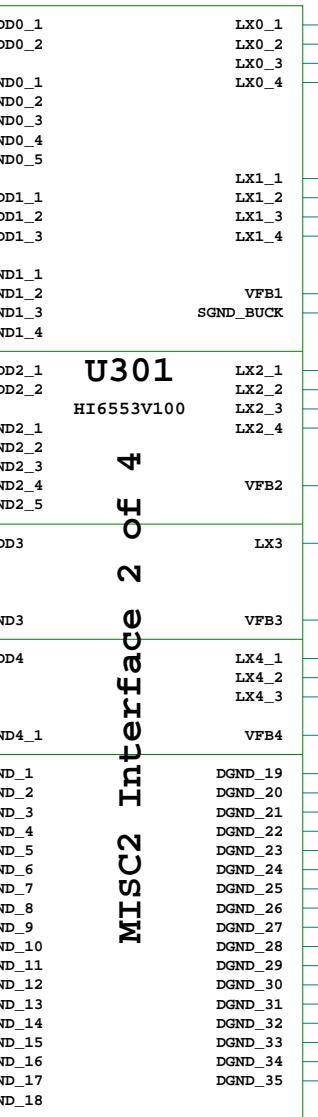
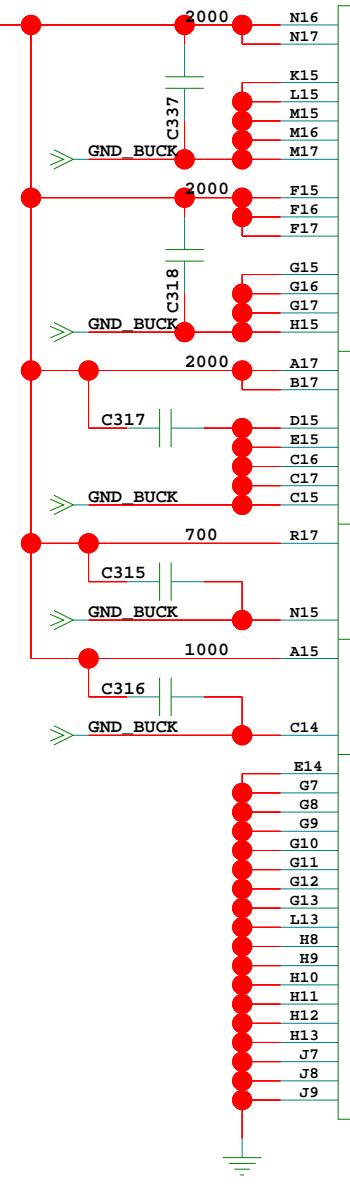
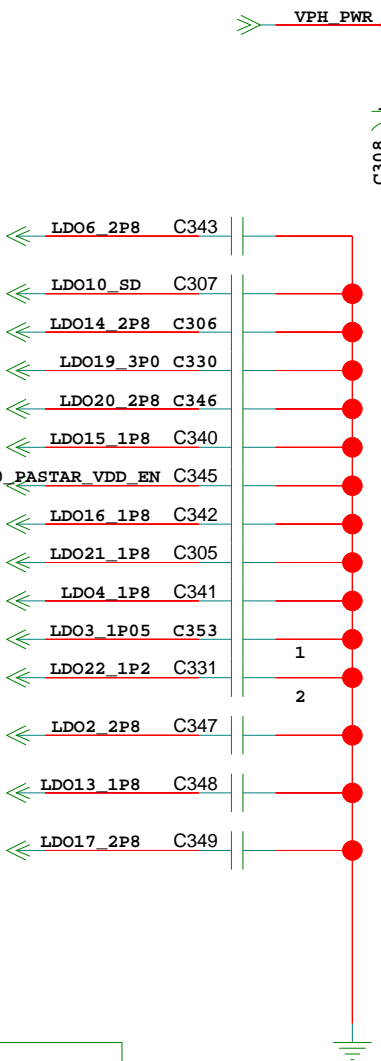
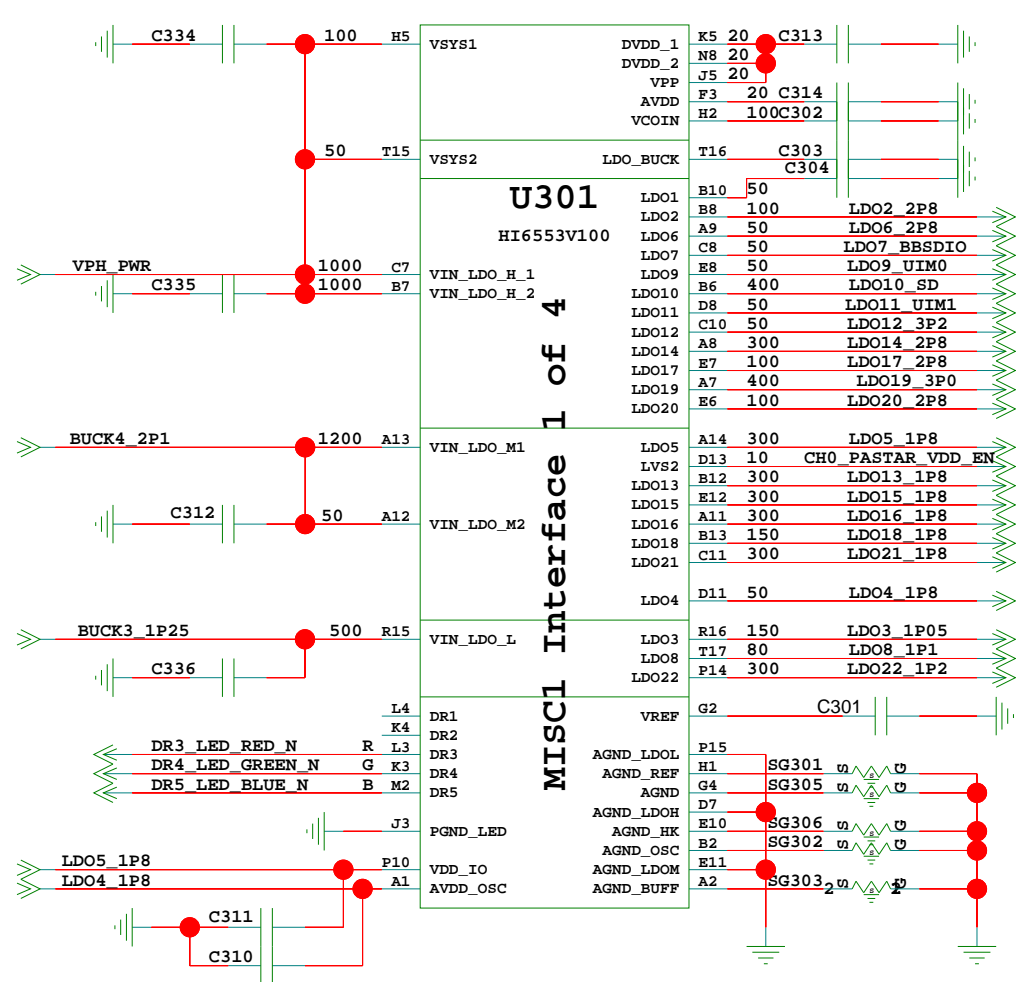
					27-03-2015_09:04
					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 2-charge69	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

3 . PMU-LDO/Buck

LDO

BUCK

Iin=(Iout*Vout-max/0.8/Vin-min)+200mA

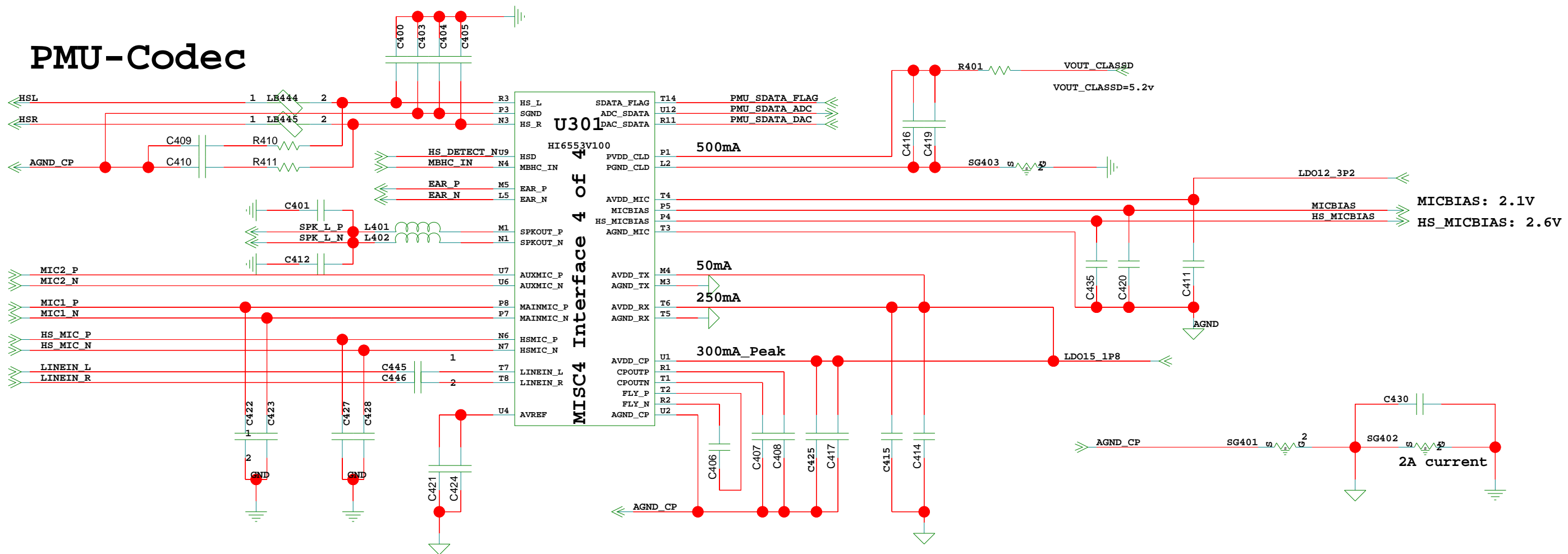


output	default	current	voltage	function
LDO1	OFF	50	2.1	connect in PMU,no device
LDO2	OFF	100	2.8	analog2P8 Senseoe/LCD
LDO3	ON	150	1.05	BB-VDD ON
LDO4	ON	50	1.8	PMU-DCXO/XO
LDO5	ON	300	1.8	all digital IO 1P8
LDO6	ON	50	2.8	CLK 19M2 RFIC 2V85/PMU/DAC
LDO7	OFF	50	3.0	SoC-IO VDD285 SD
LDO8	ON	80	1.1	SoC-AVDD11 ABB
LDO9	OFF	50	2.85	SoC SIM1 & SIM_CARD1
LDO10	OFF	400	3.0	SD_CARD
LDO11	OFF	50	2.85	SoC SIM2 & SIM_CARD2
LDO12	ON	50	3.2	PMU_MIC & BB USB
LDO13	OFF	300	1.8	Camera:M&S IO,S_Core
LDO14	OFF	300	2.8	M & S Camera dvdd28
LDO15	OFF	300	1.8	PMU codec avdd18
LDO16	OFF	300	1.8	
LDO17	OFF	100	2.8	Vibrator2V8
LDO18	ON	150	1.8	all analog1V8
LDO19	ON	400	3.0	eMMC VDDM 3P0
LDO20	OFF	100	2.8	TP_IO
LDO21	OFF	300	1.8	
LDO22	OFF	300	1.2	M camera core
LVS2		10	1.8	PASStar VDD

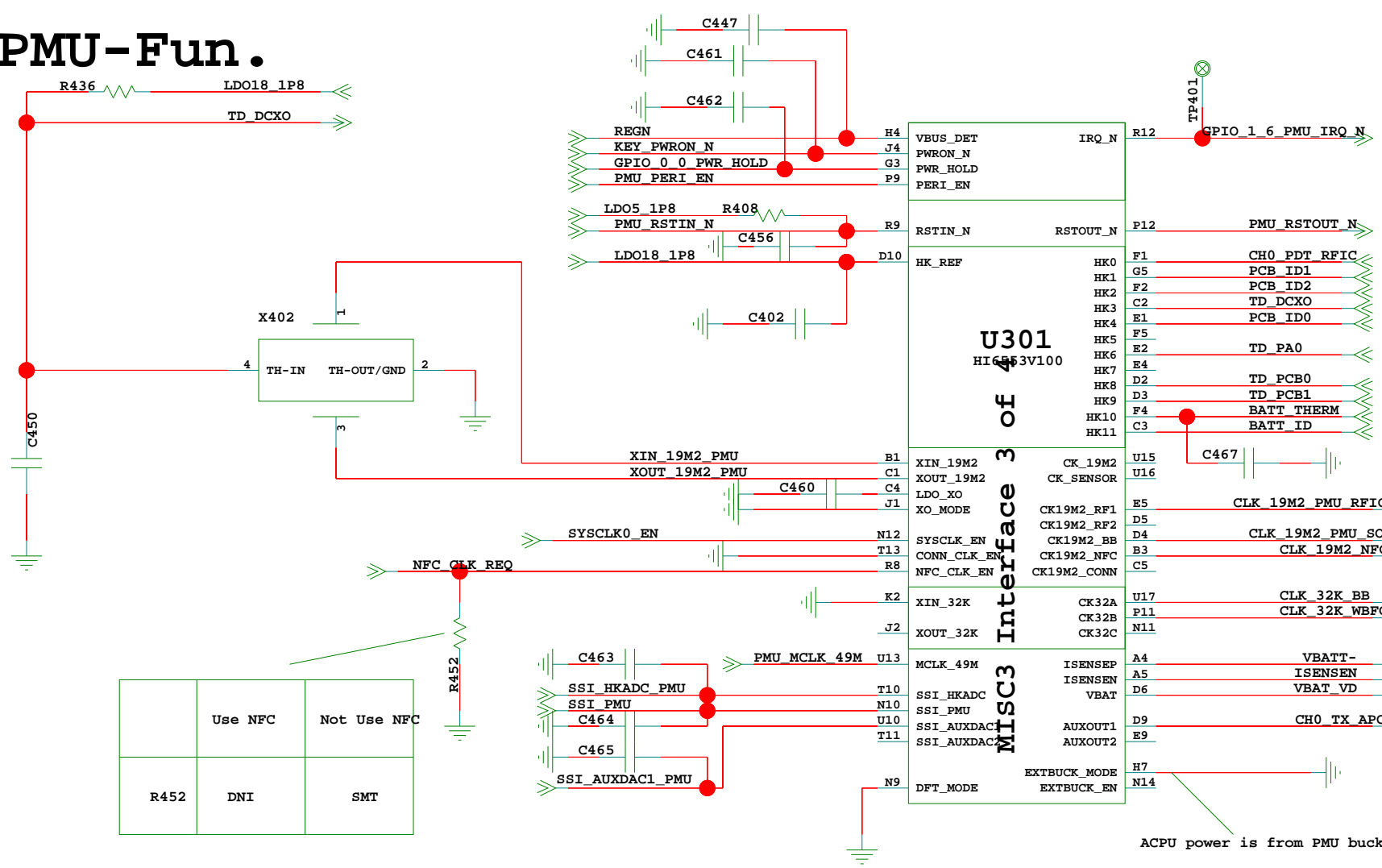
BUCK0	ON	3500	1.05	ACPU
BUCK1	ON	3500	1.05	ACPU
BUCK2	ON	3000	1.05	GPU,IP core
BUCK3	ON	1000	1.25	DDR PHY & DDR3,LDO_L
BUCK4	ON	1000	2.1	LDO M

The type and specification of the components refer to the BOM				
DESIGNED	LIMIN 00128692	HL3ALICEM		
REVIEWED	QIUHONGBING 00248133	03023ARE_SCHZH		
		VER	PART_NUMBER	SHEET 3-PMU/Buck/LDO
		F	03023ARE	HUAWEI TECH CO.,LTD.

4. PMU-Codec



PMU-Fun.



Board ID	TL00	L21	UL00	L02	L23
NO SPK PA	707	717	727	737	747
SPK PA	708	718	728	738	748

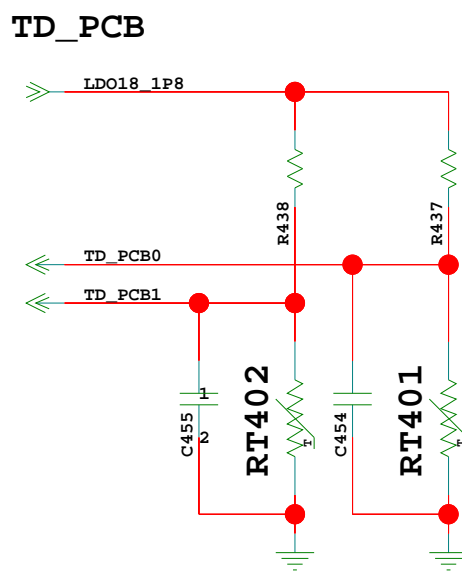
Board ID

Board ID Resistor Set

ID	UP RES	DOWN RES
0	NC	0K
1	150K	22K
2	100K	30K
3	200K	100K
4	150K	121K
5	121K	150K
6	51K	100K
7	30K	100K
8	20K	150K
9	150K	NC

Resistor Code

0K	07090911
20K	07092448
22K	07091172
30K	07091299
51K	07091302
100K	07091246
121K	07091176
150K	07092138
200K	07091406



RT401 close to U501
RT401 for SOC Temperature Detect
RT402 close to U201
RT402 for Charger Temperature Detect

The type and specification of the components refer to the BOM			
DESIGNED	LIMIN 00128692	HL3ALICEM	
REVIEWED	QIUHONGBING 00248133	03023ARE_SCHZH	
VER	F	PART_NUMBER	03023ARE
		SHEET	4-PMU-Code
		HUAWEI TECH CO.,LTD.	

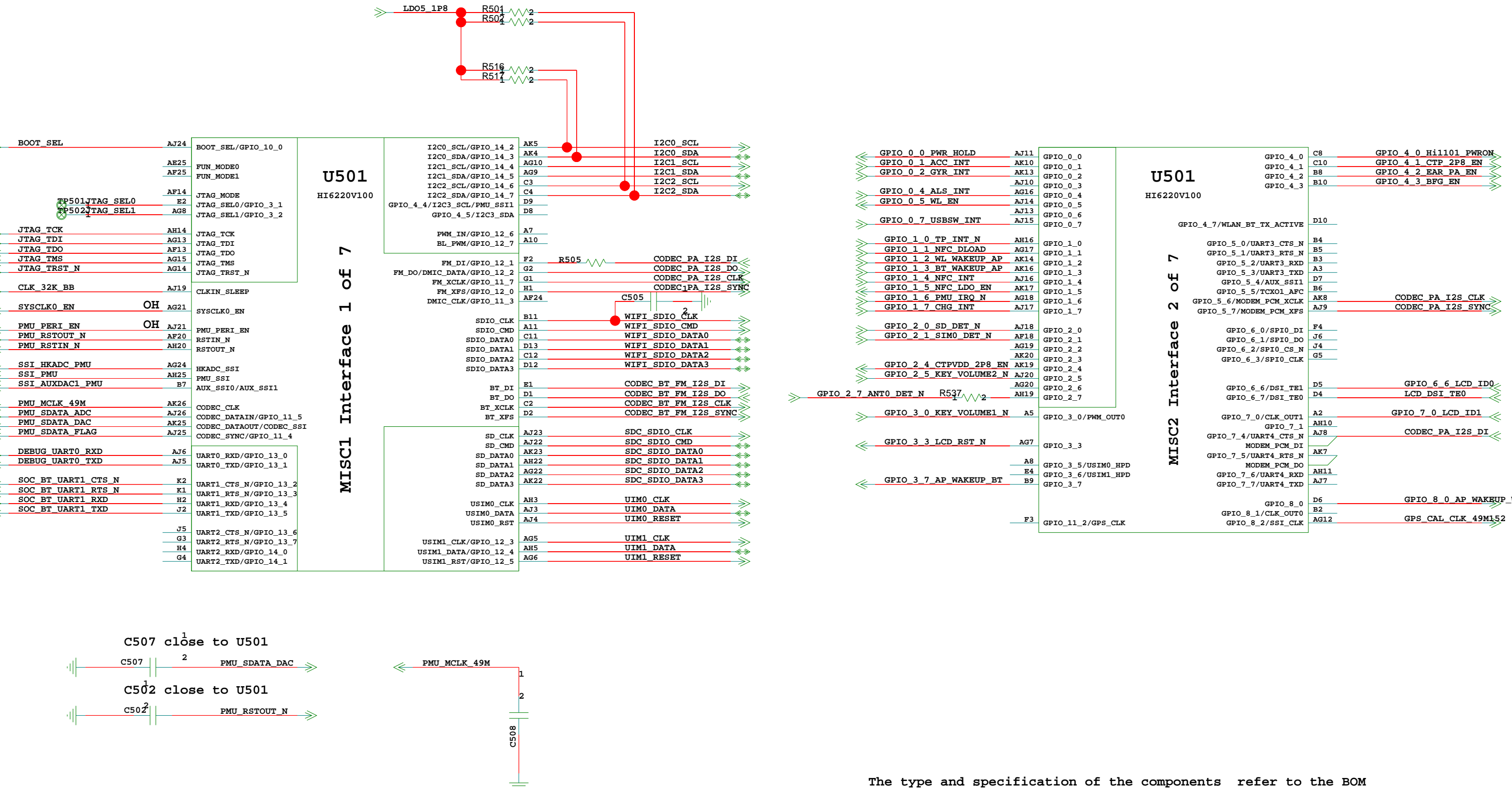
5. SOC GPIO/Func Interface

A

B

C

D

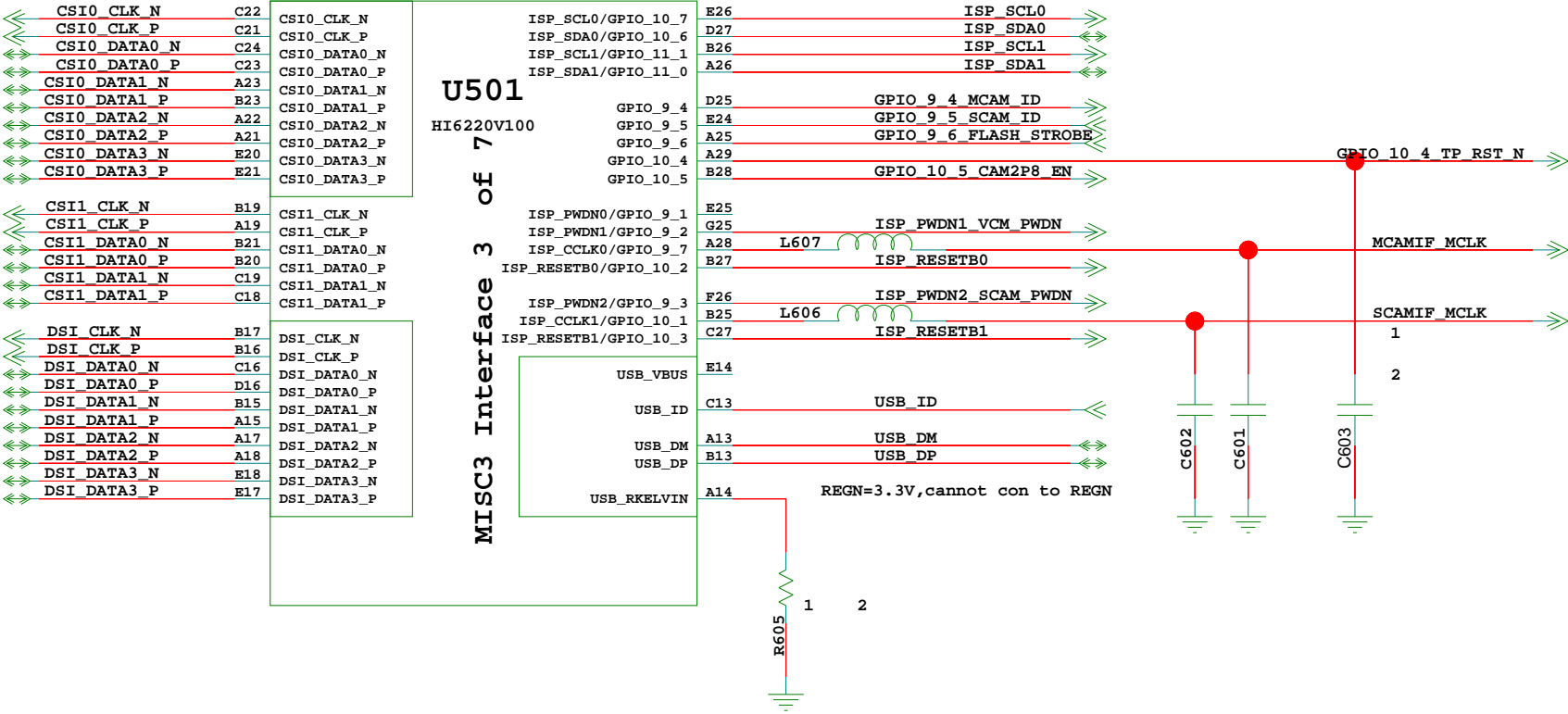


C507 close to U501

C502 close to U501

The type and specification of the components refer to the BOM					
				ECA NO	2015.02.08
				DATE	
DESIGNED	DESIGNED=LIMIN 00128692			03023ARE_SCHZH	
			HL3ALICEM		
REVIEWED	REVIEWED=QIUHONGBING 00248133				
			VER	PART_NUMBER	SHEET @SHEET=5-@SHEETTOTAL=6
			F	03023ARE	HUAWEI TECH CO.,LTD.

6. SOC Media Interface

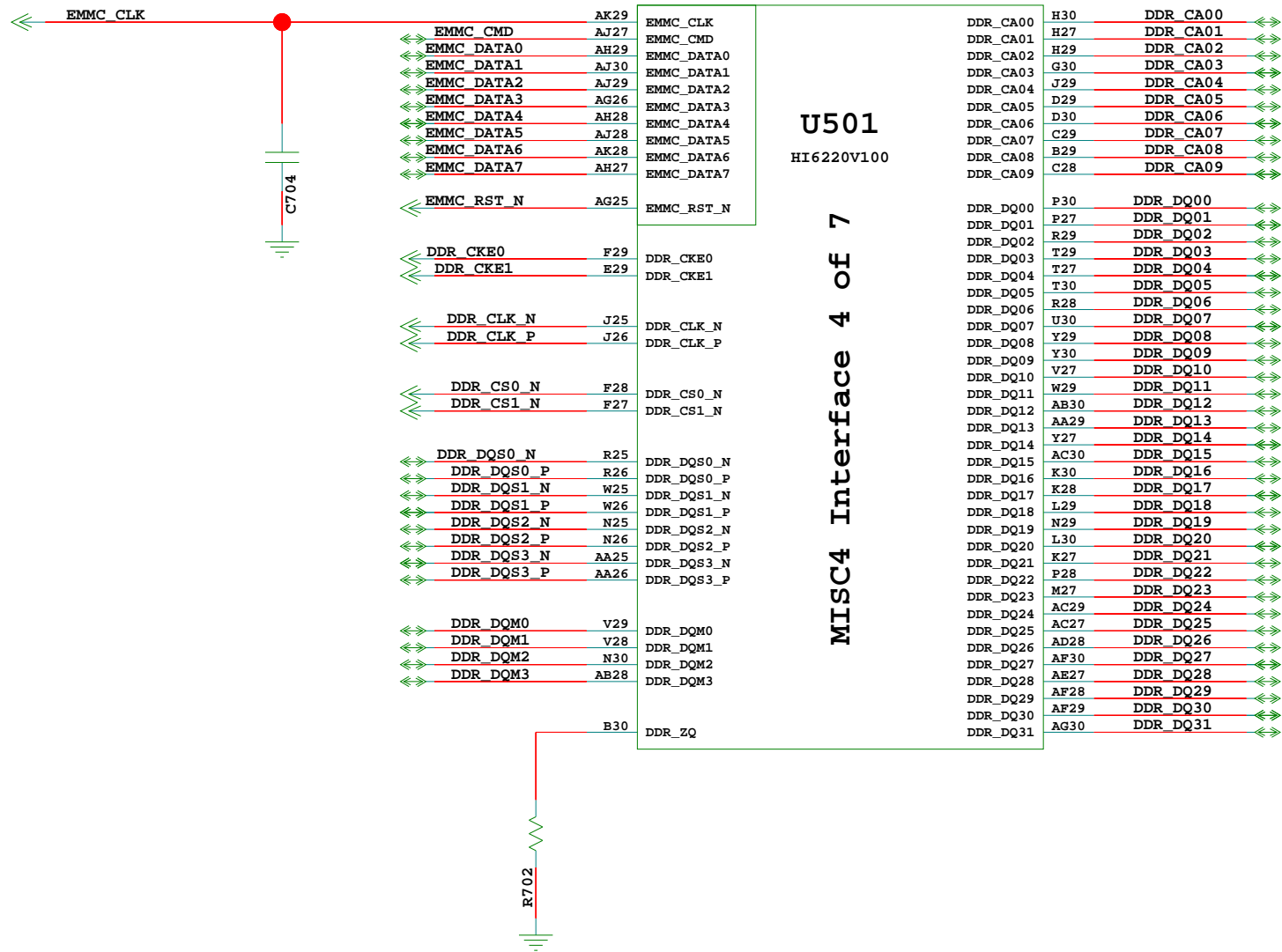


The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	6-SoC Media
		F	03023ARE	HUAWEI TECH CO.,LTD.	

7. SOC Memory Interface

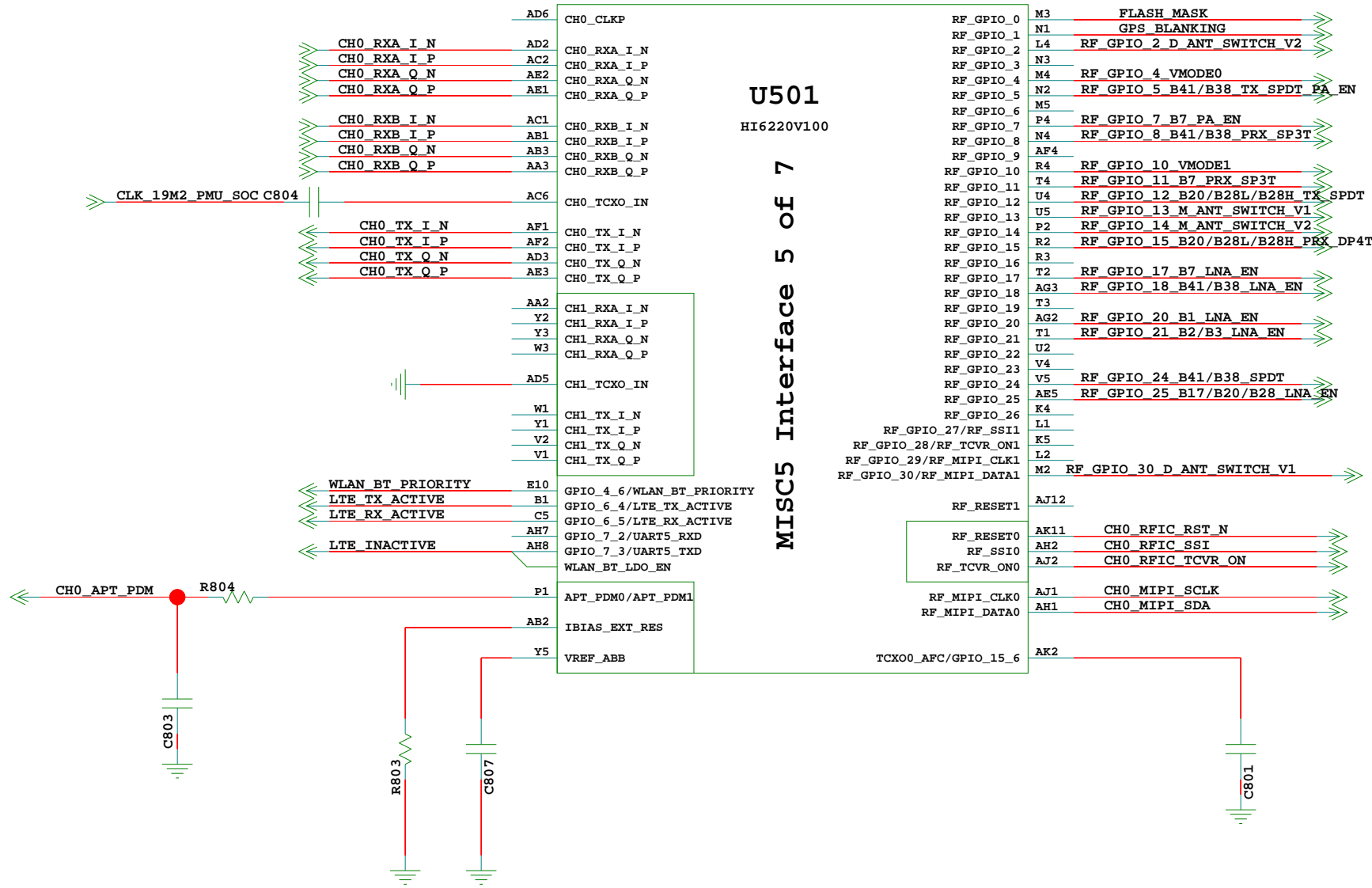
If there is no series resistant R703f~
Need Test Point for EMMC_CLK EMMC_CMD EMMC_DATA0



The type and specification of the components refer to the BOM

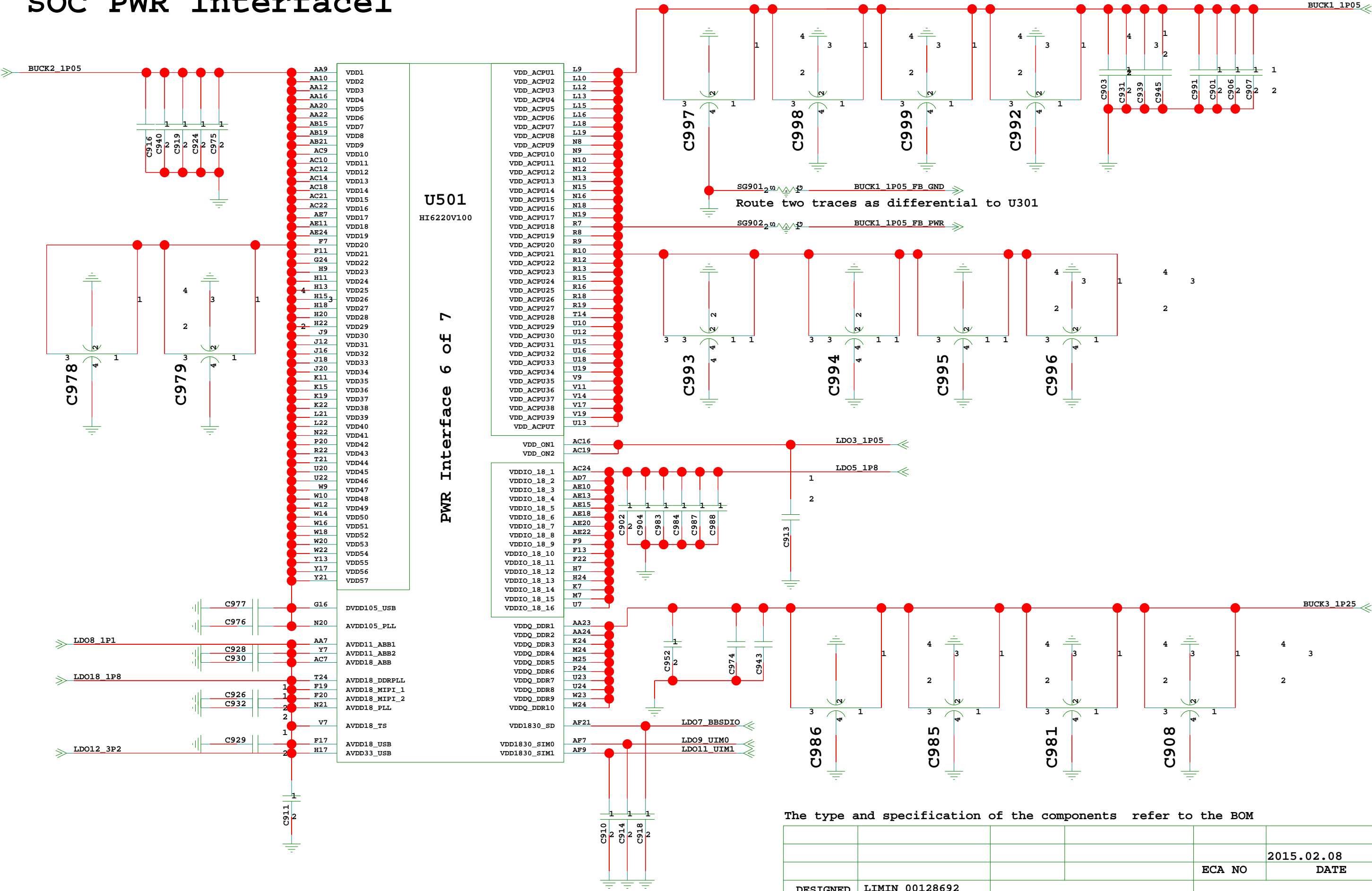
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	7-SoC Mem69y
		F	03023ARE	HUAWEI TECH CO.,LTD.	

8. SOC RF Interface



The type and specification of the components refer to the BOM					
					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 8-SoC OF RF 69	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

9. SOC PWR Interface1



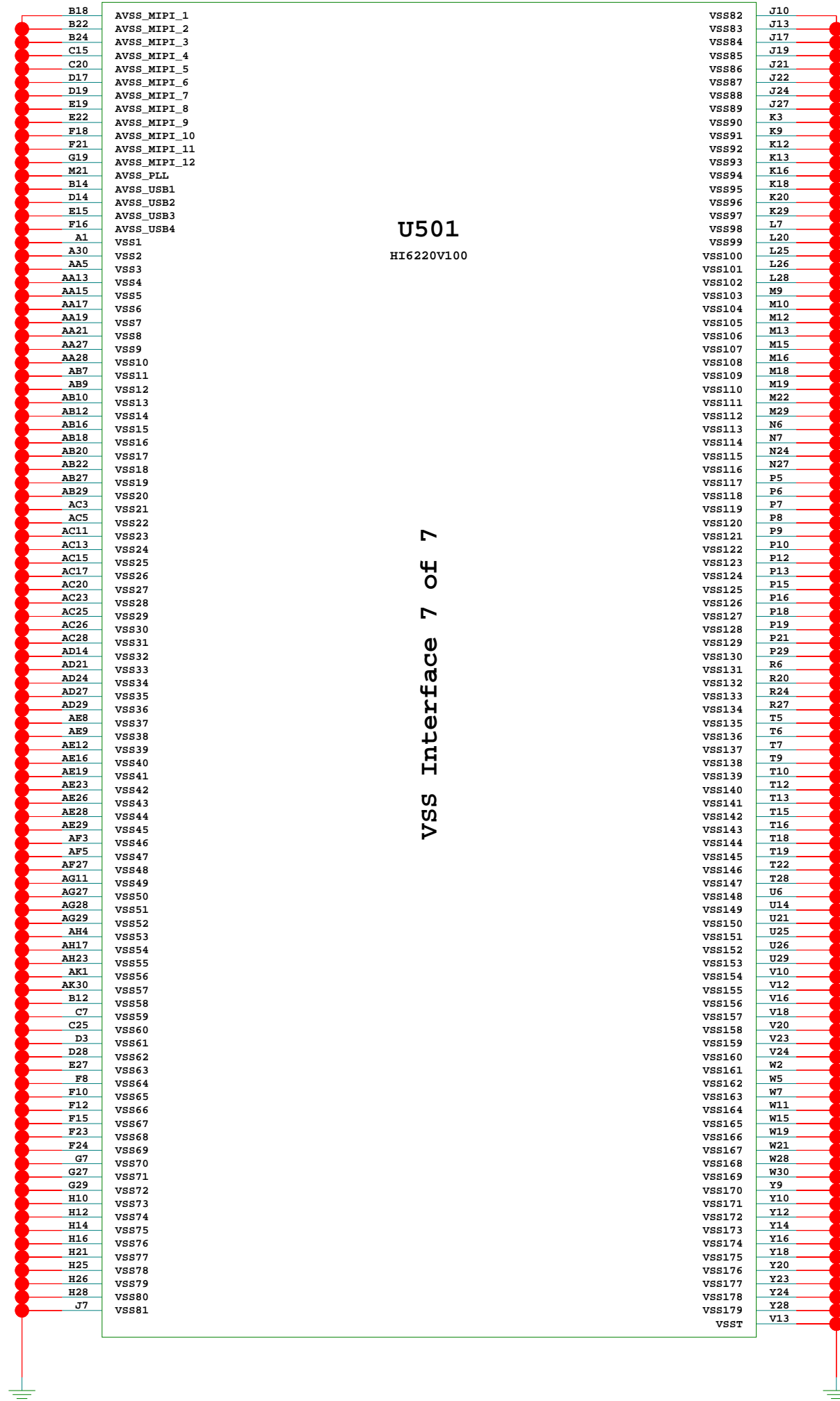
The type and specification of the components refer to the BOM					
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 9-SoCPow69	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

10. Reserved

The type and specification of the components refer to the BOM

					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	10-Reserved
		F	03023ARE	HUAWEI TECH CO.,LTD.	

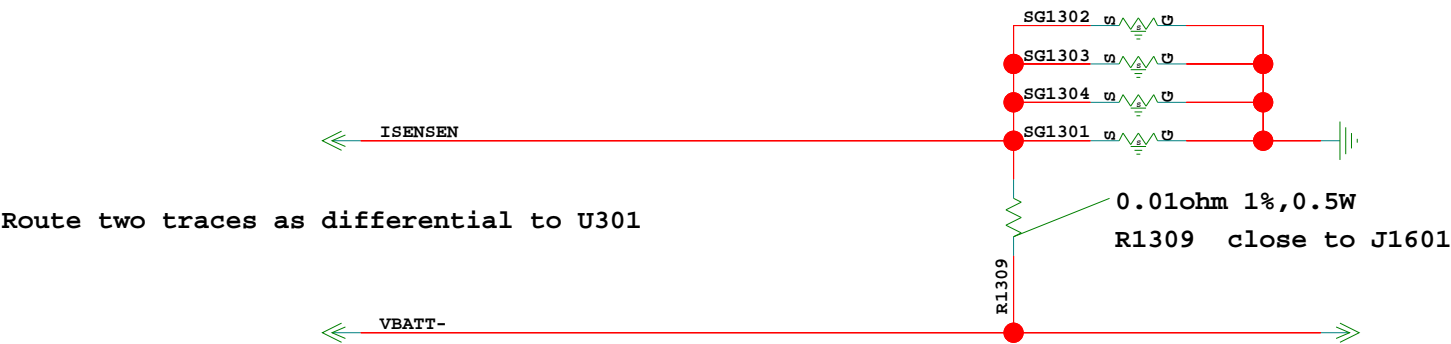
11. SOC GND



The type and specification of the components refer to the BOM

					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	11-SOF-GND9
		F	03023ARE	HUAWEI TECH CO.,LTD.	

13. Battery management/Battery



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 13-Battery Manage	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

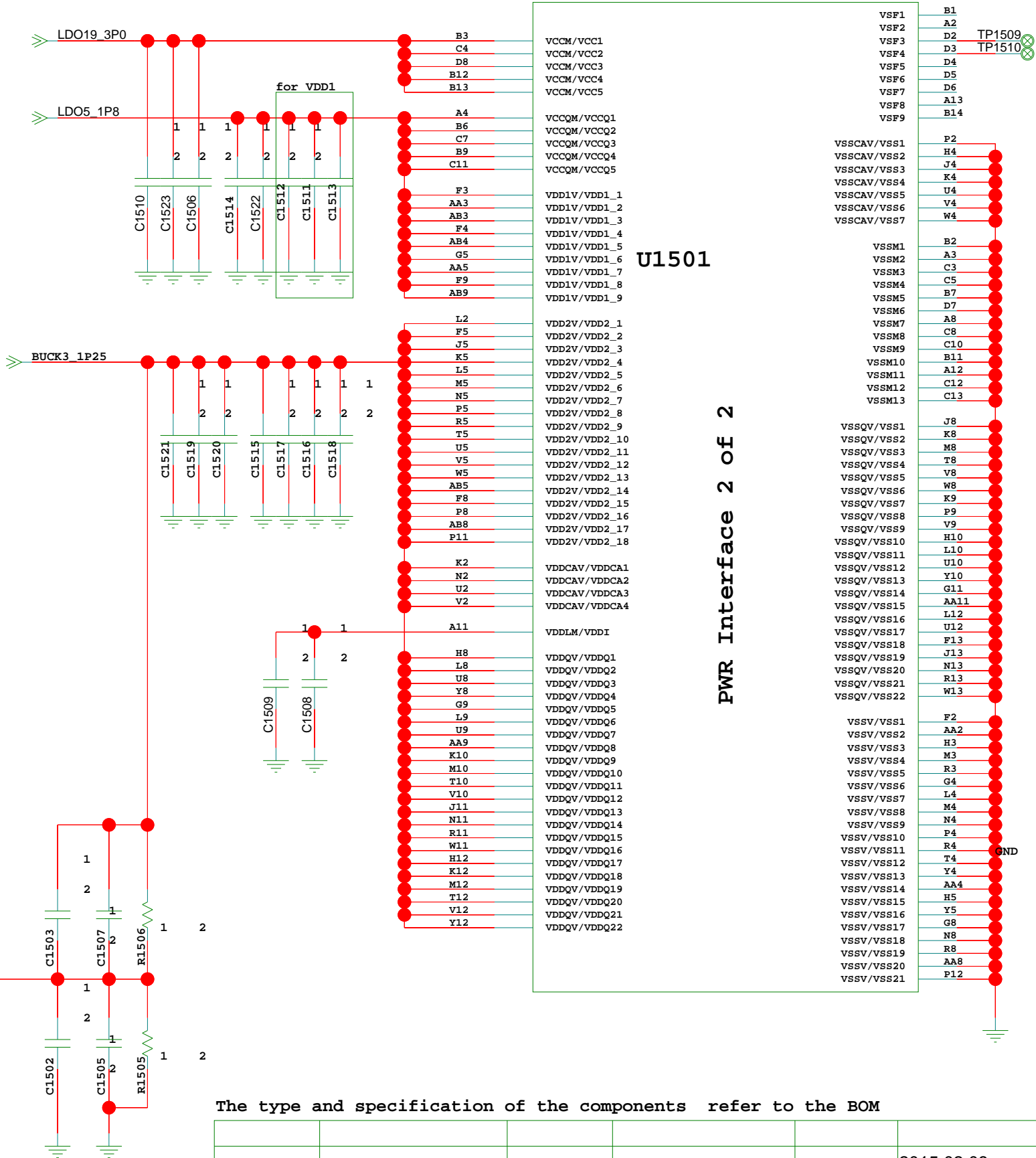
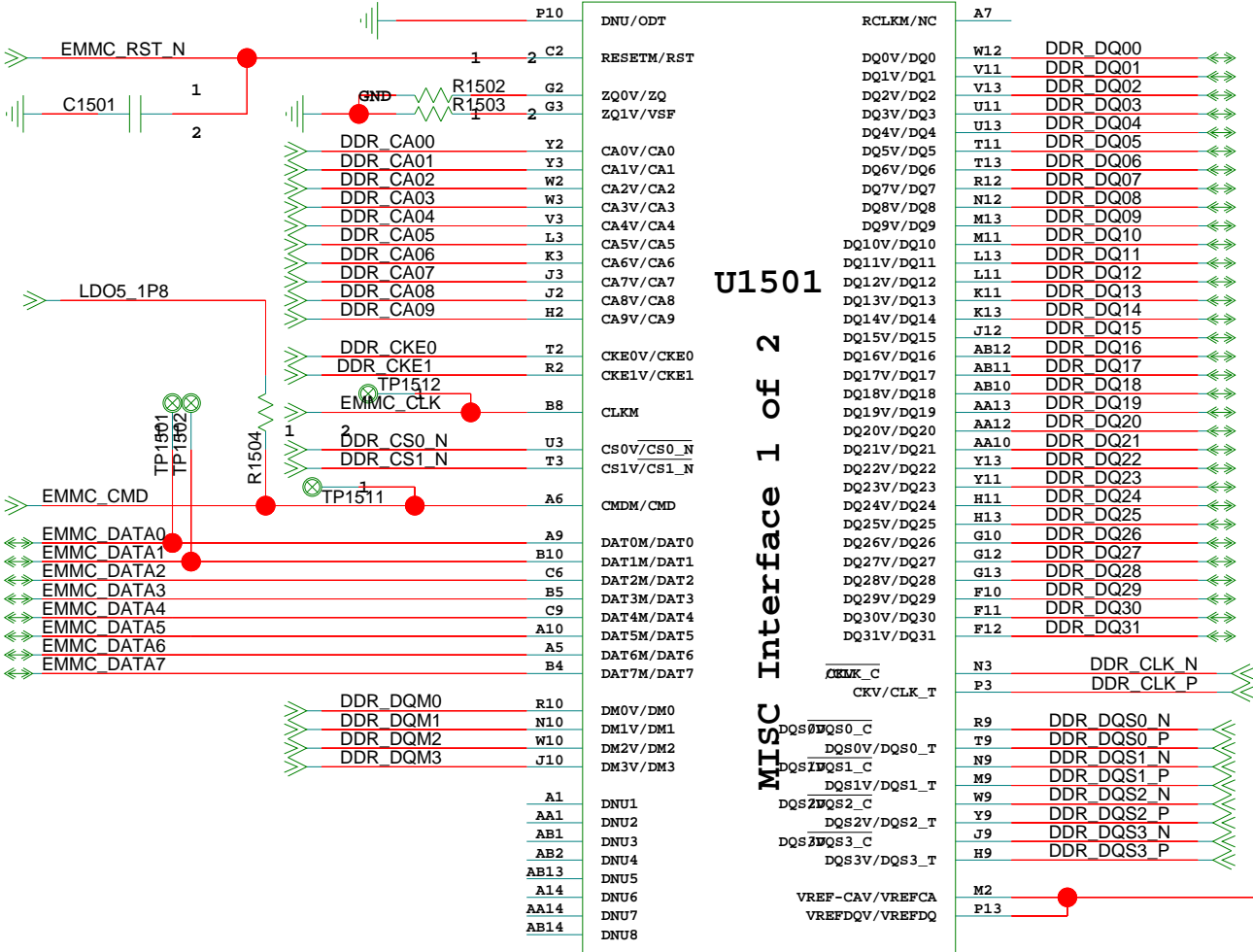
14. Reserved

The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	14-Reserved
		F	03023ARE	HUAWEI TECH CO.,LTD.	

15. eMCP

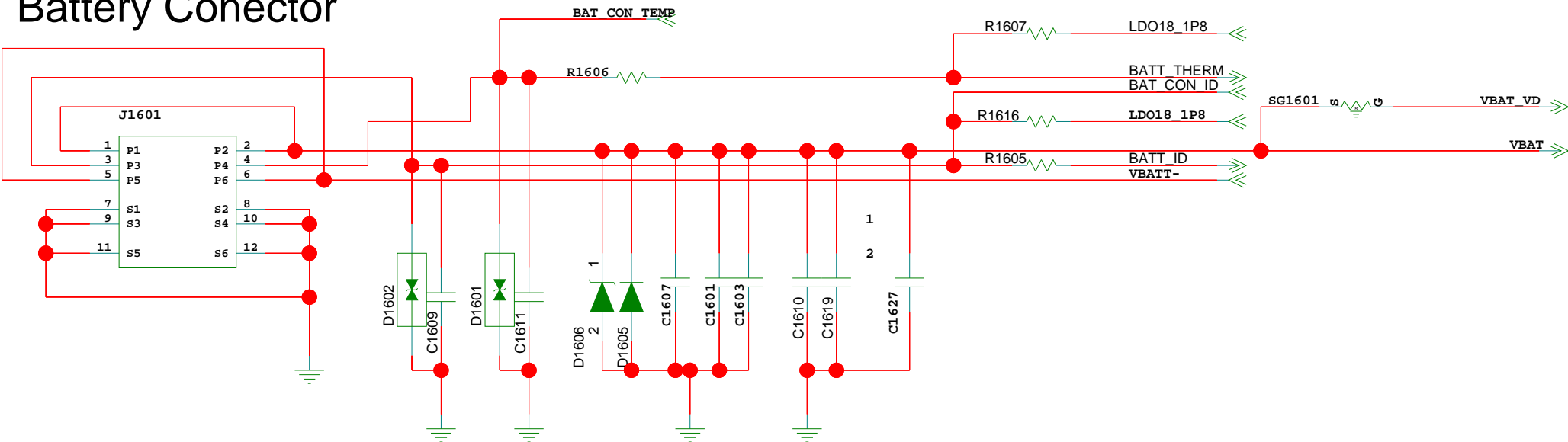
eMCP: 2G LPDDR3+16G EMMC
code:40060656



The type and specification of the components refer to the BOM					
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	15-eMCP 69
		F	03023ARE	HUAWEI TECH CO.,LTD.	

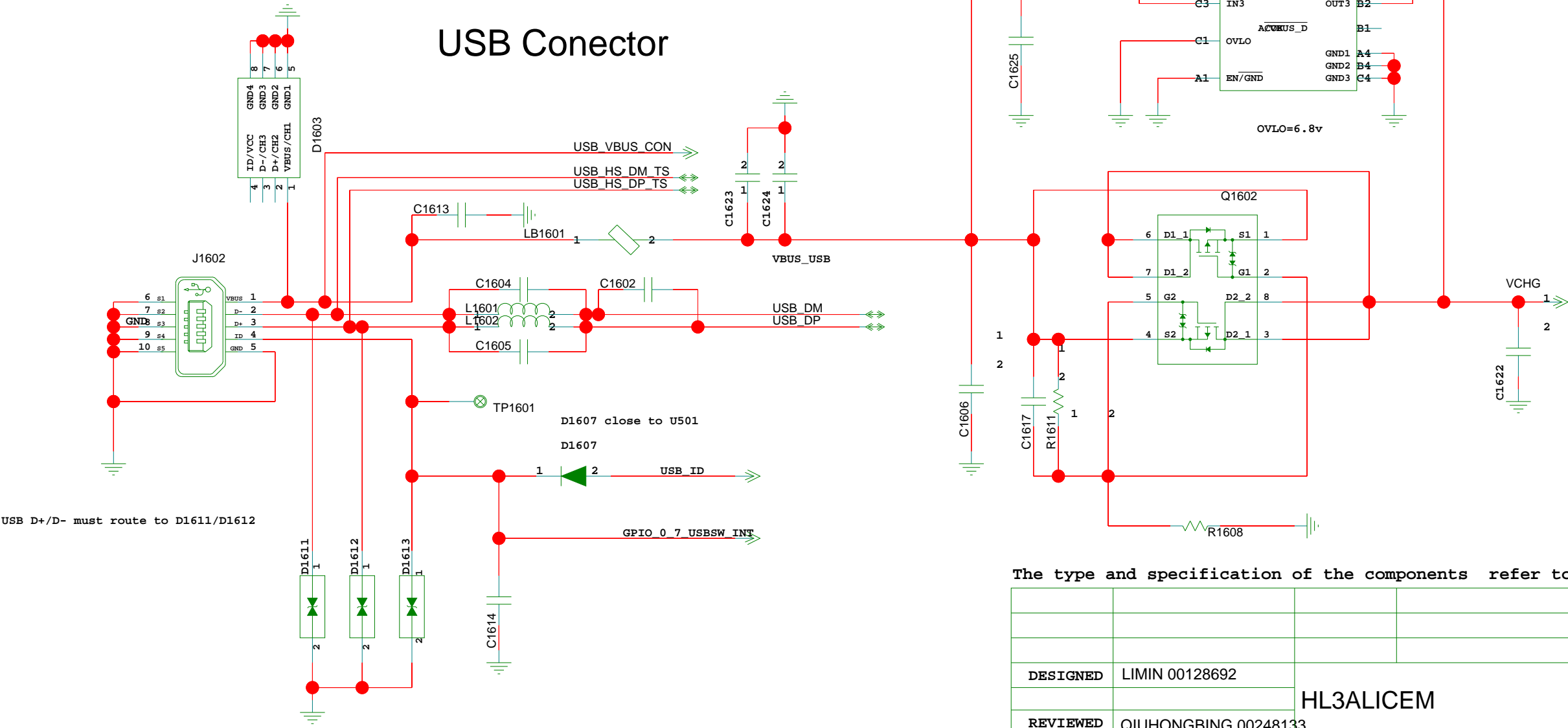
16. Battery/Micro USB Connector

Battery Conector



ID CON resistance to GND(k)			
Min	Type	Max	Factory test mode
GND	GND	GND	OTG Mode
	2		Battery Charge
	2.604		Boot USB with AP
	3.208		Force download with BAT
	4.014		Boot with UART
	4.82		Force download without BAT
	6.03		Battery Discharge
	8.03		RF Calibration with AP
	10.03		Phone off current drain
	14.46		RF Calibration with CP
	17.26		Boot USB with CP

USB Conector

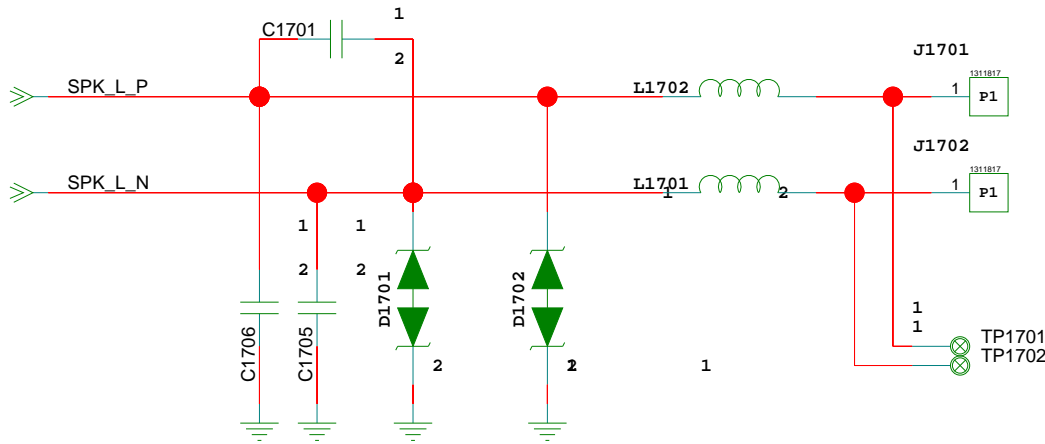


The type and specification of the components refer to the BOM

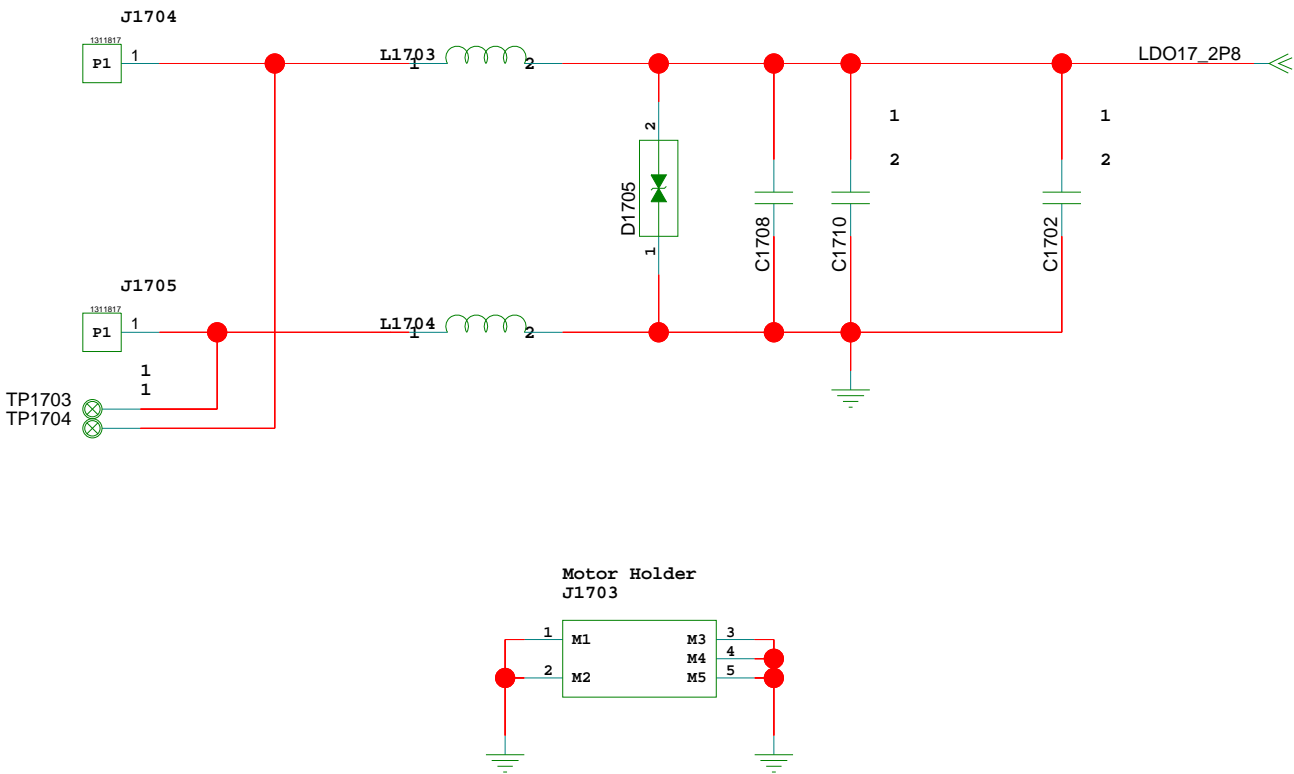
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	16-USB Battery
		F	03023ARE	HUAWEI TECH CO.,LTD.	

17. Speaker and Vibrator

SPK BOX: 22020150



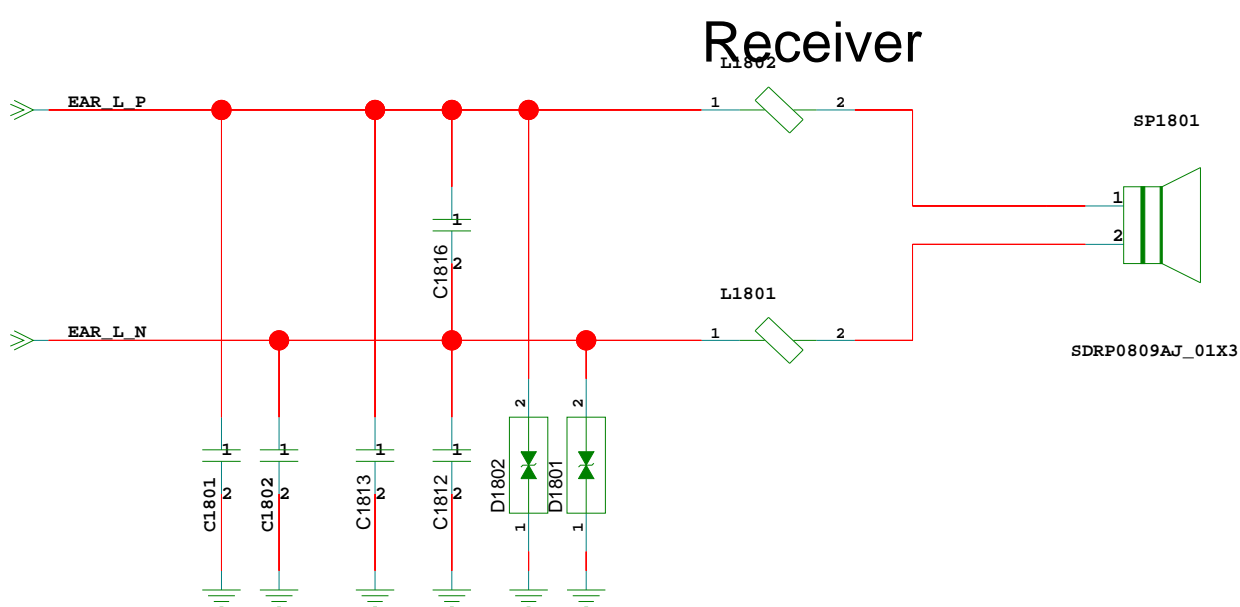
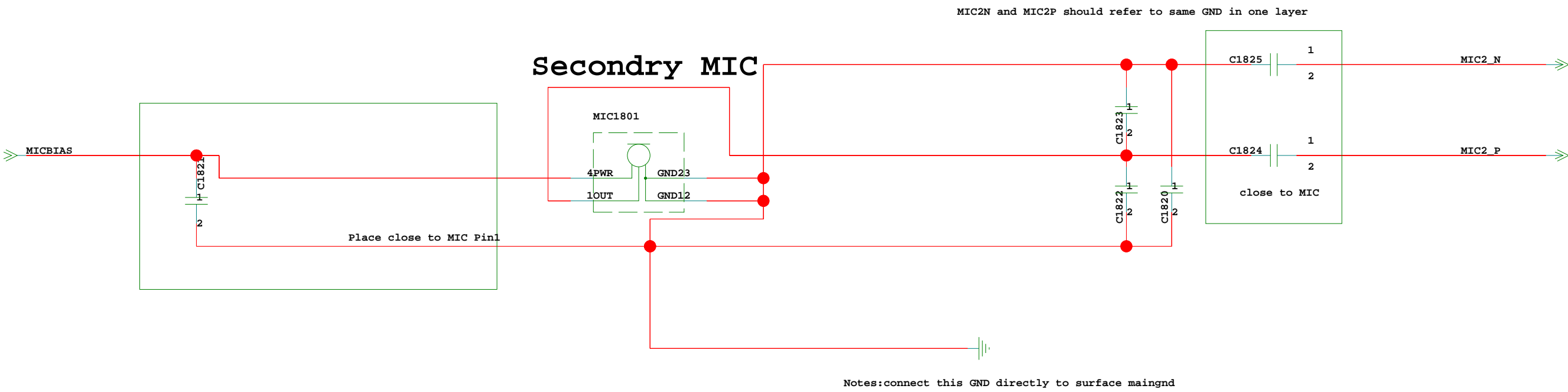
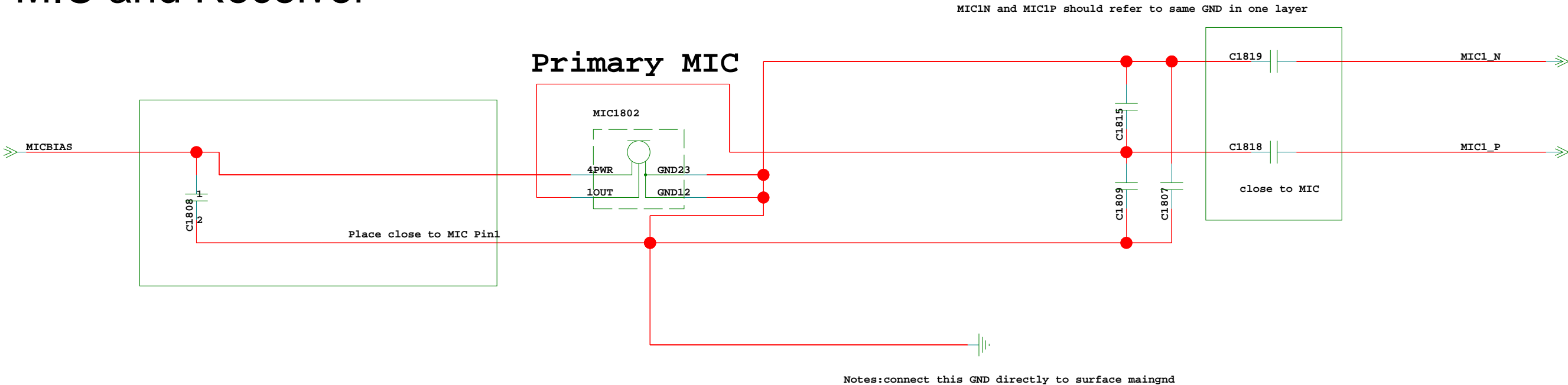
MOTOR 32050045



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133			SHEET 17-SPK Vib 69	
		VER	PART_NUMBER		
		F	03023ARE	HUAWEI TECH CO.,LTD.	

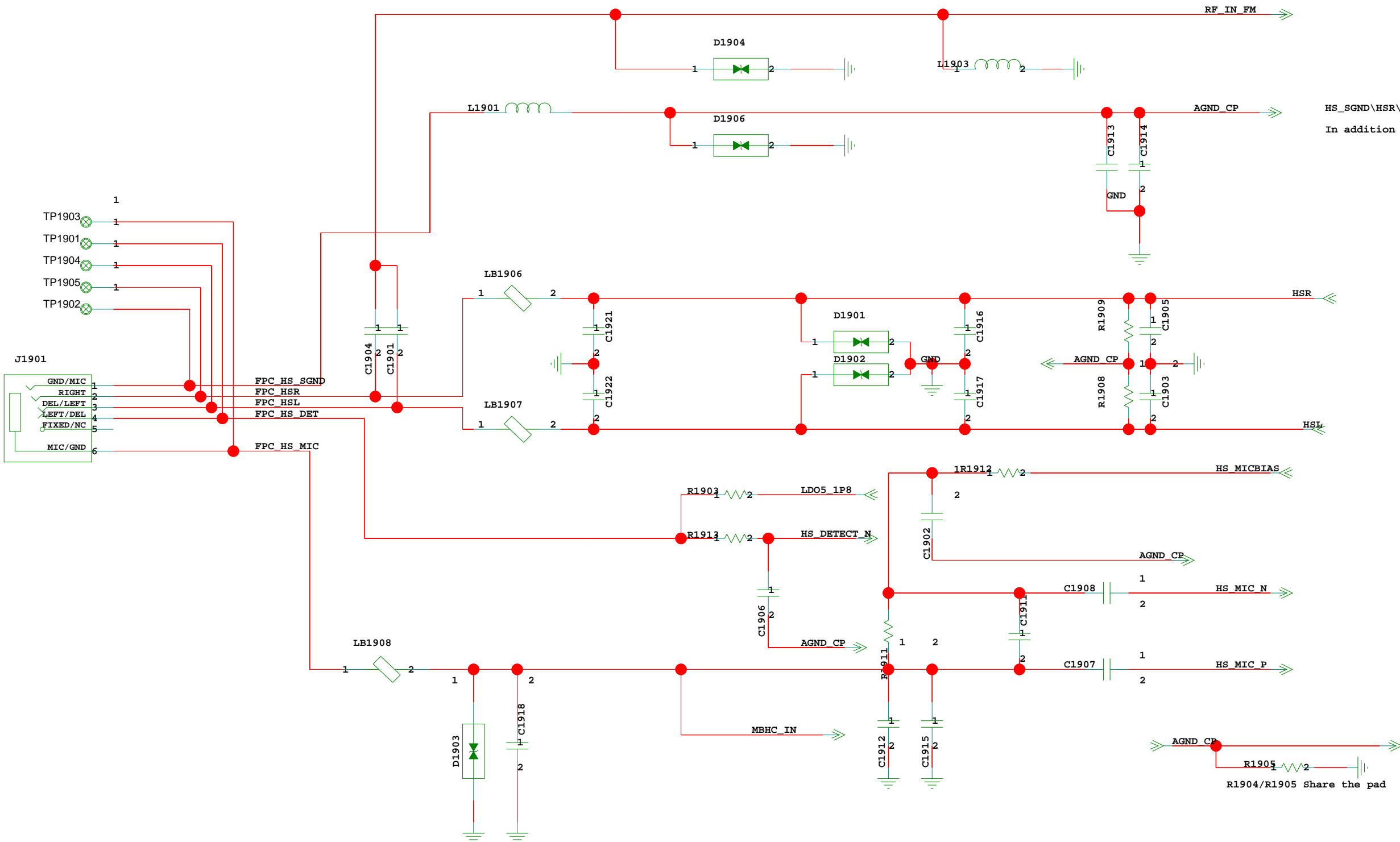
18. MIC and Receiver



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	18-MIC-FRC69
		F	03023ARE	HUAWEI TECH CO.,LTD.	

19. Headphone port

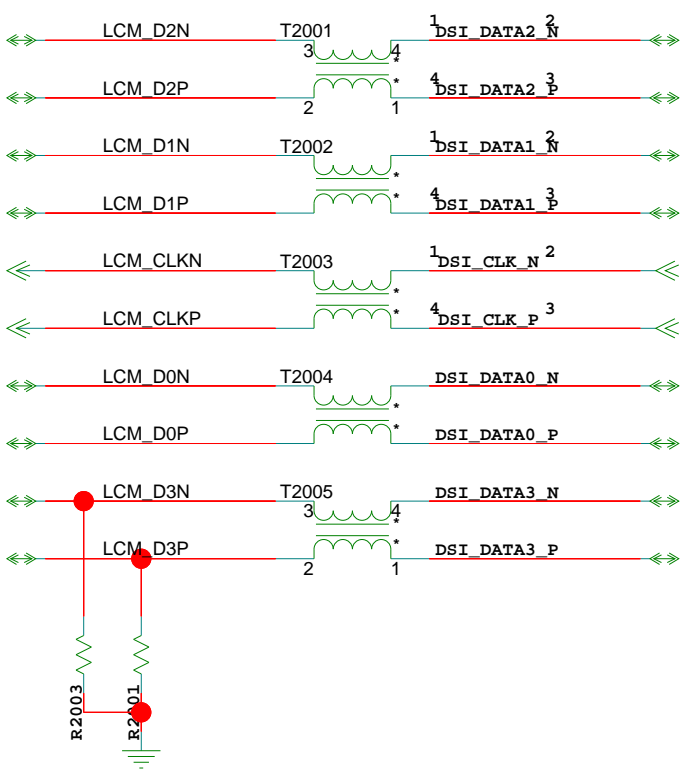
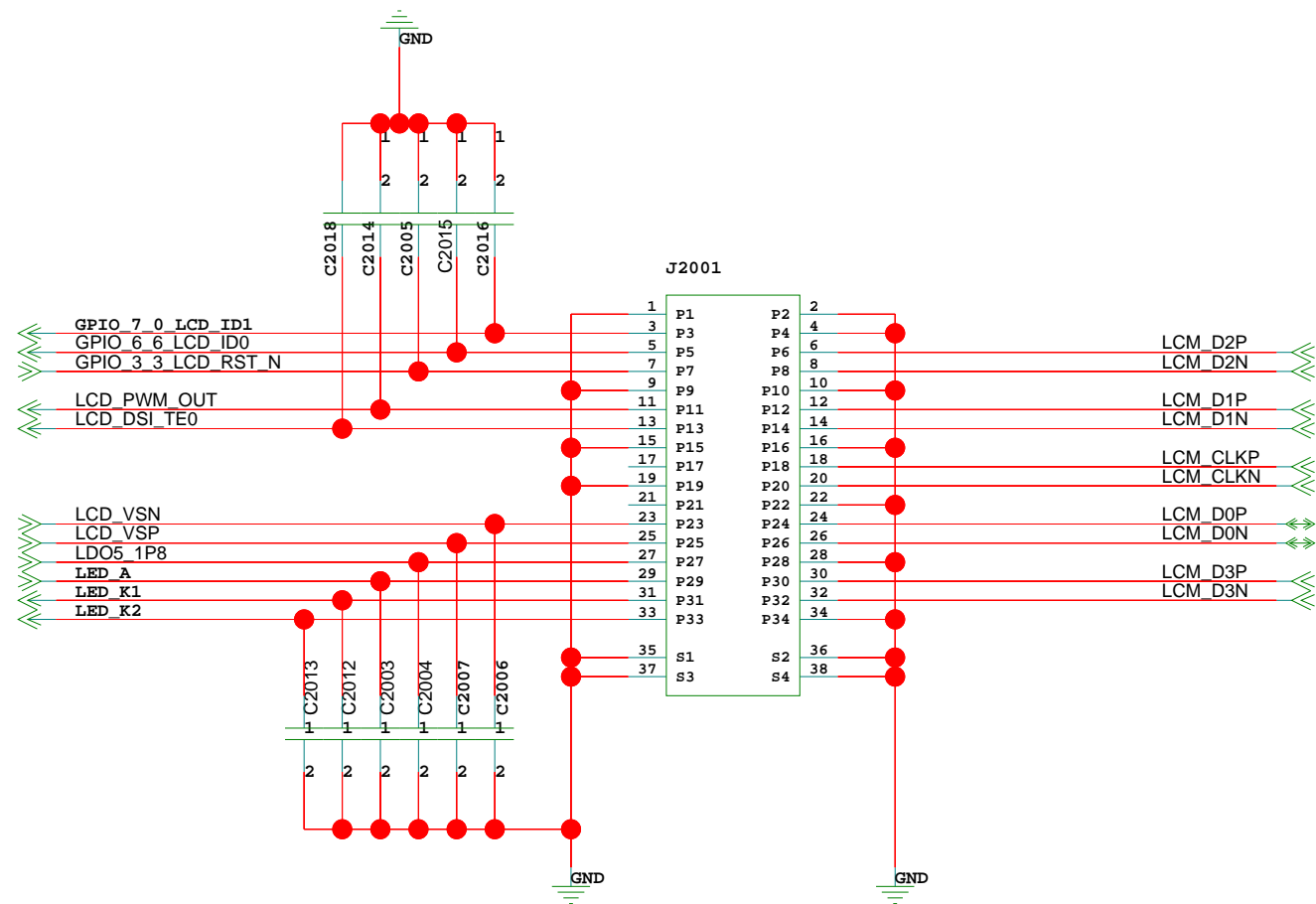


The type and specification of the components refer to the BOM

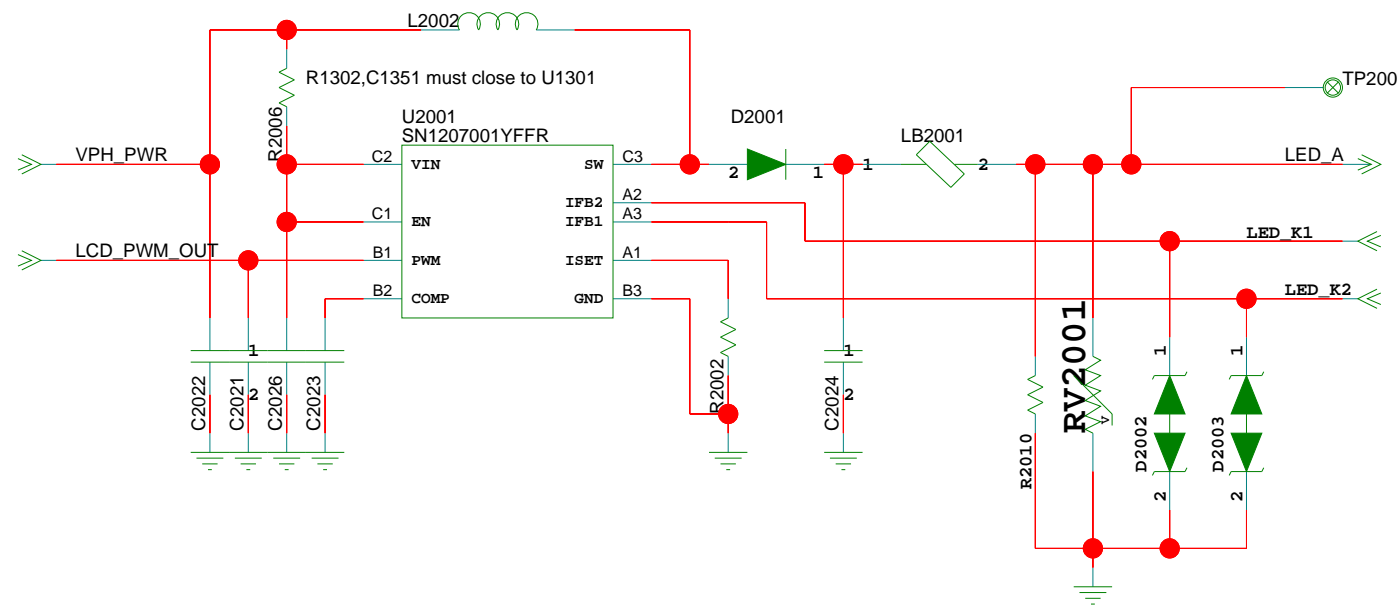
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	19-Headph62e
		F	03023ARE	HUAWEI TECH CO.,LTD.	

20. LCD interface

LCD 5.0 HD 23040391



LCD Backlight Driver



The type and specification of the components refer to the BOM

					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	20-LCD 69
		F	03023ARE	HUAWEI TECH CO.,LTD.	

A

B



A



C



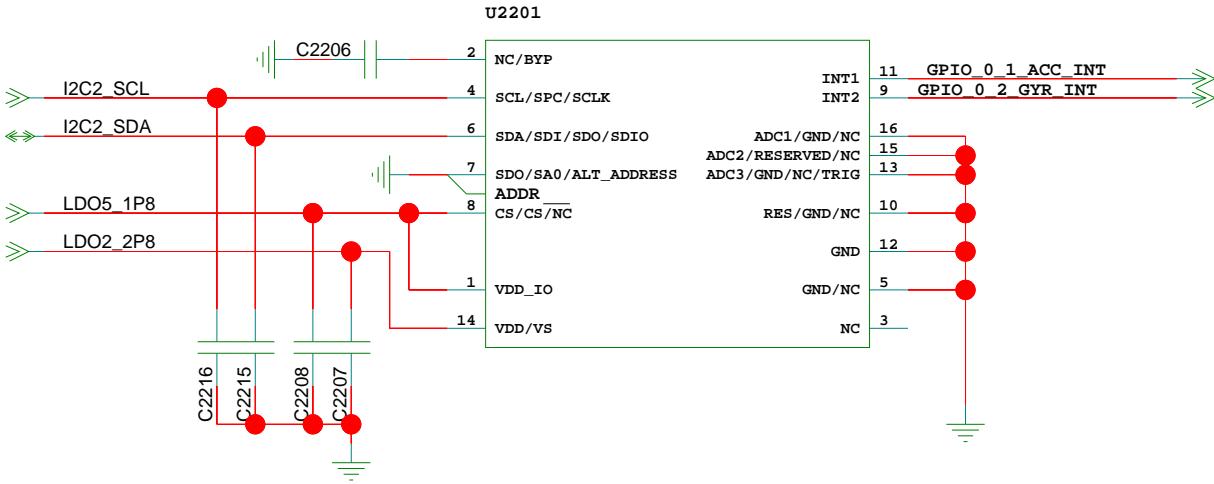
5

6

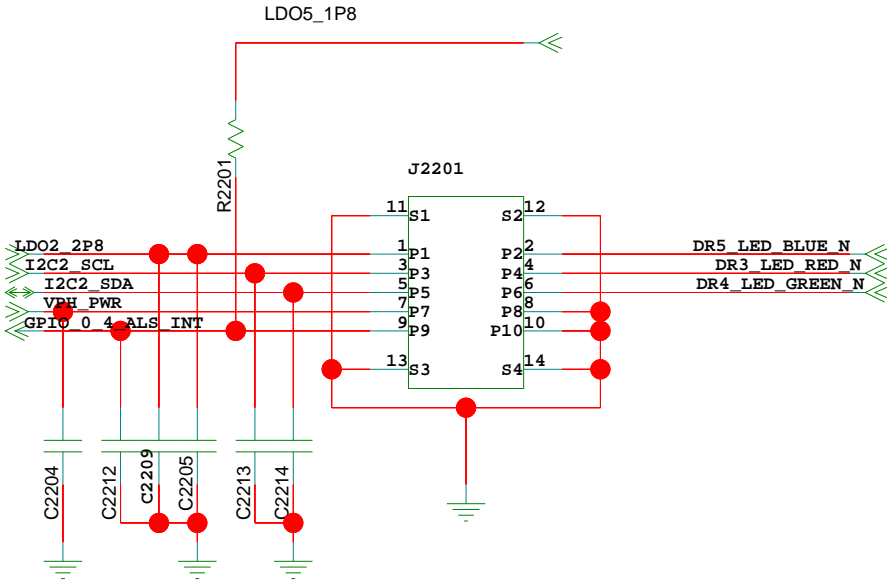
SHEET 21-Camera-FLASH

22. Sensor

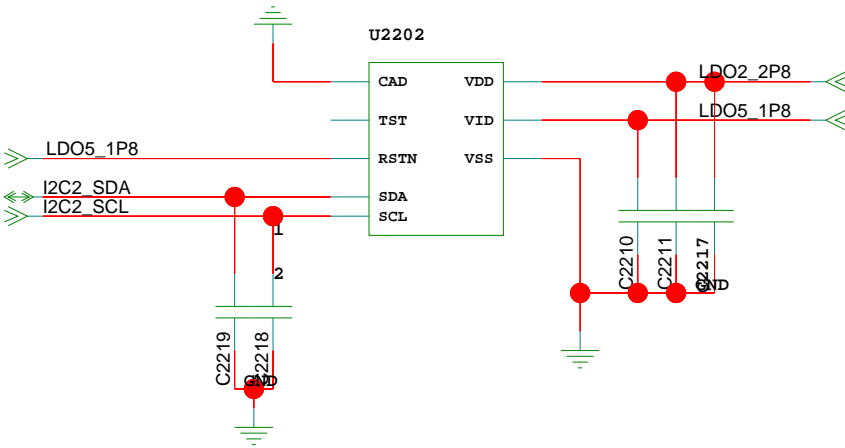
Accelerometer



Proximity & LED indicator



Compass

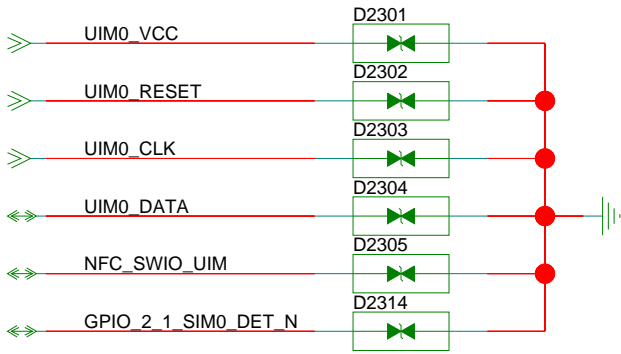
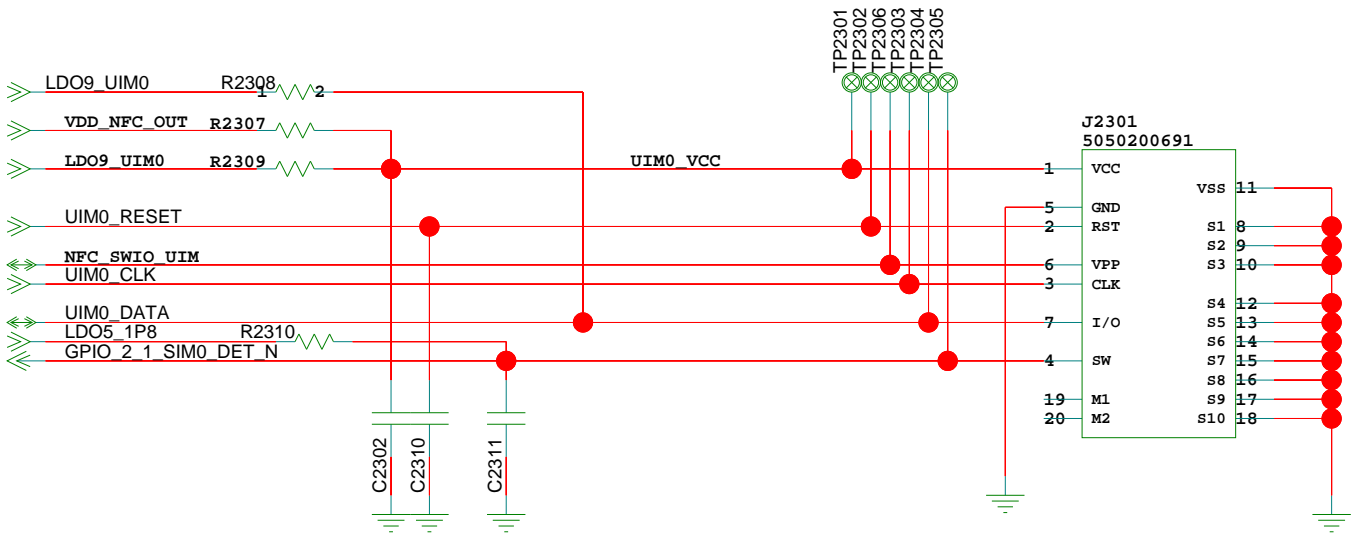


The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133	VER		PART_NUMBER	
		F		03023ARE	
		SHEET 22-Set		HUAWEI TECH CO.,LTD.	

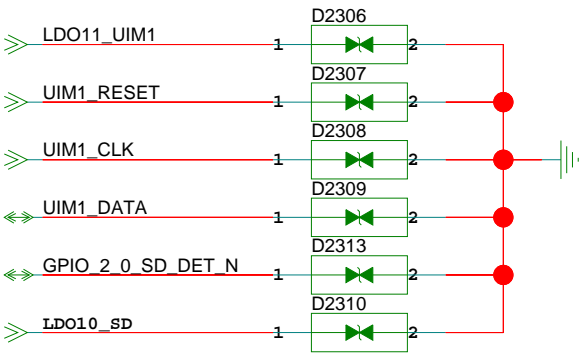
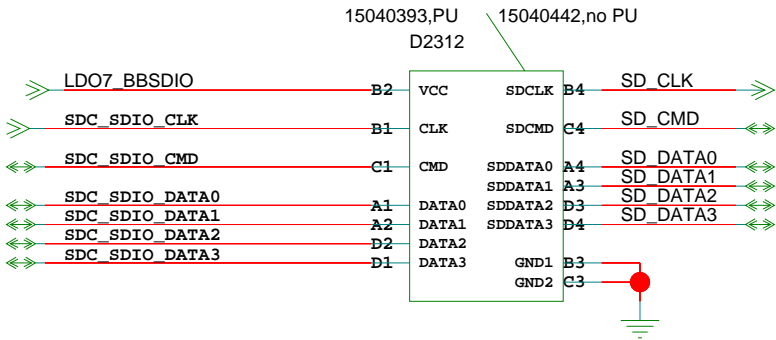
23. SIM/TF Card

MICRO. SIM Card 1:TDL/TD-SCDMA/GSM

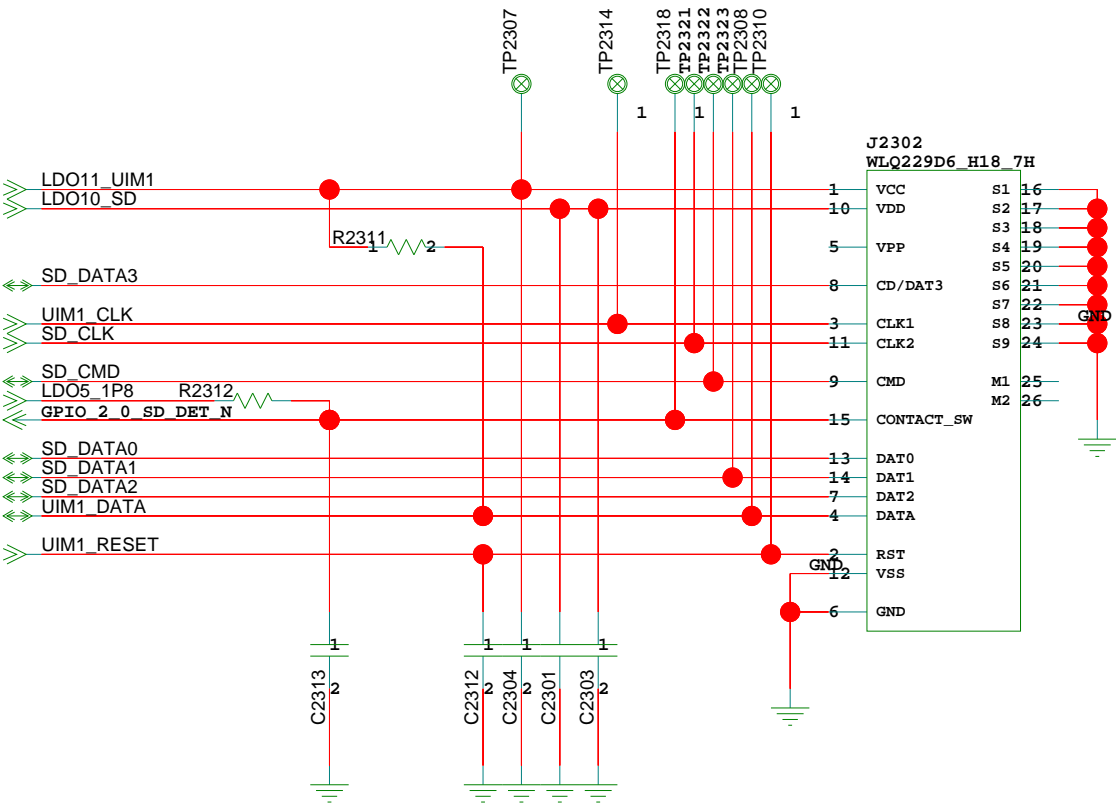


		R2309	R2307
NFC	Y	DNI	SMT
	N	SMT	DNI

TF Card EMI/ESD



Nano. SIM Card 2:TDL/TD-SCDMA/GSM & Micro SD Card

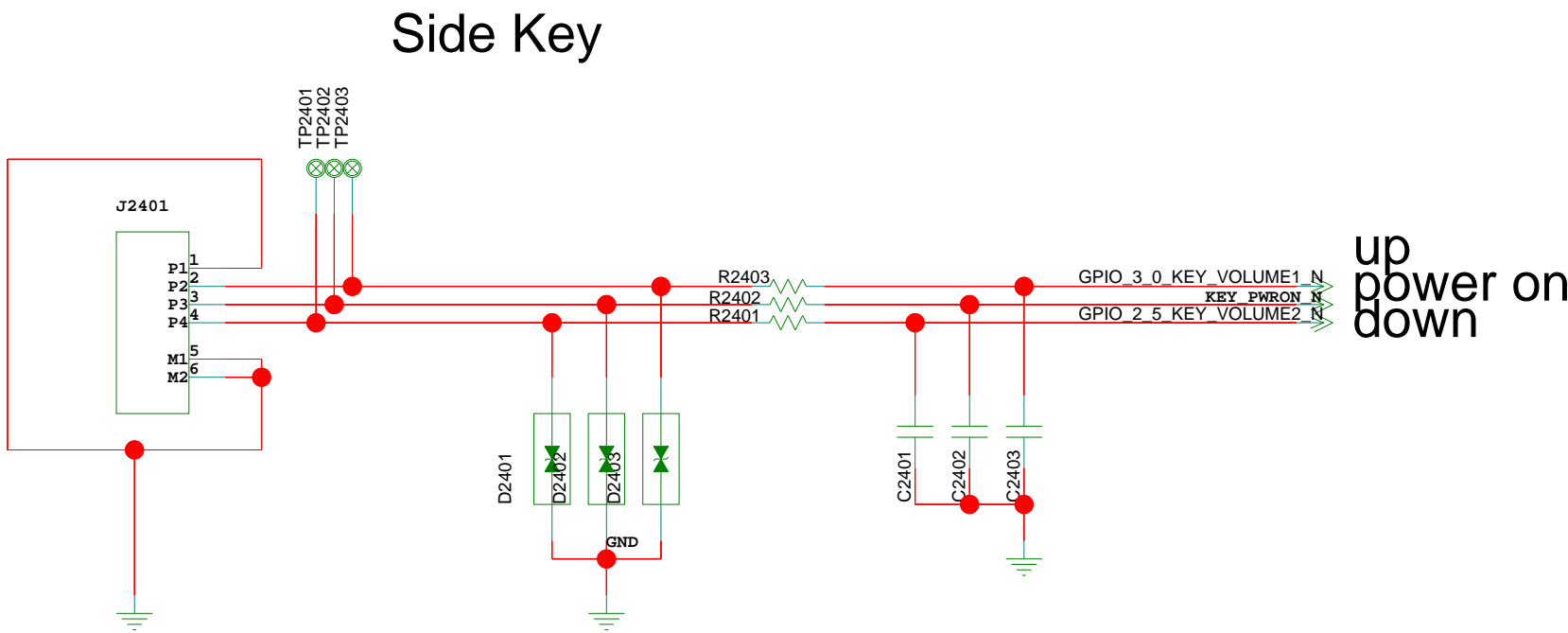


		DNI	SMT
single sim card	Y	R2311,C2304,D2306 D2307,D2308,D2309	
	N		R2311,C2304,D2306 D2307,D2308,D2309

The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 23-SIM/TF 69	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

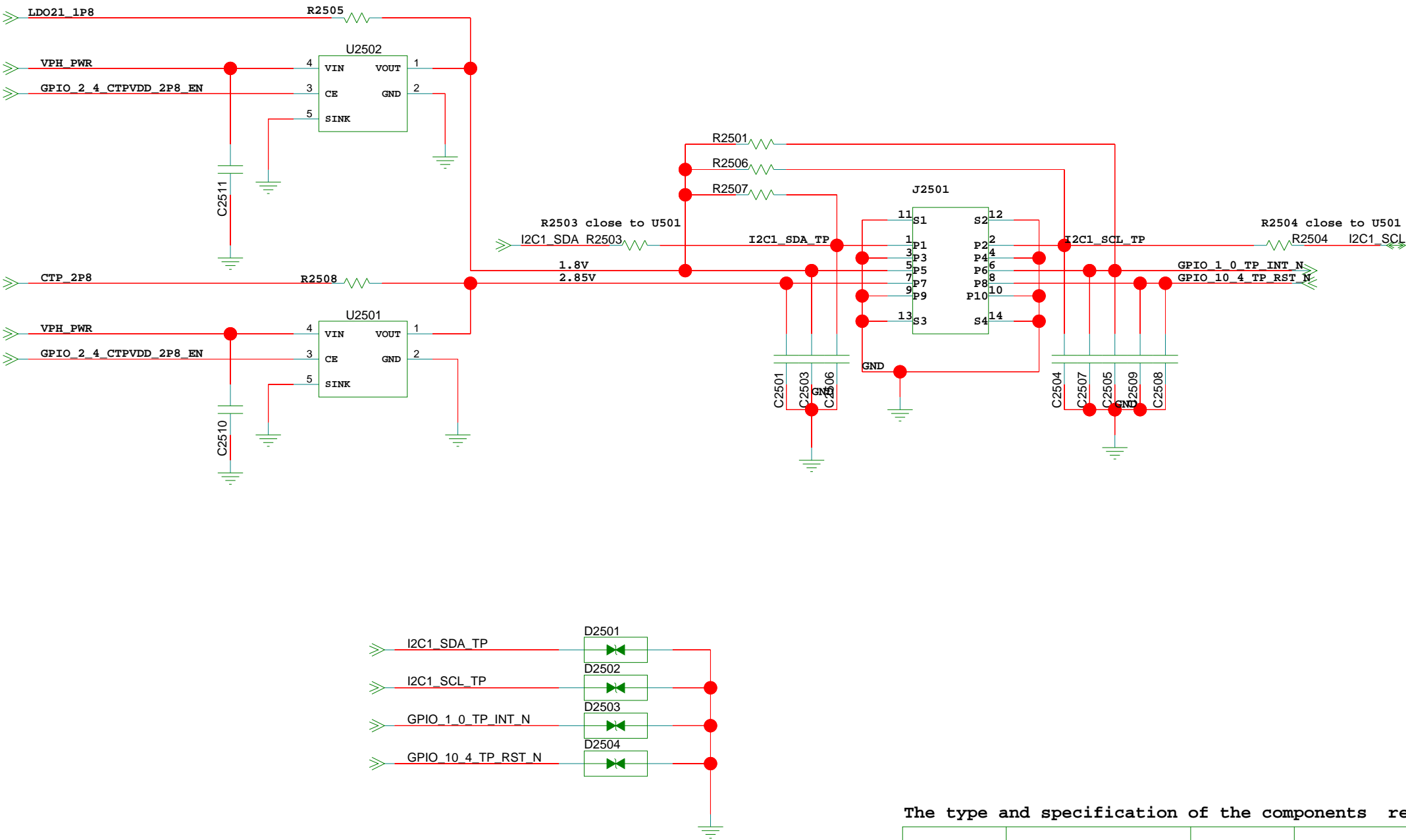
24. Keypad indicator



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	24-Keypad 69
		F	03023ARE	HUAWEI TECH CO.,LTD.	

25. Touch interface

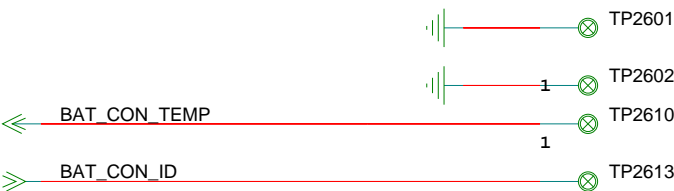


The type and specification of the components refer to the BOM

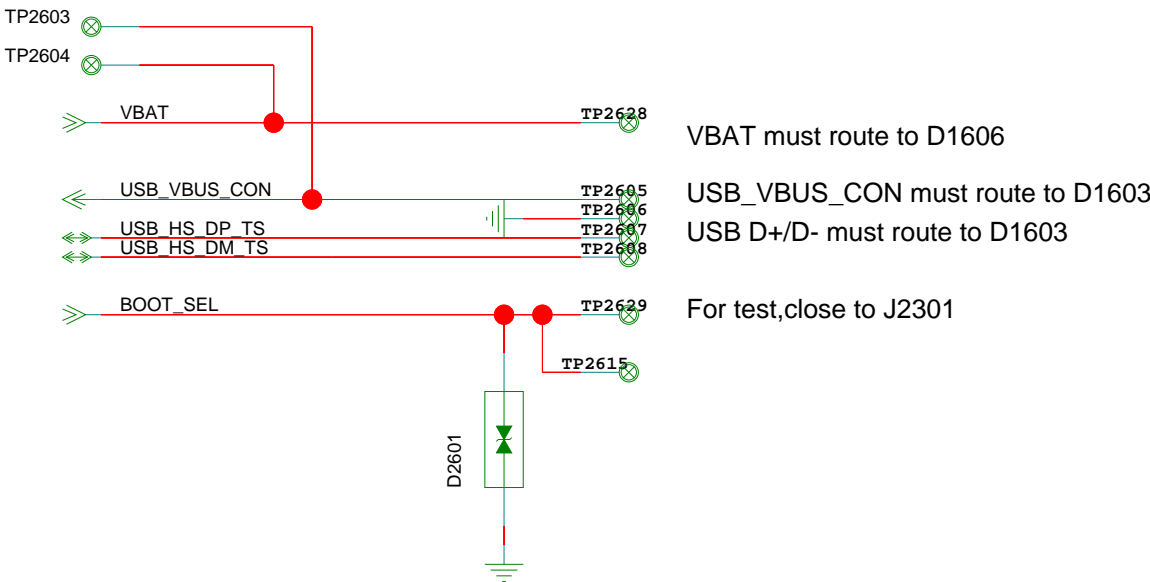
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	25-TPOF 69
		F	03023ARE	HUAWEI TECH CO.,LTD.	

26. Test Points/GND/Shields

CT BT

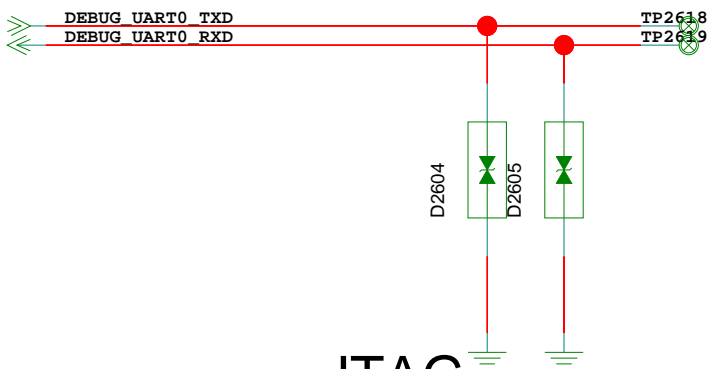


BAT_CON_TEMP must route to D1601
BAT_CON_ID must route to D1602

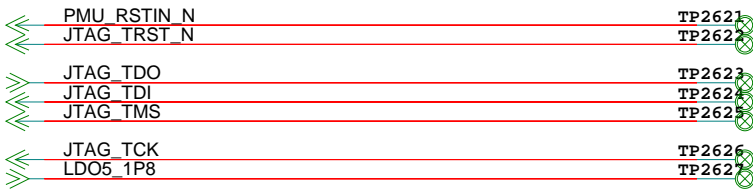


VBAT must route to D1606
USB_VBUS_CON must route to D1603
USB D+/D- must route to D1603
For test,close to J2301

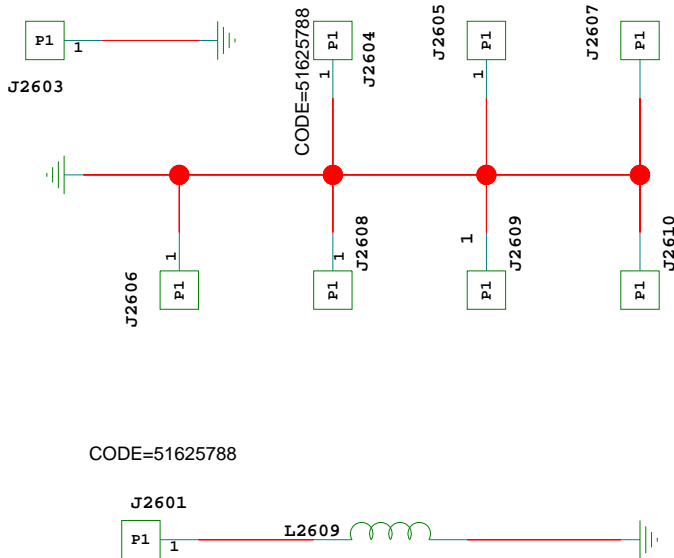
Debug UART



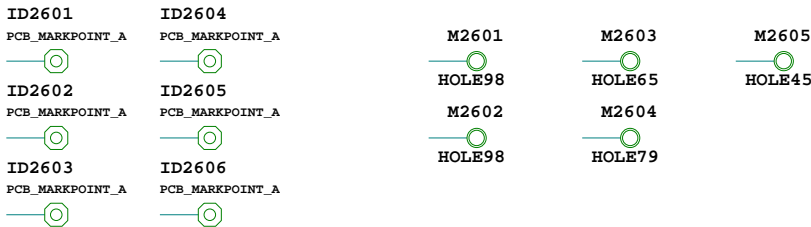
JTAG



ANT feed point

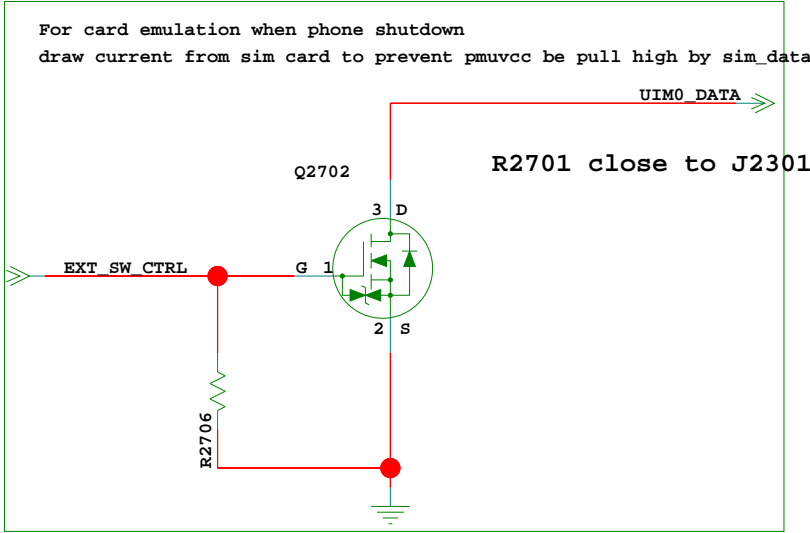
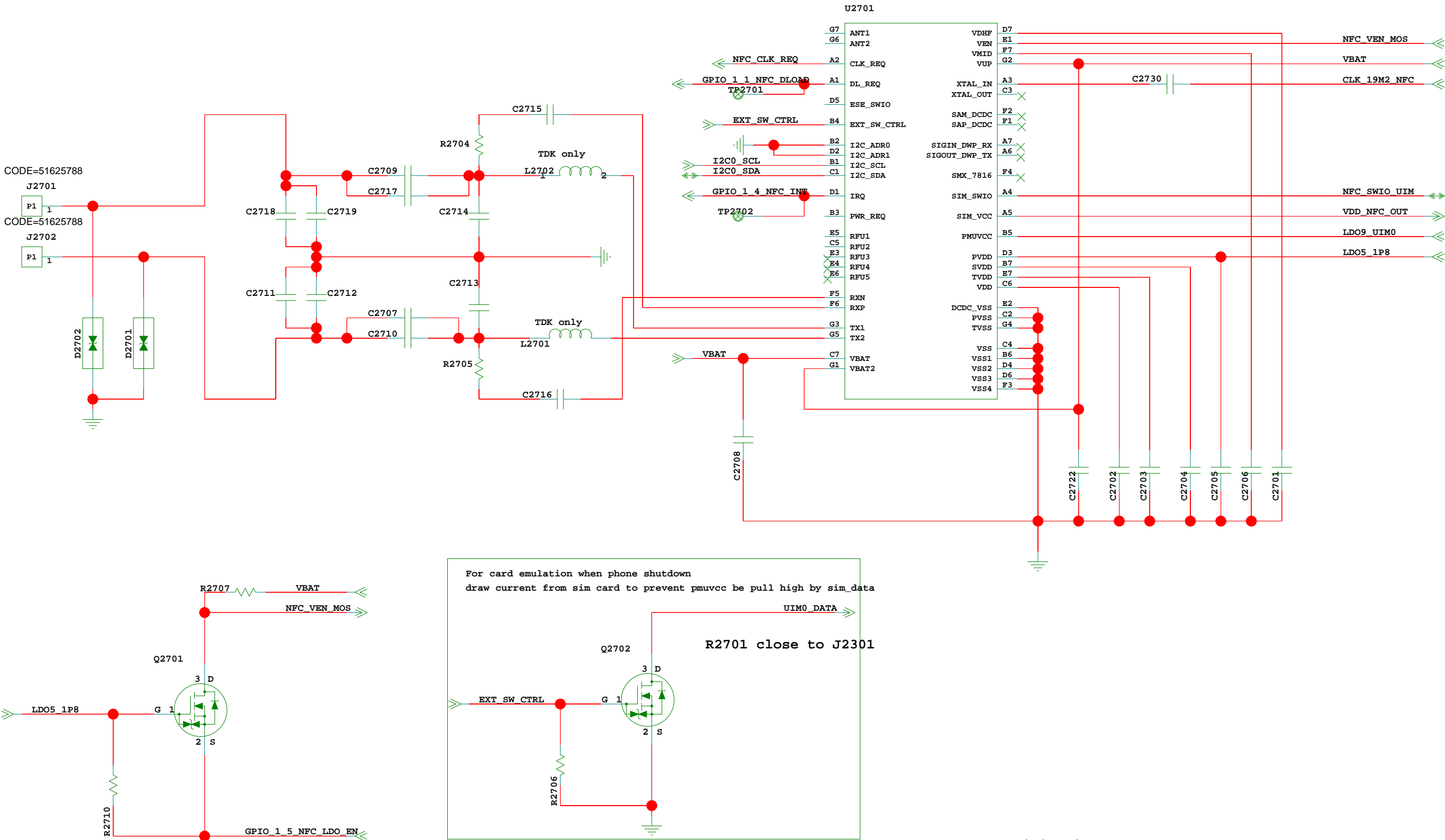


MARK POINT



The type and specification of the components refer to the BOM					
					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	26-Test Point
		F	03023ARE	HUAWEI TECH CO.,LTD.	

27.NFC_NXP



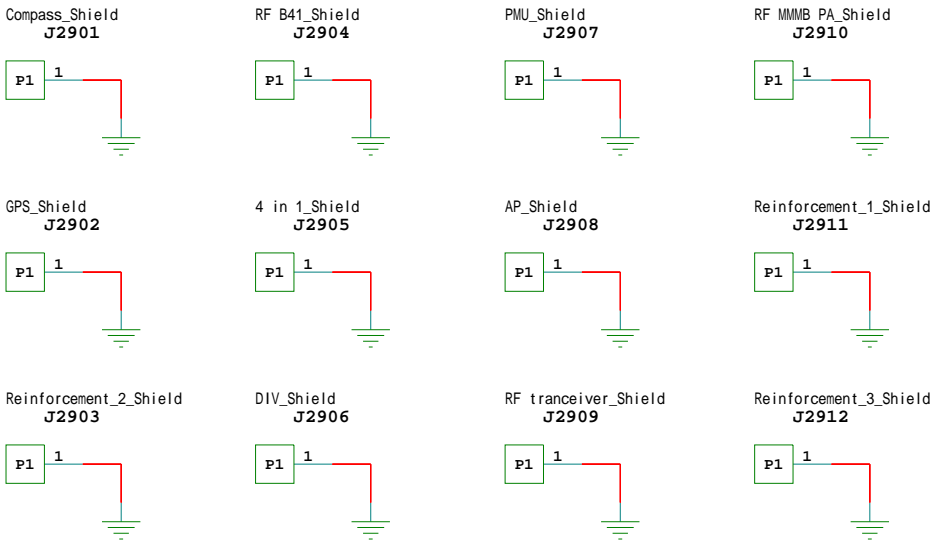
The type and specification of the components refer to the BOM					
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 27-NFC_NXP	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

28.Reserved

The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	28-Reserved
		F	03023ARE	HUAWEI TECH CO.,LTD.	

29. Shield



The type and specification of the components refer to the BOM

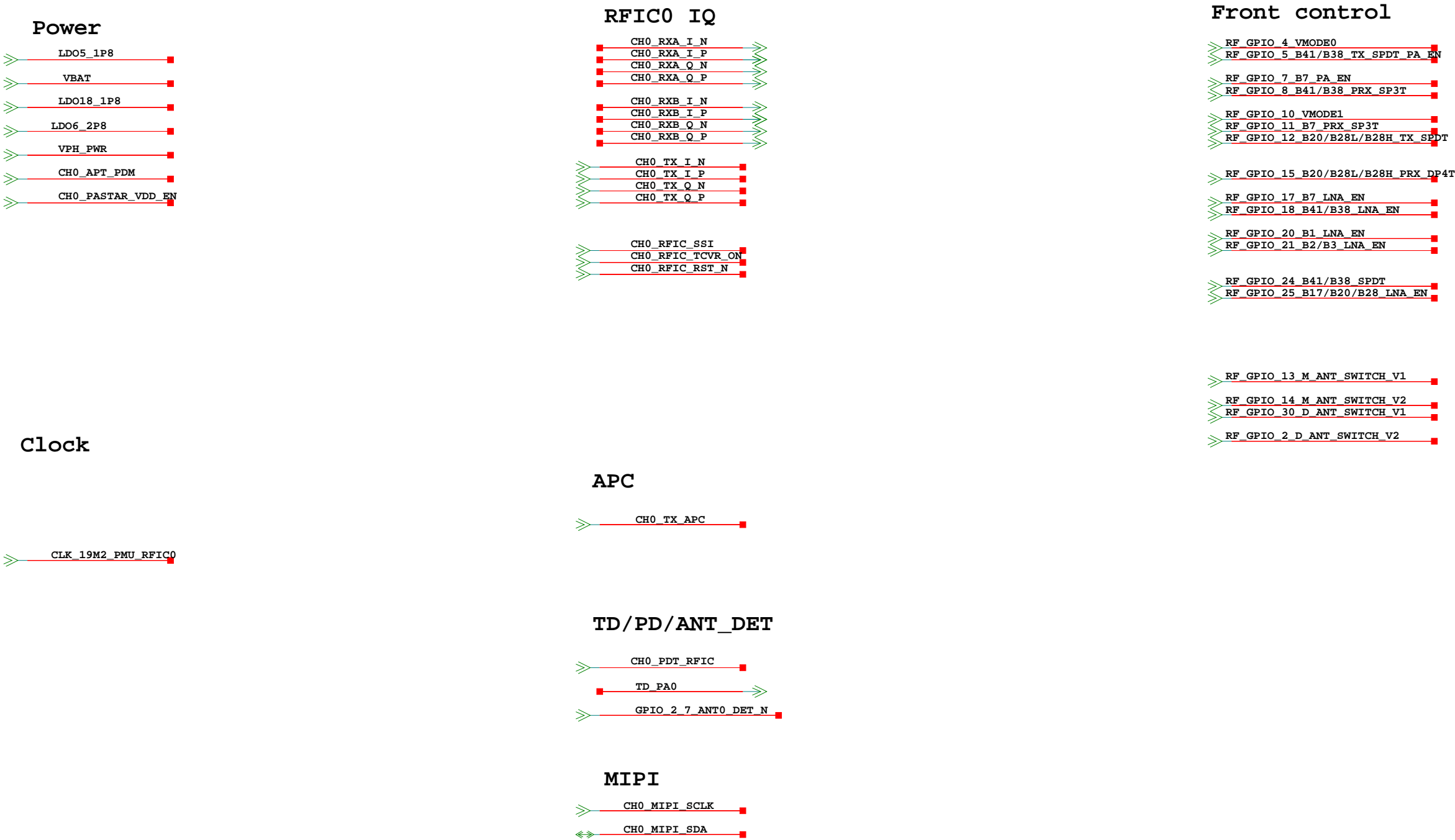
				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	29-Shield 69
		F	03023ARE	HUAWEI TECH CO.,LTD.	

	1	2	3	4	5	6
A	30. RESERVED					
B						
C						
D						
	1	2	3	4	5	6

The type and specification of the components refer to the BOM

					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	30-Reserved
		F	03023ARE	HUAWEI TECH CO.,LTD.	

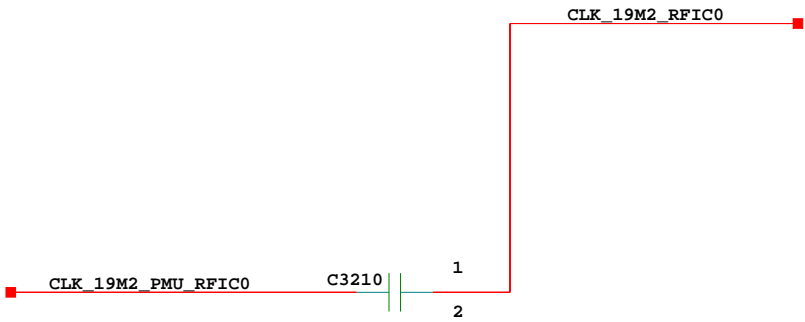
31.RF Interface



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	31-RFInt69face
		F	03023ARE	HUAWEI TECH CO.,LTD.	

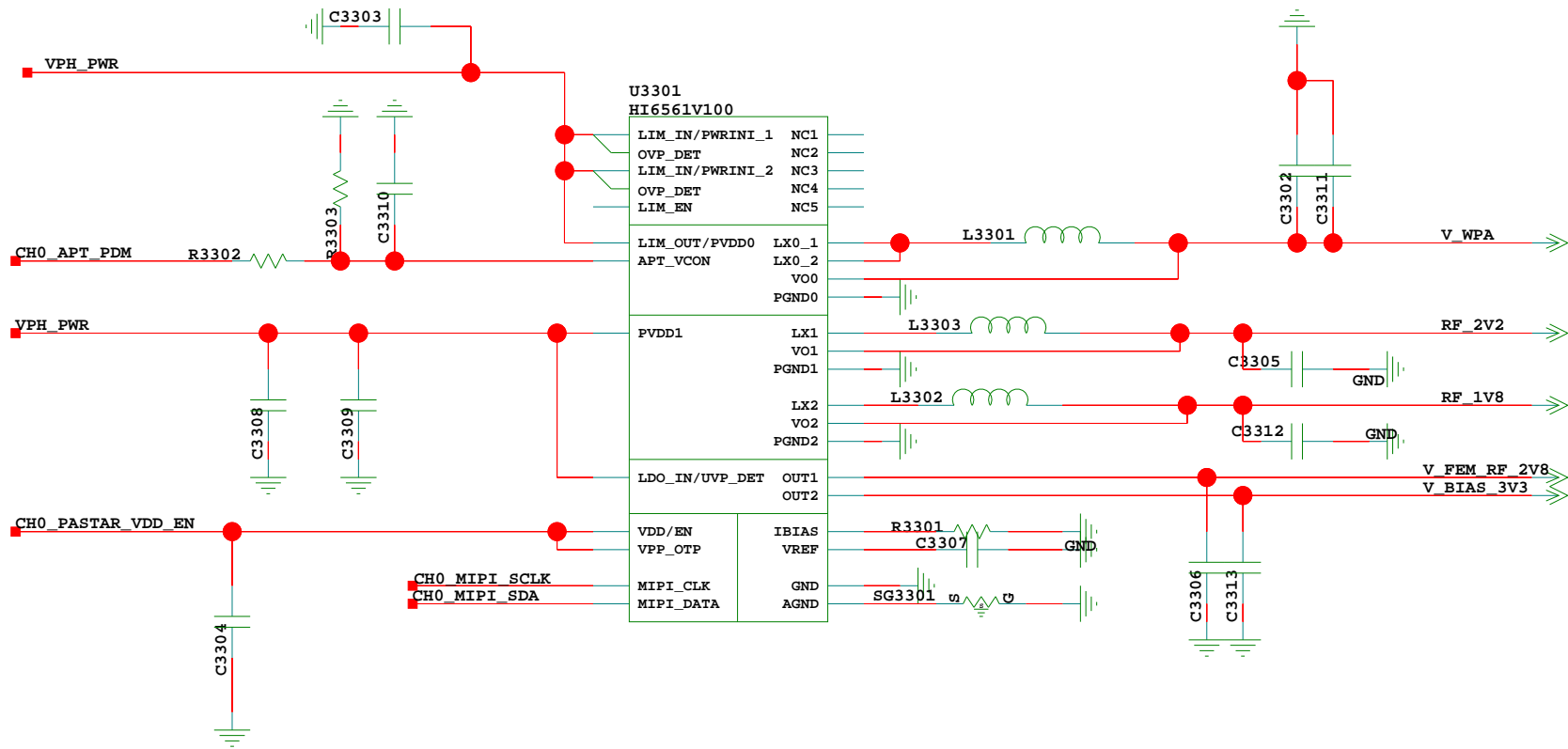
32.TCXO



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	32-TCXO 69
		F	03023ARE	HUAWEI TECH CO.,LTD.	

33-RF PMU



The type and specification of the components refer to the BOM				
				27-03-2015_09:04
				2015.02.08
			ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH
REVIEWED	QIUHONGBING 00248133			
		VER	PART_NUMBER	SHEET 33-RFPMU69
		F	03023ARE	HUAWEI TECH CO.,LTD.

34.RF Tranceiver 0

A

B

C

D

close to soc

U3401

HI6361V100B20

MISC Interface 1 of 2

U3401

HI6361V100B20

GND Interface 2 of 2

The type and specification of the components refer to the BOM

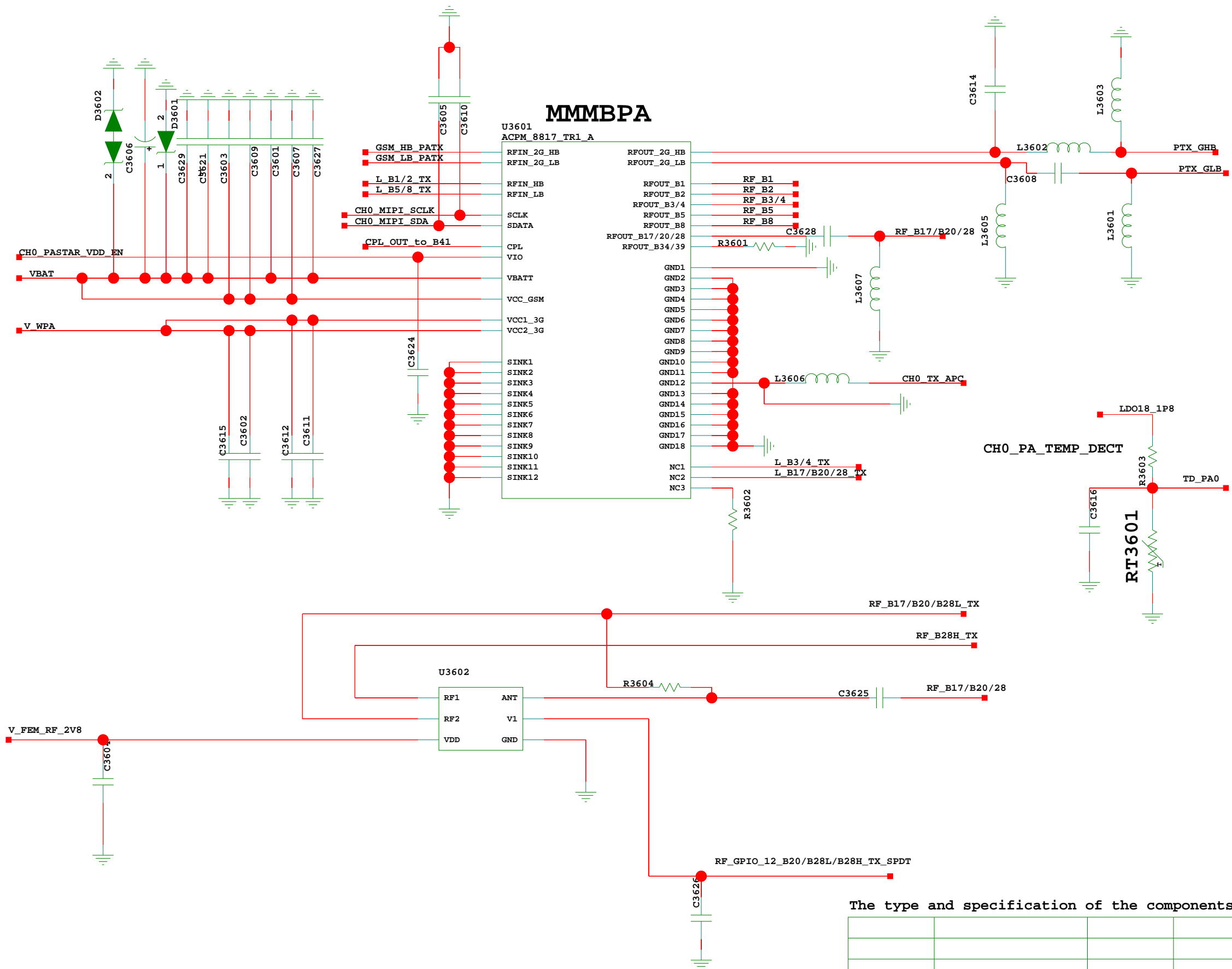
				27-03-2015_09:04
				2015.02.08
			ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH
REVIEWED	QIUHONGBING 00248133			
		VER	PART_NUMBER	SHEET 34-RFTranceiver 0
		F	03023ARE	HUAWEI TECH CO.,LTD.

35-Reserved

The type and specification of the components refer to the BOM

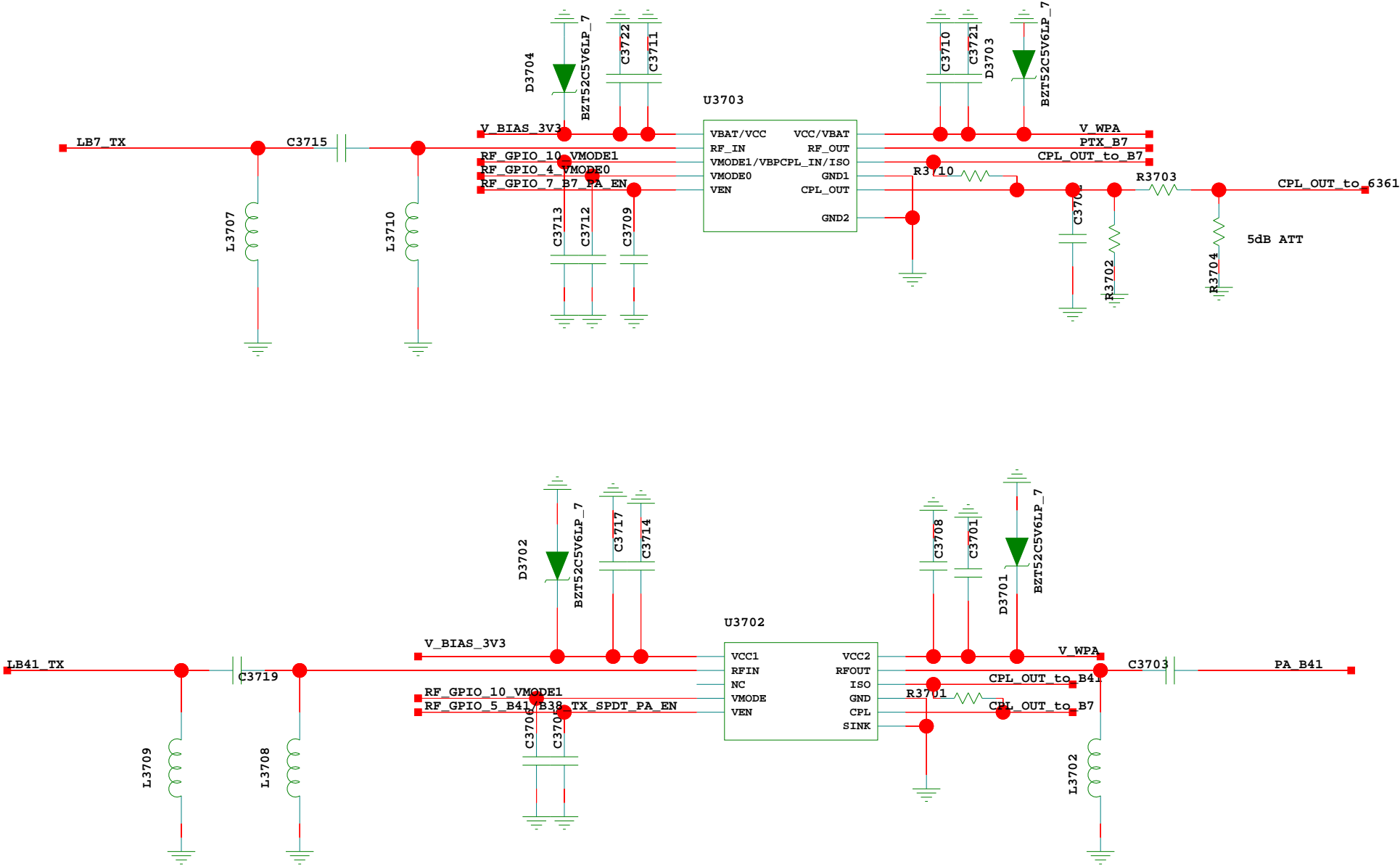
					17-03-2015_09:06
					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	35-TRF B109B28
		F	03023ARE	HUAWEI TECH CO.,LTD.	

36-RF Front End MMBBPA



The type and specification of the components refer to the BOM				27-03-2015_09:04
				2015.02.08
				ECA NO DATE
DESIGNED	HL3ALICEM			03023ARE_SCHZH
REVIEWED	QIUHONGBING 00248133			
	VER	PART_NUMBER	SHEET 36-RF Front End MMBBPA	
	F	03023ARE	HUAWEI TECH CO.,LTD.	

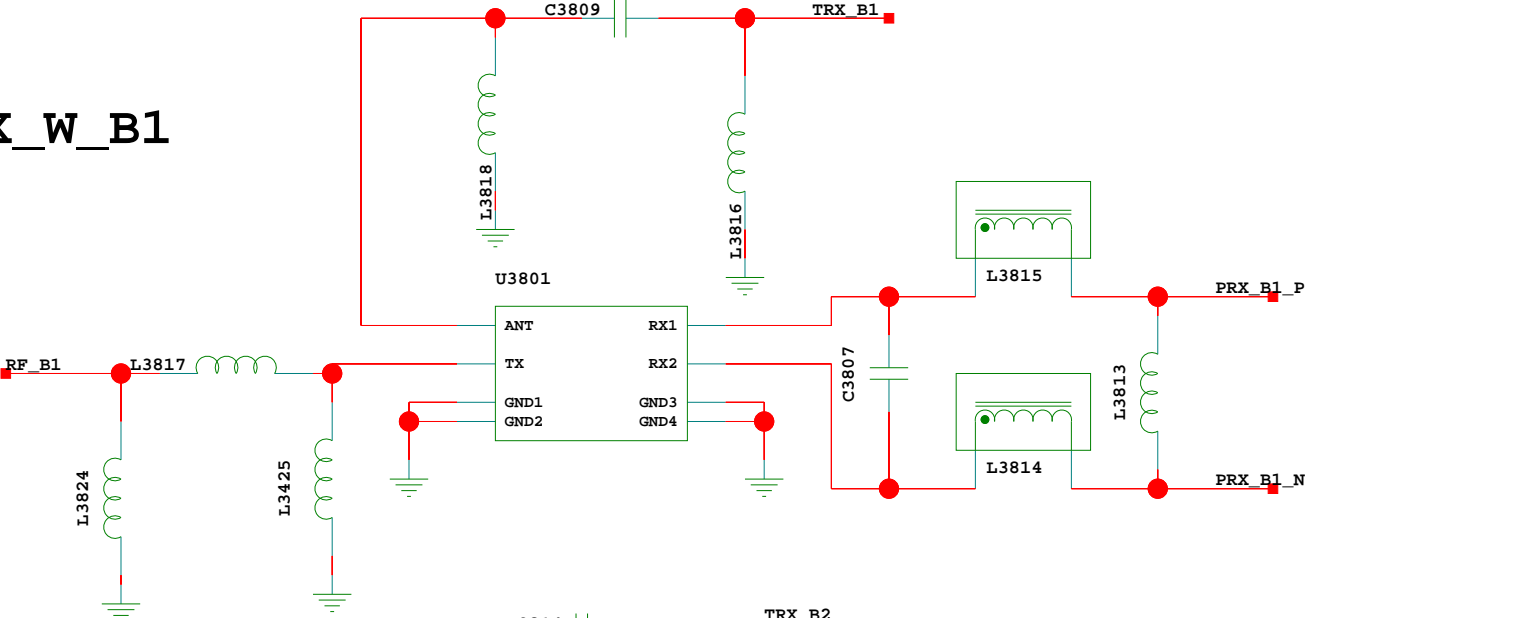
37-RF Front End B7/B41 PA



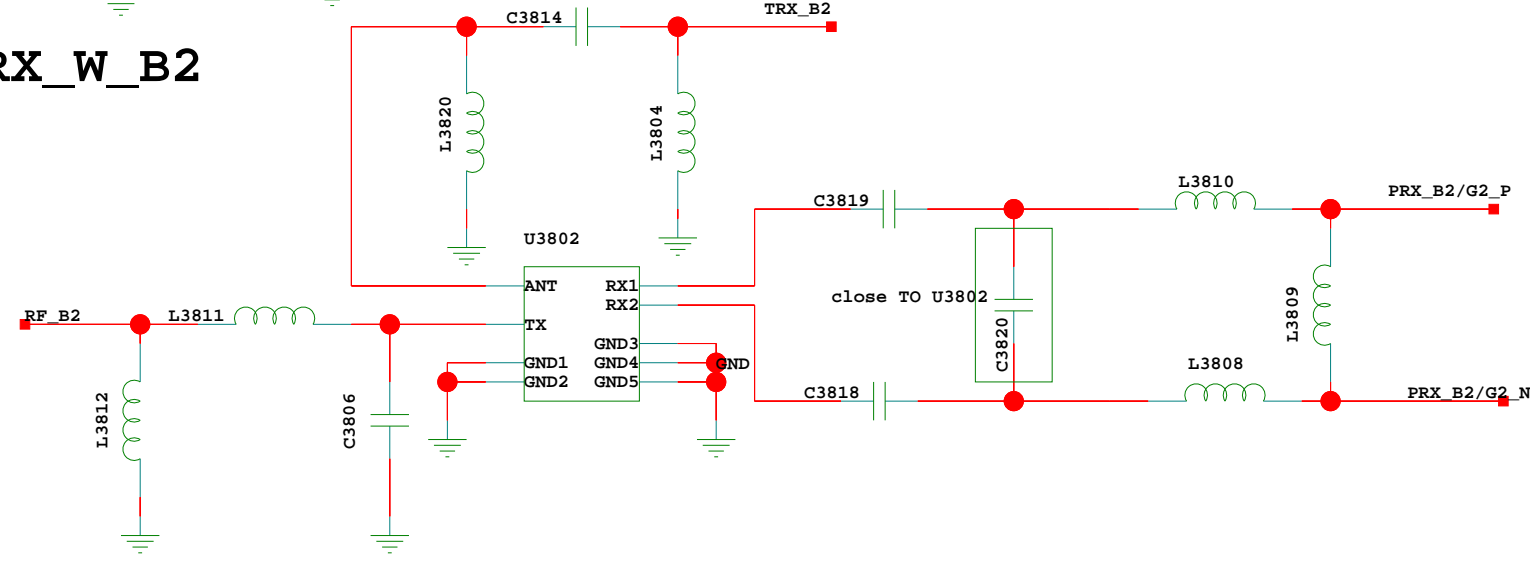
The type and specification of the components refer to the BOM				
				27-03-2015_09:04
				2015.02.08
			ECA NO	DATE
DESIGNED		HL3ALICEM		
REVIEWED	QIUHONGBING 0043023ARE	SCHZH		
		VER	PART_NUMBER	37-RF Front End B7/41 69
		F		HUAWEI TECH CO.,LTD.
	03023ARE			

38-TRX B1/2/3

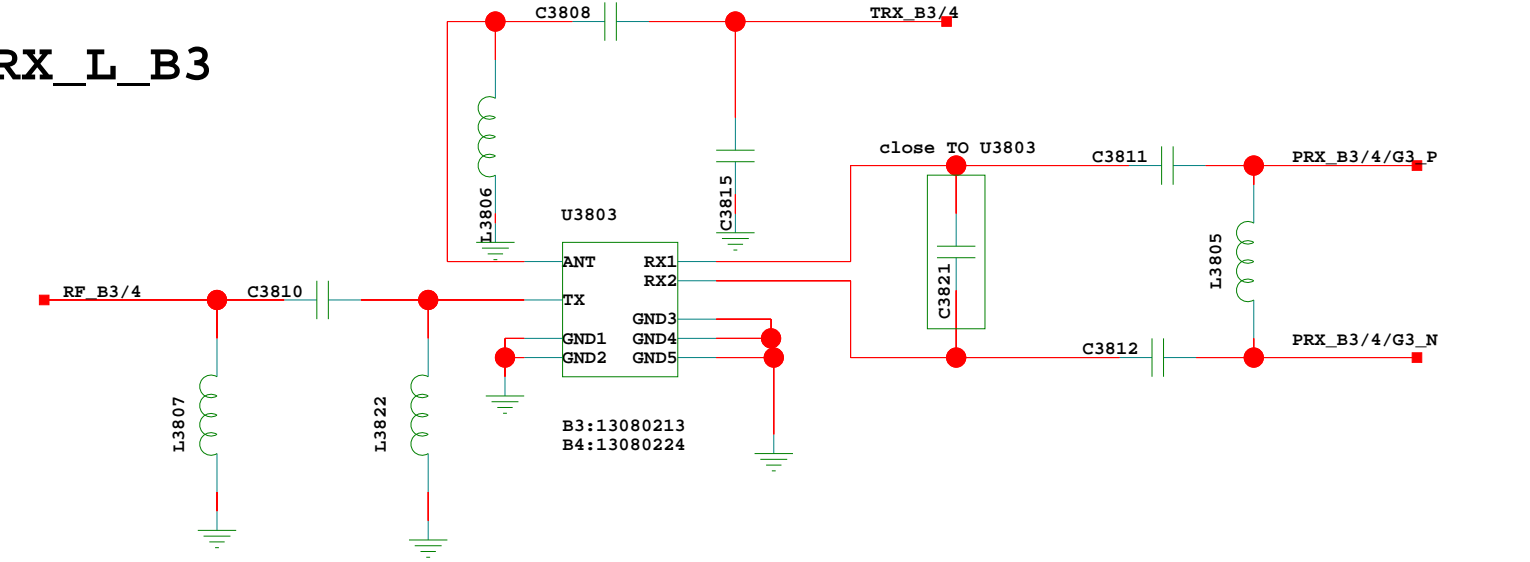
RX_W_B1



RX_W_B2



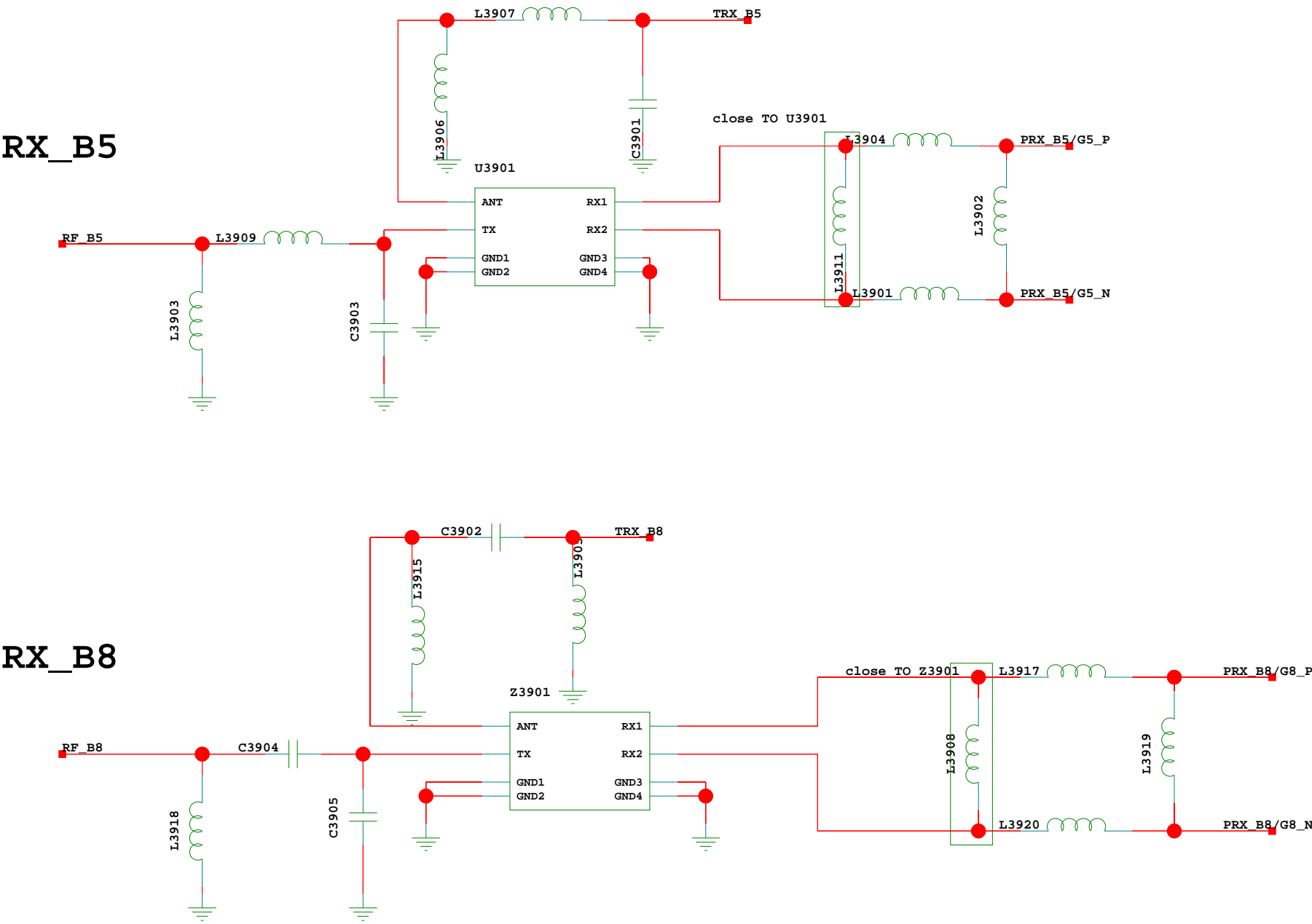
RX_L_B3



B3:13080213
B4:13080224

The type and specification of the components refer to the BOM				
				27-03-2015_09:04
				2015.02.08
			ECA NO	DATE
DESIGNED		HL3ALICEM		03023ARE_SCHZH
REVIEWED	QIUHONGBING 00248133			
		VER	PART_NUMBER	SHEET 38-TRX B1/2/3
		F	03023ARE	HUAWEI TECH CO.,LTD.

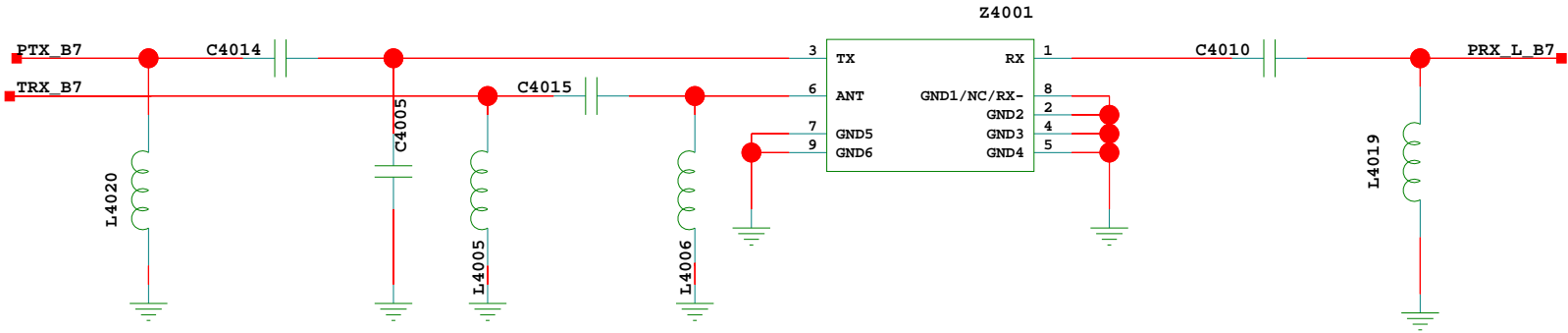
39-TRX B5/8



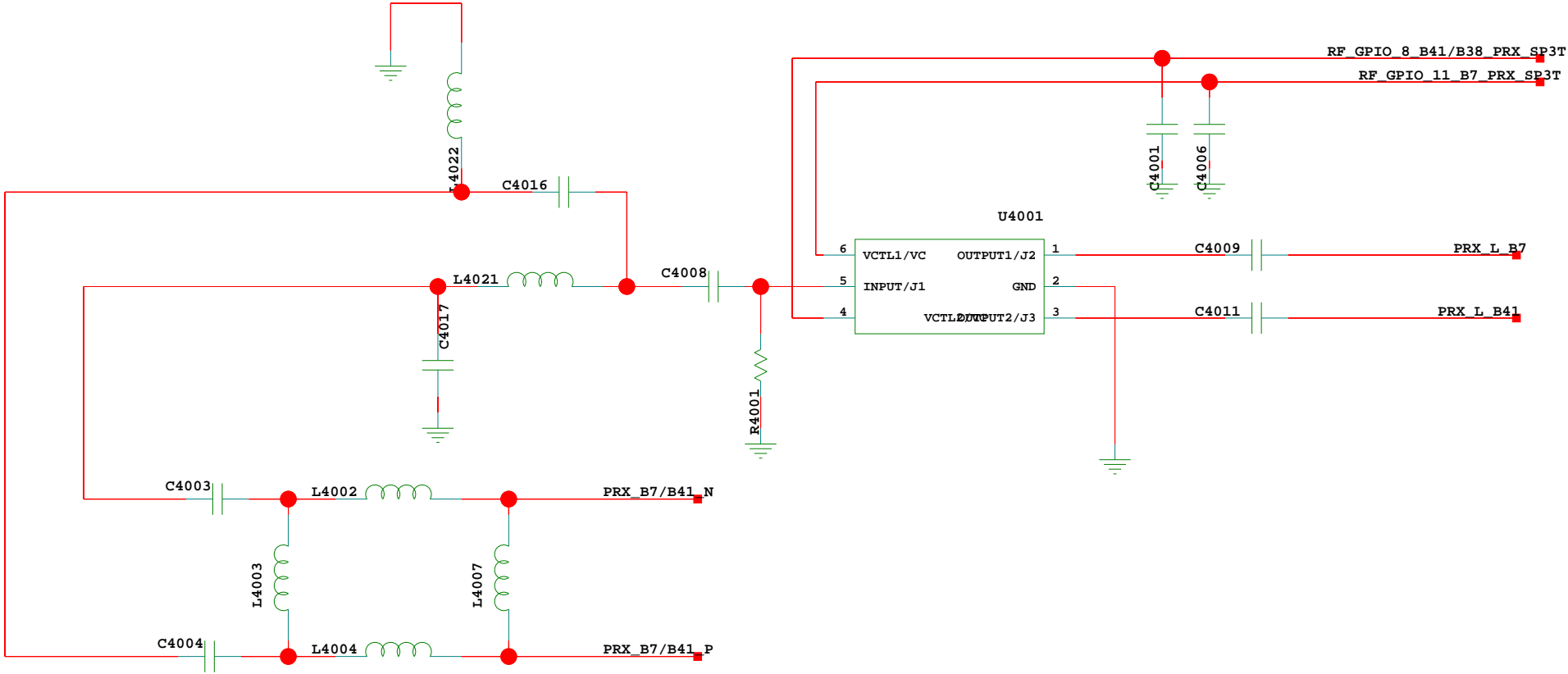
The type and specification of the components refer to the BOM					
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 39-TRX B5/8	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

40-TRX B7/41

PRX_B7



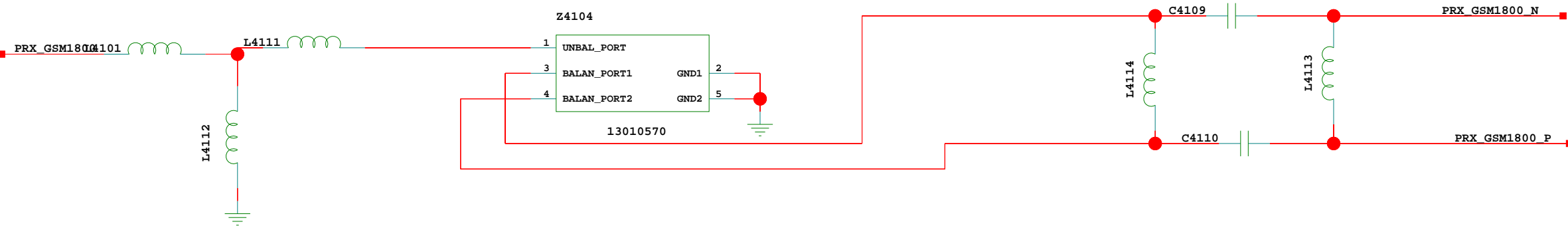
PRX_B7/B41



The type and specification of the components refer to the BOM				
				27-03-2015_09:04
				2015.02.08
			ECA NO	DATE
DESIGNED		HL3ALICEM		03023ARE_SCHZH
REVIEWED	QIUHONGBING 00248133			
		VER	PART_NUMBER	SHEET 40-TRX B7/41
		F	03023ARE	HUAWEI TECH CO.,LTD.

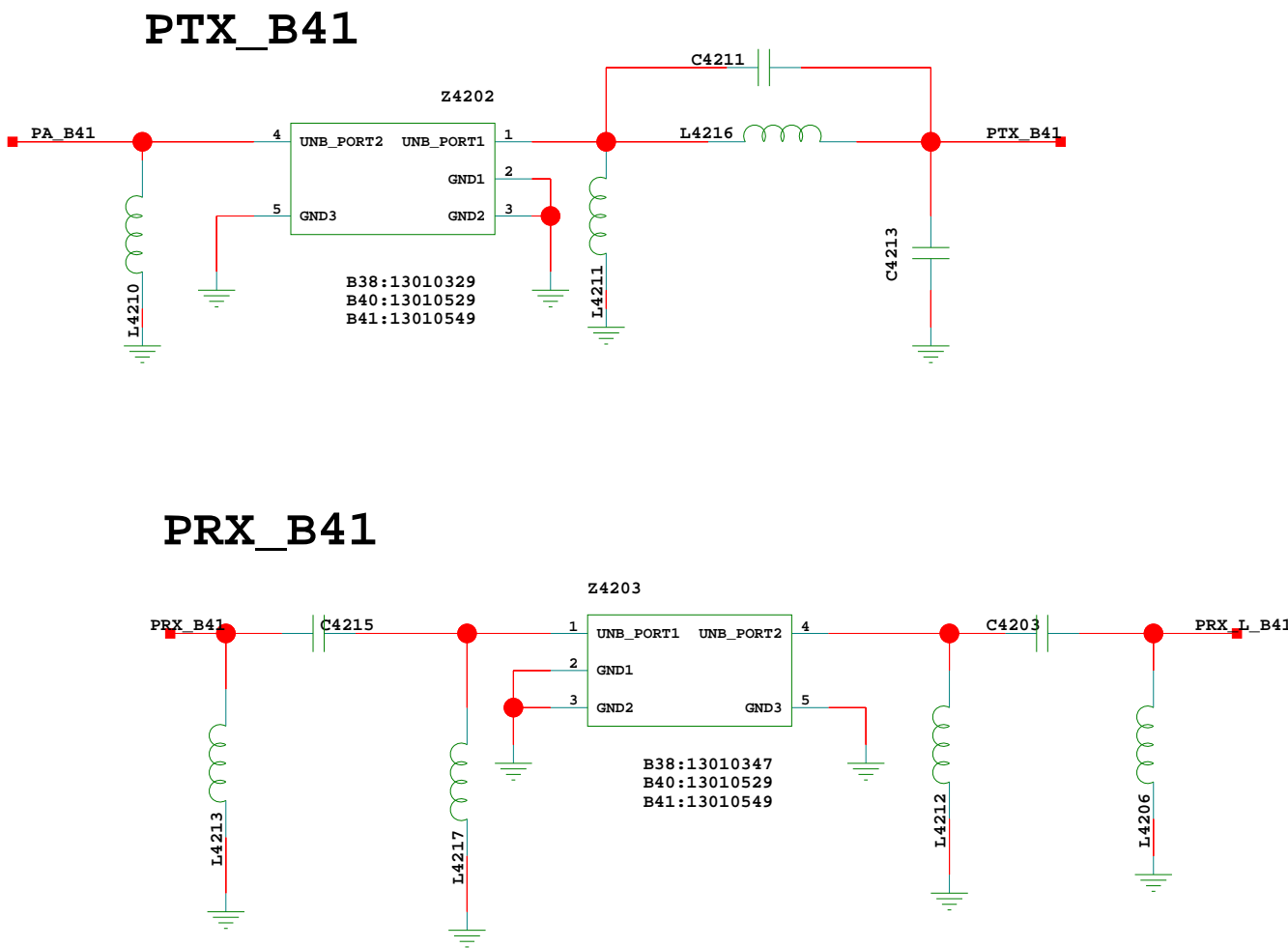
41-PRX_GSM1800

GSM1800 RX



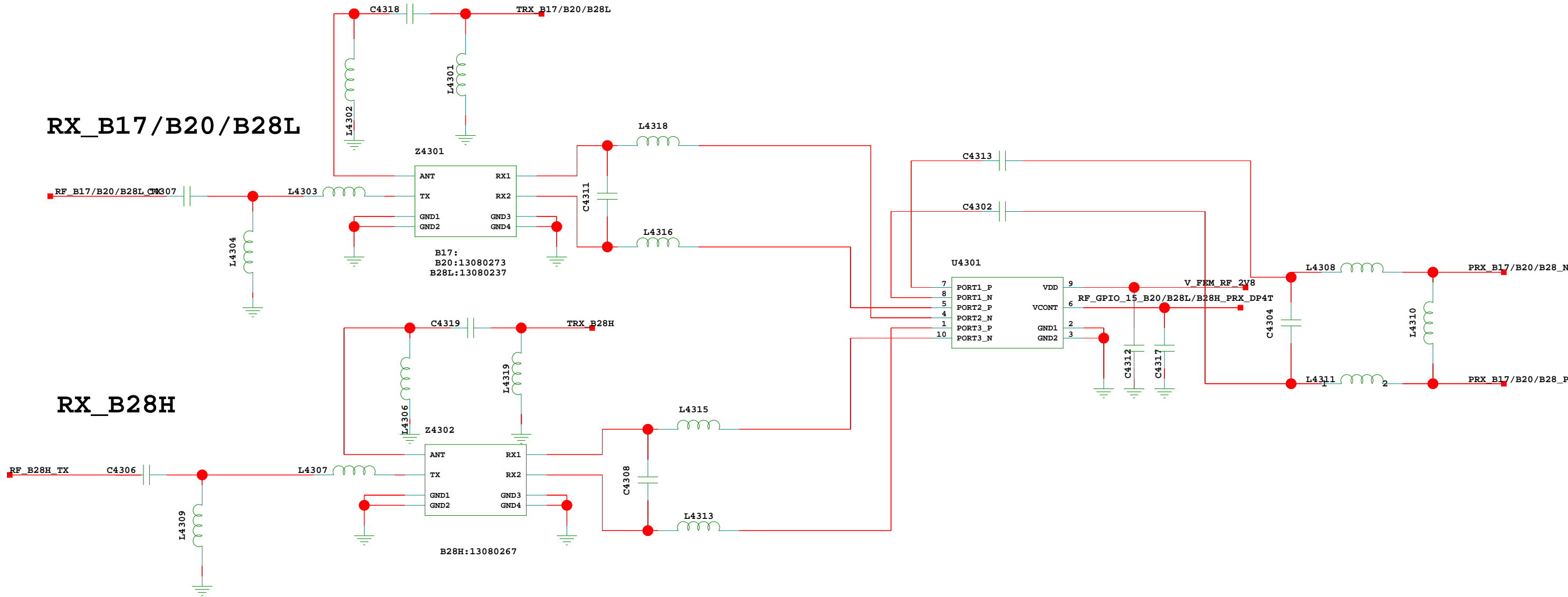
The type and specification of the components refer to the BOM

					27-03-2015_09:04
					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	41-PRX_GSM1800
		F	03023ARE	HUAWEI TECH CO.,LTD.	



The type and specification of the components refer to the BOM					
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	42-TRX B41
		F	03023ARE	HUAWEI TECH CO.,LTD.	

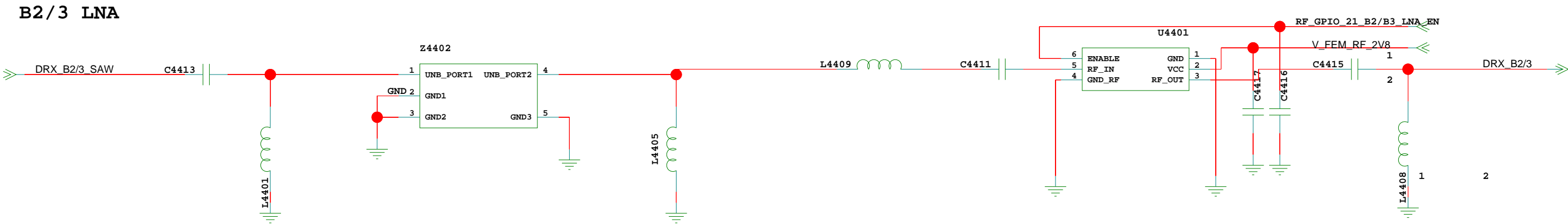
43-TRX B28/20/17



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 43-TRX B17/B20/B28/20	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

44-DRX LNA B2/B3

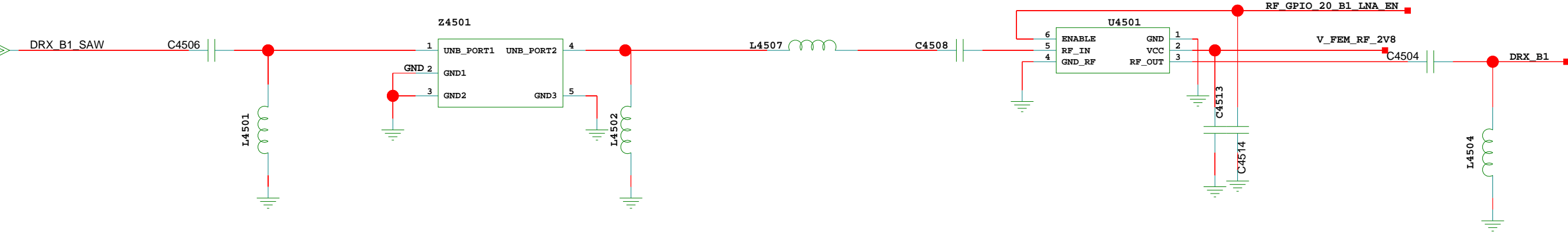


The type and specification of the components refer to the BOM

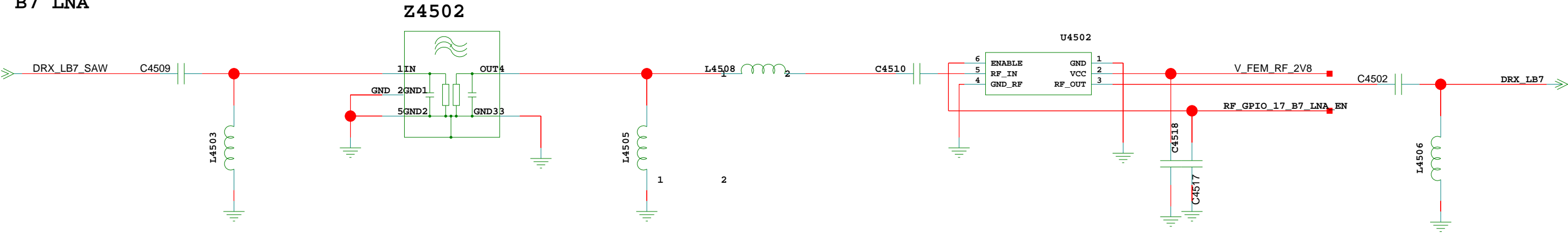
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	44-DRX LNA B2/B3
		F	03023ARE	HUAWEI TECH CO.,LTD.	

45-DRX LNA B7/1

B1 LNA



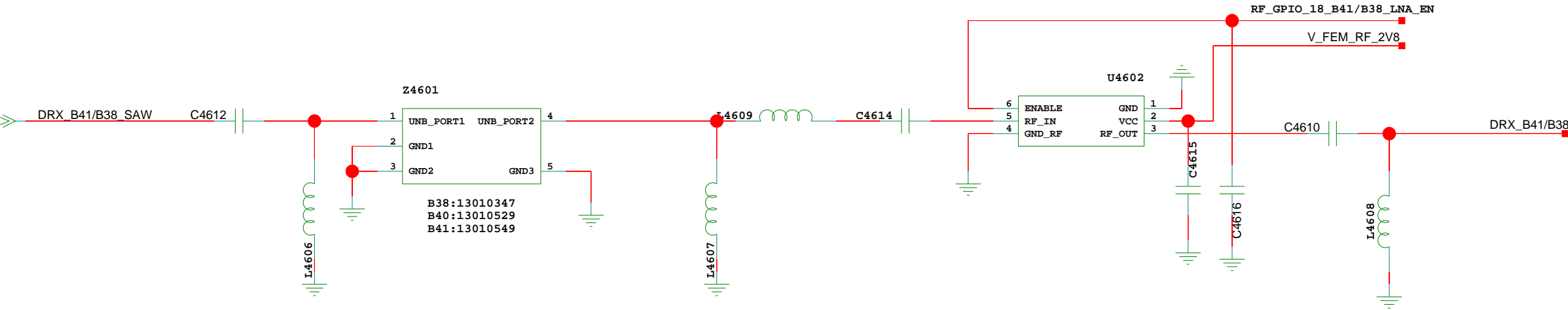
B7 LNA



The type and specification of the components refer to the BOM					
					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 45-DRX LNA B7/1	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

46-DRX LNA B38/B41

B38/B41 LNA

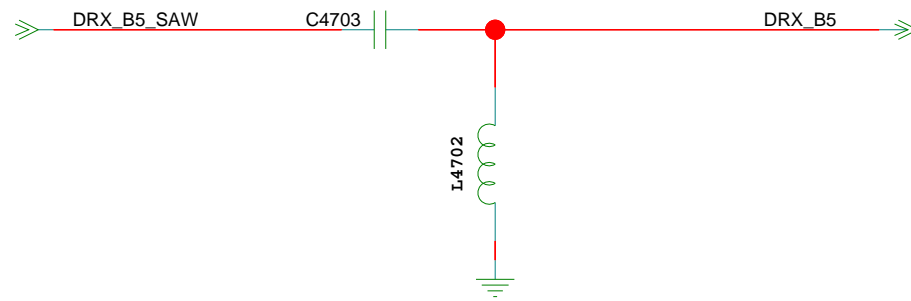


The type and specification of the components refer to the BOM

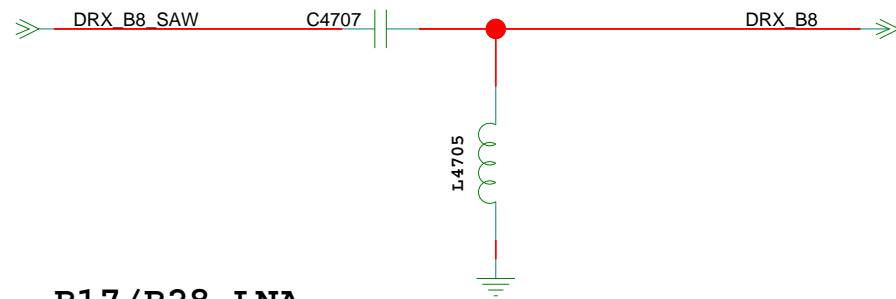
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	46-DRX LNA B38/41
		F	03023ARE	HUAWEI TECH CO.,LTD.	

47-DRX LNA B5/8/17/28

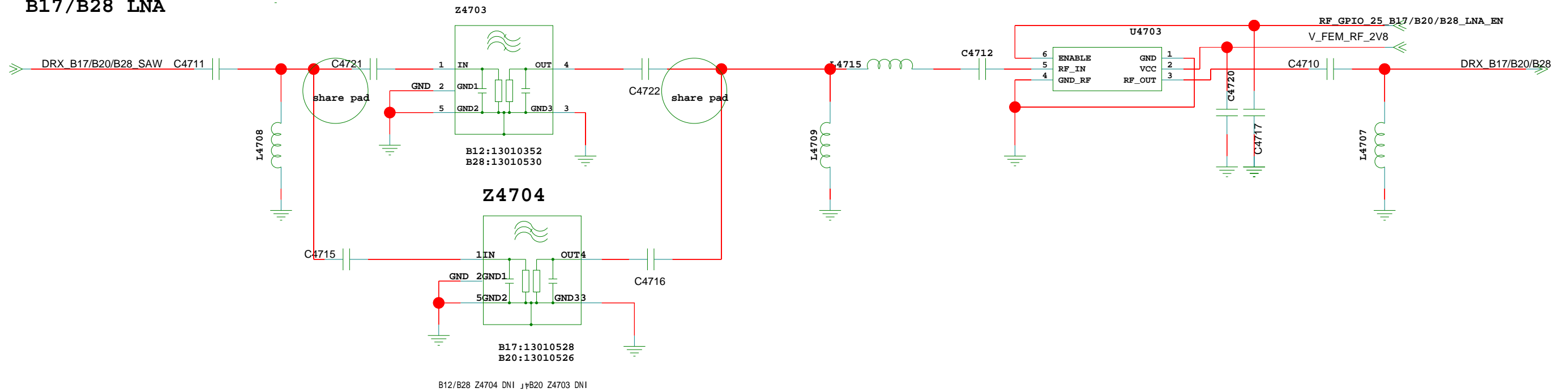
B5 LNA



B8 LNA



B17/B28 LNA

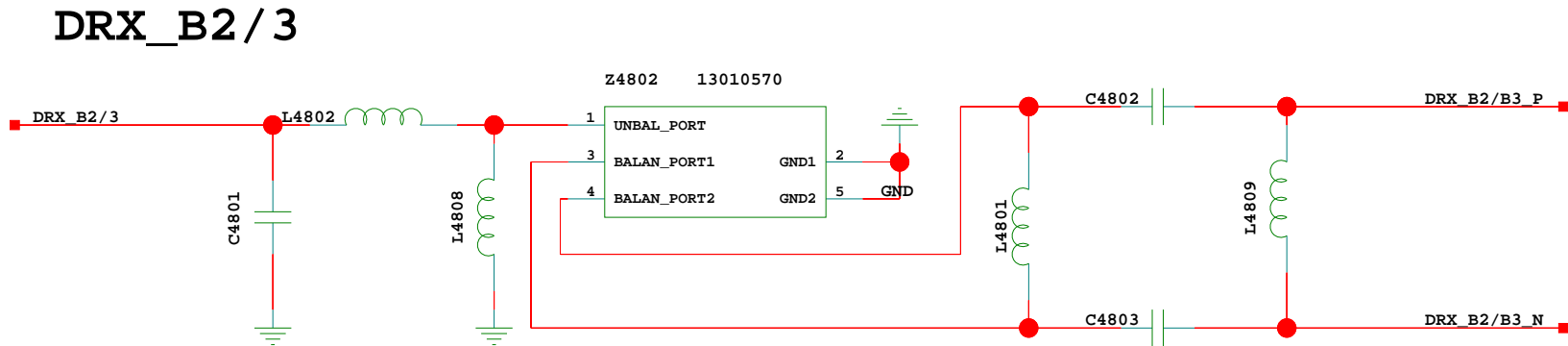


The type and specification of the components refer to the BOM

					27-03-2015_09:04	D
					2015.02.08	
				ECA NO	DATE	
DESIGNED		HL3ALICEM			03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133					
		VER	PART_NUMBER	SHEET	47-DEF LNA9B5/8/17/28	
		F	03023ARE	HUAWEI TECH CO.,LTD.		

SHEET 47-~~DRF~~ LNA9B5/8/17/28

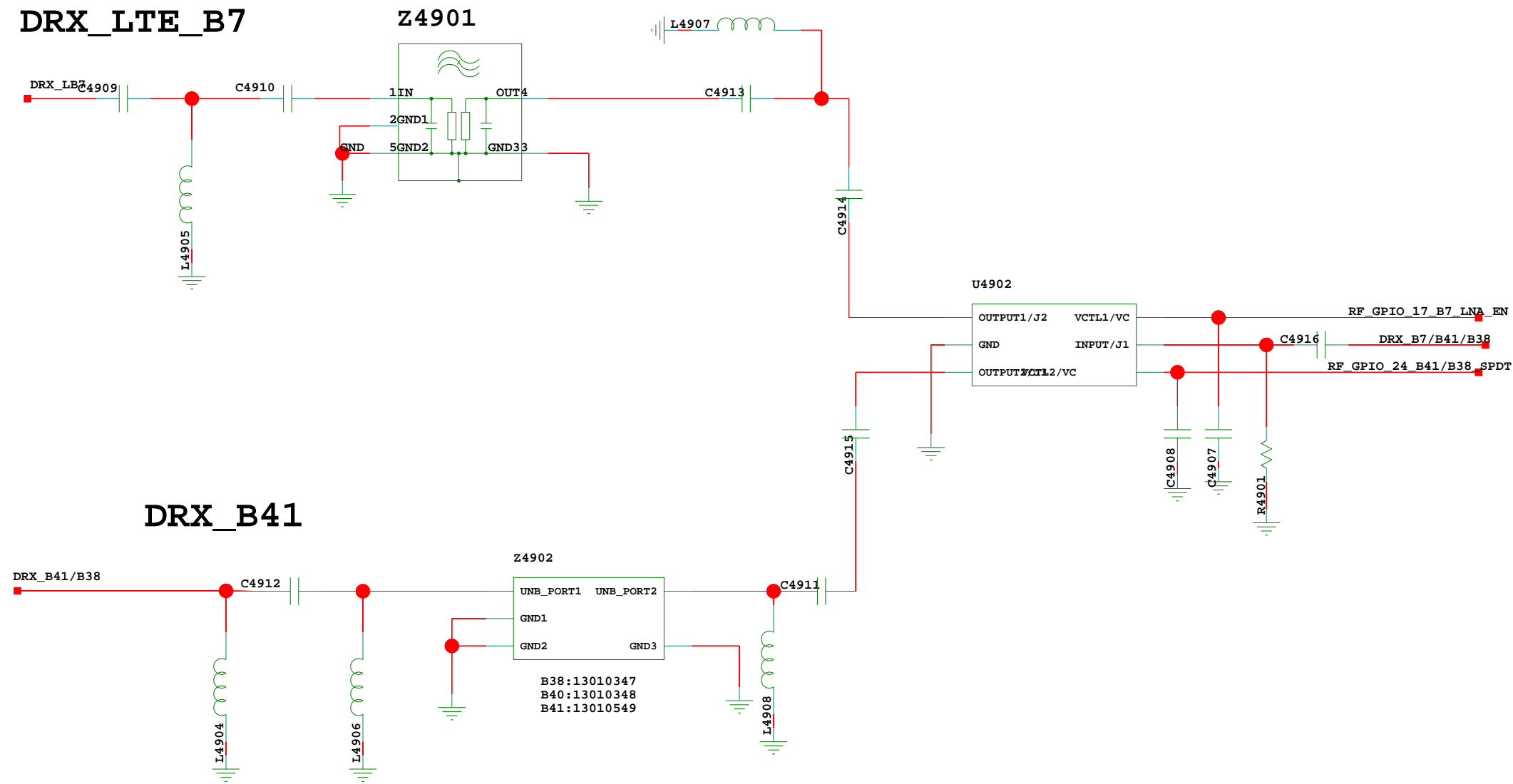
48-DRX B2/3



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08 DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 48-DRX B2/3	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

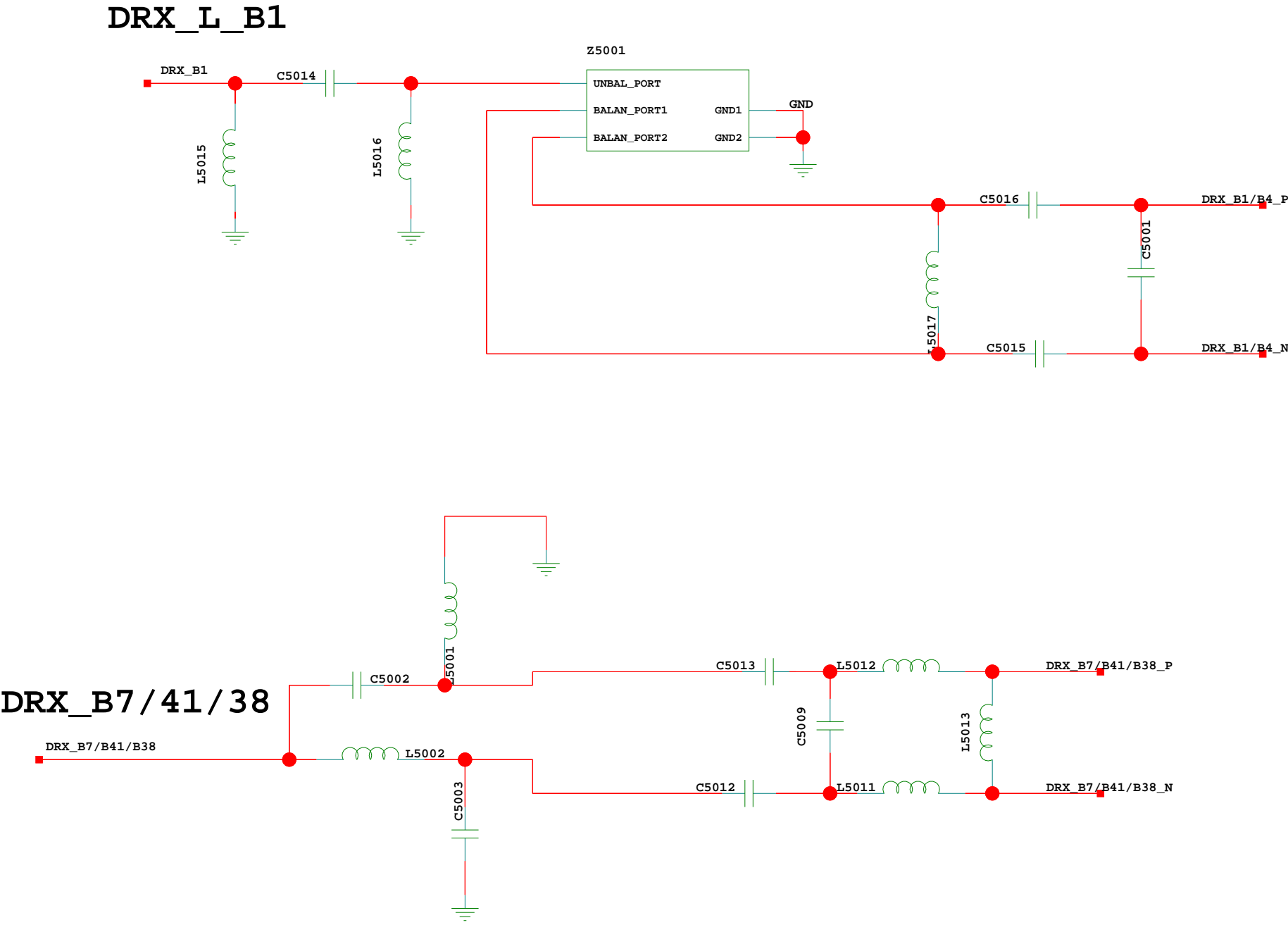
49-DRX B7



The type and specification of the components refer to the BOM

					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	49- DEF B769
		F	03023ARE	HUAWEI TECH CO.,LTD.	

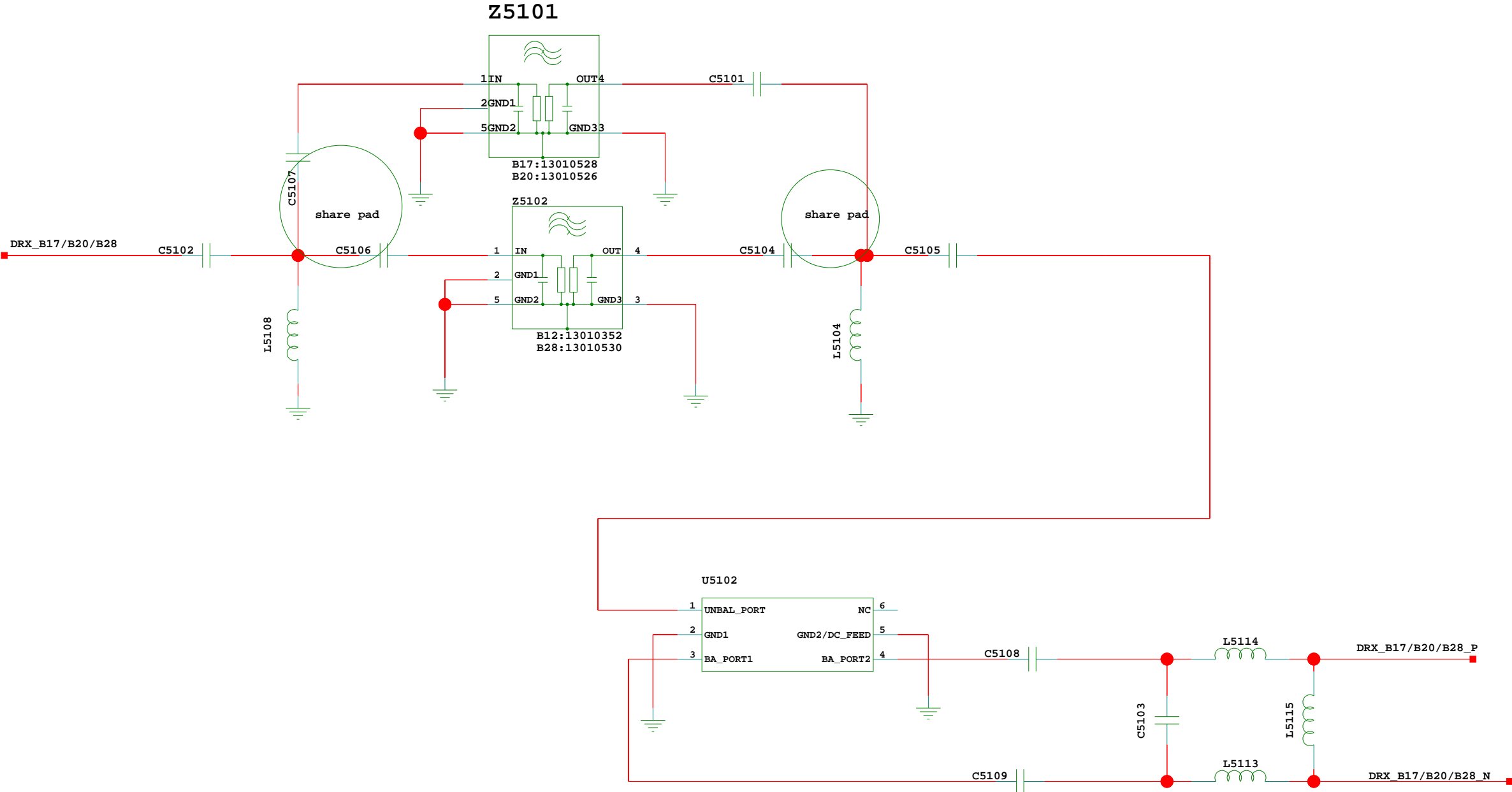
50-DRX 41/7/38



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 50-DRX B41/B38	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

51-DRX B20/28/17



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	51-DRX B20/28/17
		F	03023ARE	HUAWEI TECH CO.,LTD.	

CD

53-Reserved

The type and specification of the components refer to the BOM

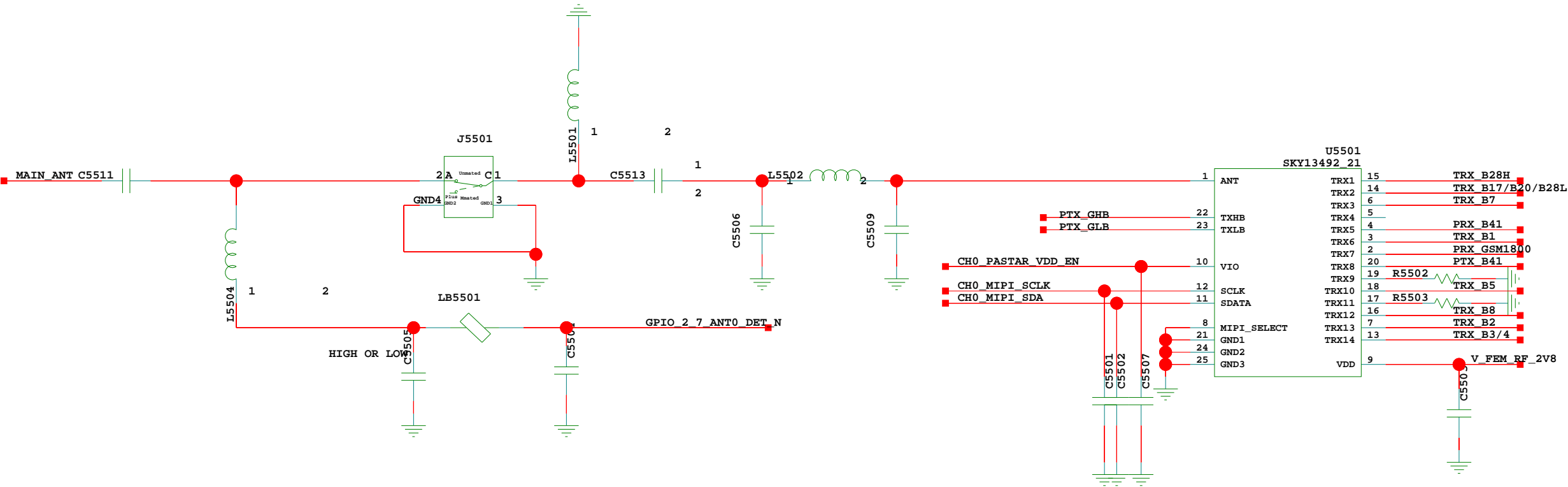
				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	53-Reserved
		F	03023ARE	HUAWEI TECH CO.,LTD.	

54-Reserved

The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	54-Reserved
		F	03023ARE	HUAWEI TECH CO.,LTD.	

55-RF Front End Main Ant Switch

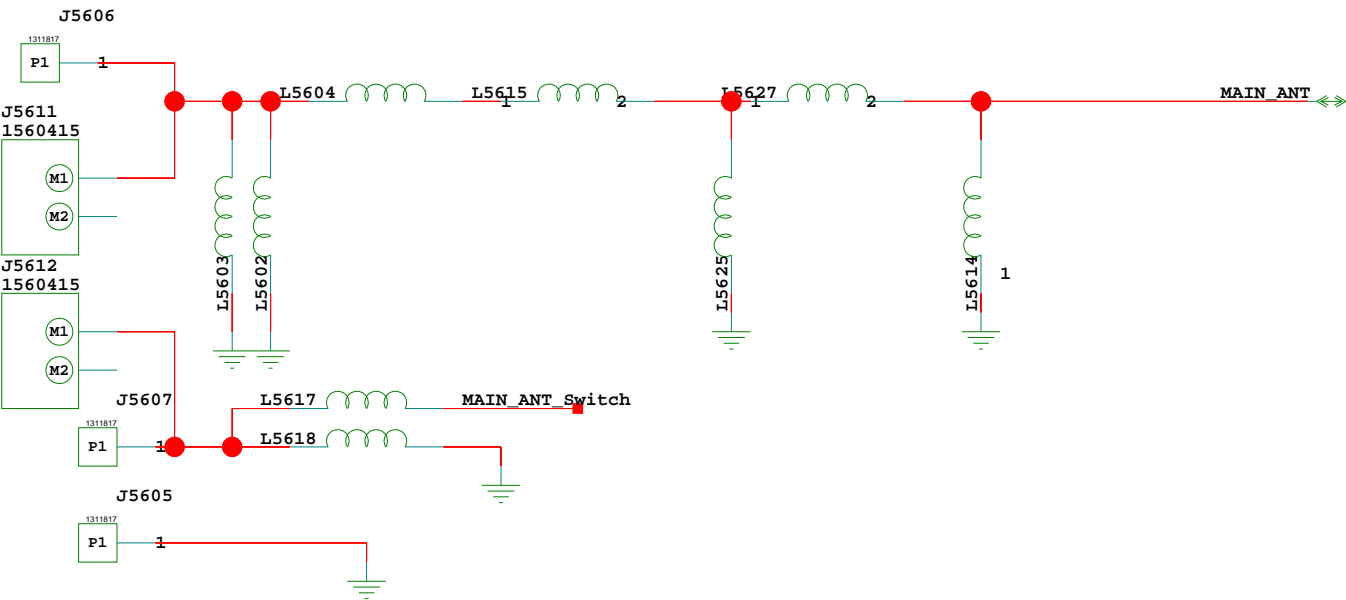


The type and specification of the components refer to the BOM

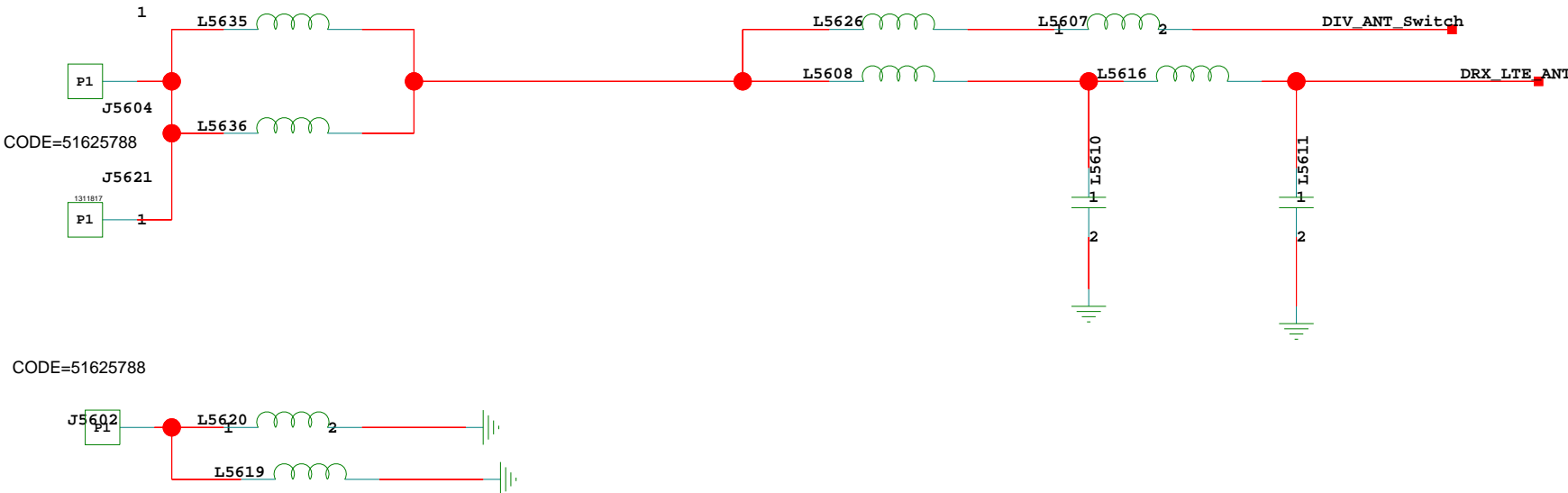
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 55-Main Ant Switch	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

56-RF Front End ANT Matching

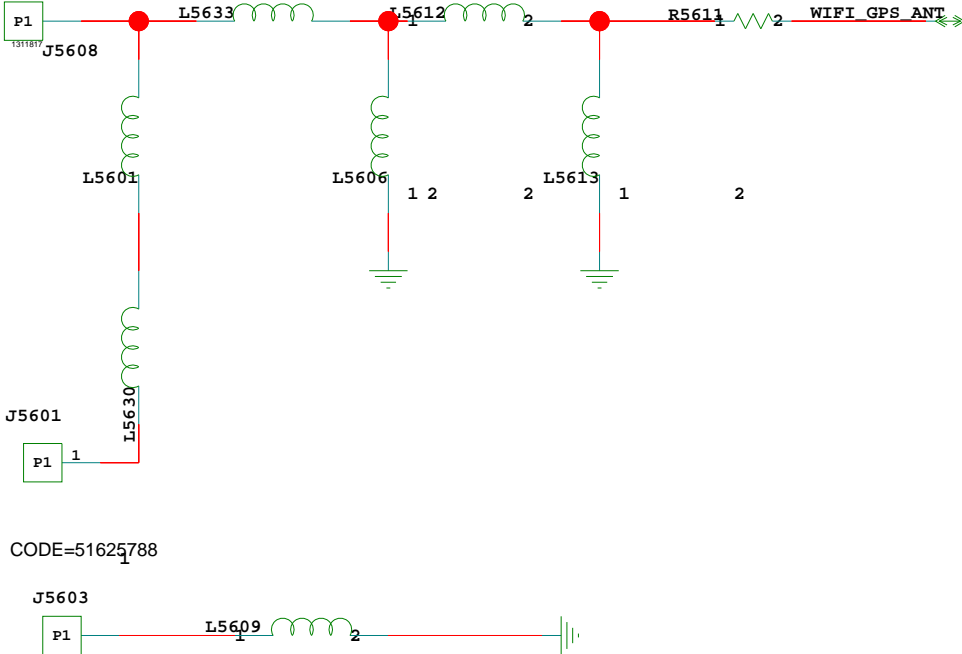
Main ANT



DIV ANT2



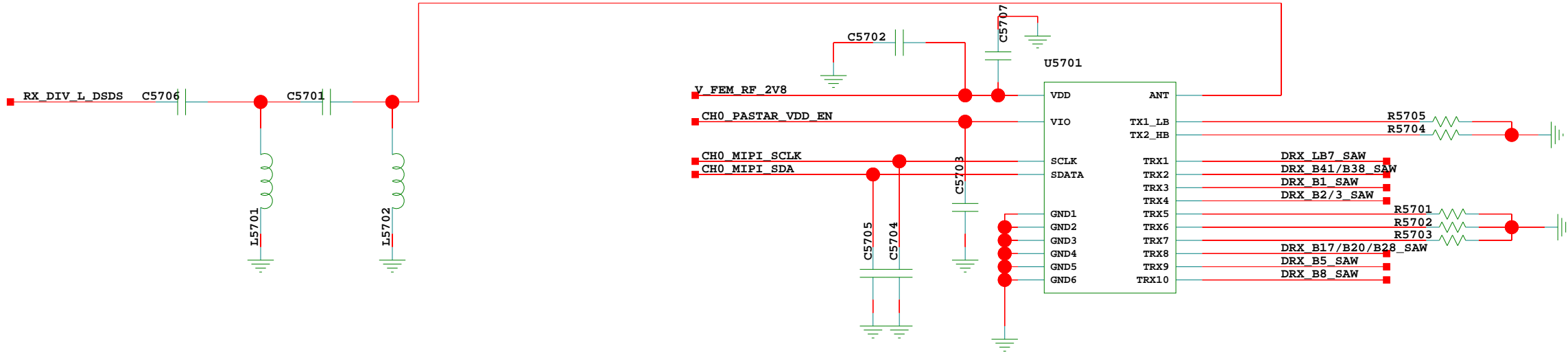
WIFI/GPS ANT



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	56-ANT Matching
		F	03023ARE	HUAWEI TECH CO.,LTD.	

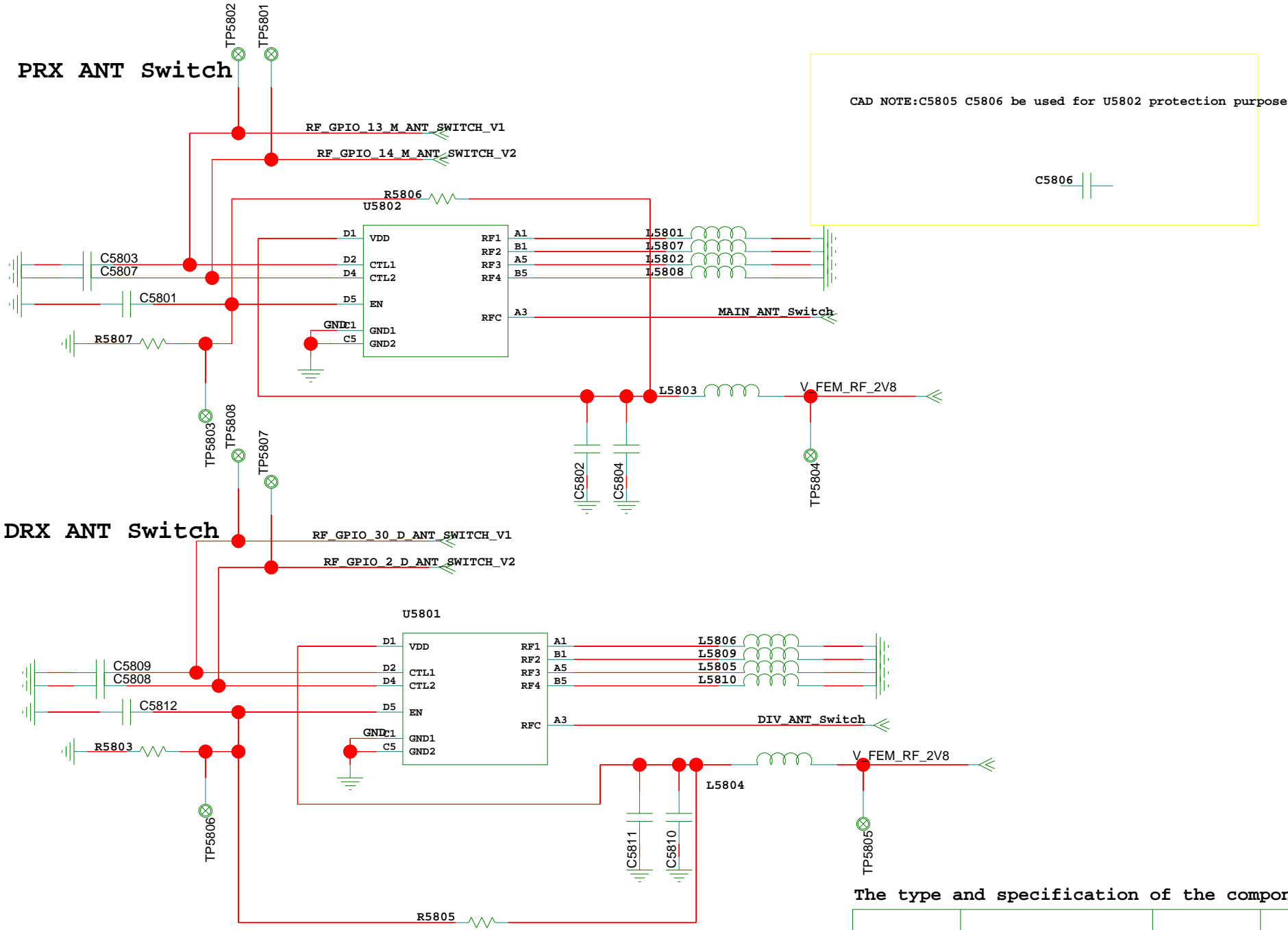
57-RF Front End Div Ant Switch



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 57-DRF An69Switch	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

58-RF Front End Ant Tunner



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 58-Ant Tunner	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

59-Reserved

The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	59-Reserved
		F	03023ARE	HUAWEI TECH CO.,LTD.	

60-Reserved

The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	60-Reserved
		F	03023ARE	HUAWEI TECH CO.,LTD.	

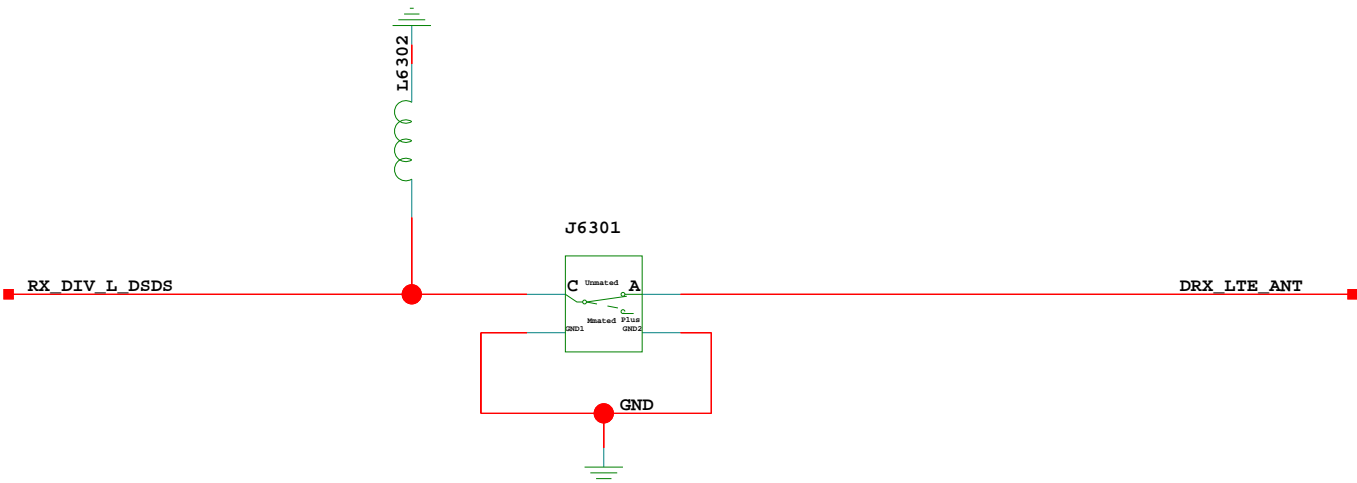
61-Reserved

The type and specification of the components refer to the BOM

					2015.02.08
				ECA NO	DATE
DESIGNED		03023ARE_SCHZH			
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	61-Reserved
		F	03023ARE	HUAWEI TECH CO.,LTD.	

	1	2	3	4	5	6
A	62-Reserved					
B						
C						
D				The type and specification of the components refer to the BOM		
					ECA NO	2015.02.08
						DATE
	DESIGNED	LIMIN 00128692	HL3ALICEM			03023ARE_SCHZH
	REVIEWED	QIUHONGBING 00248133				
			VER	PART_NUMBER	SHEET 62-Reserved	
			F	03023ARE	HUAWEI TECH CO.,LTD.	
	1	2	3	4	5	6

63-RF Front End Div Ant Switch

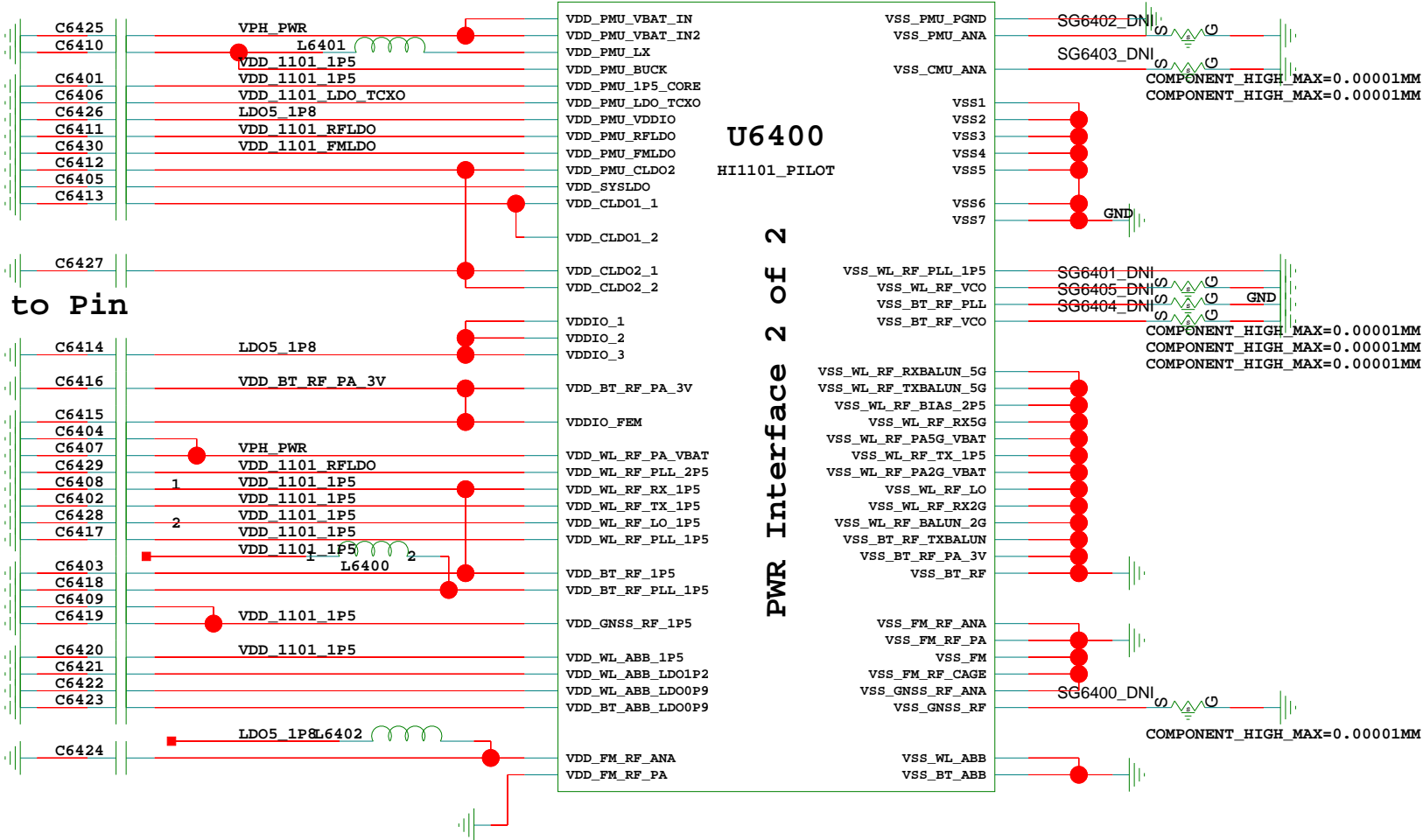


The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	63-DR Ant69Switch
		F	03023ARE	HUAWEI TECH CO.,LTD.	

64.BT/WLAN/FM/GPS

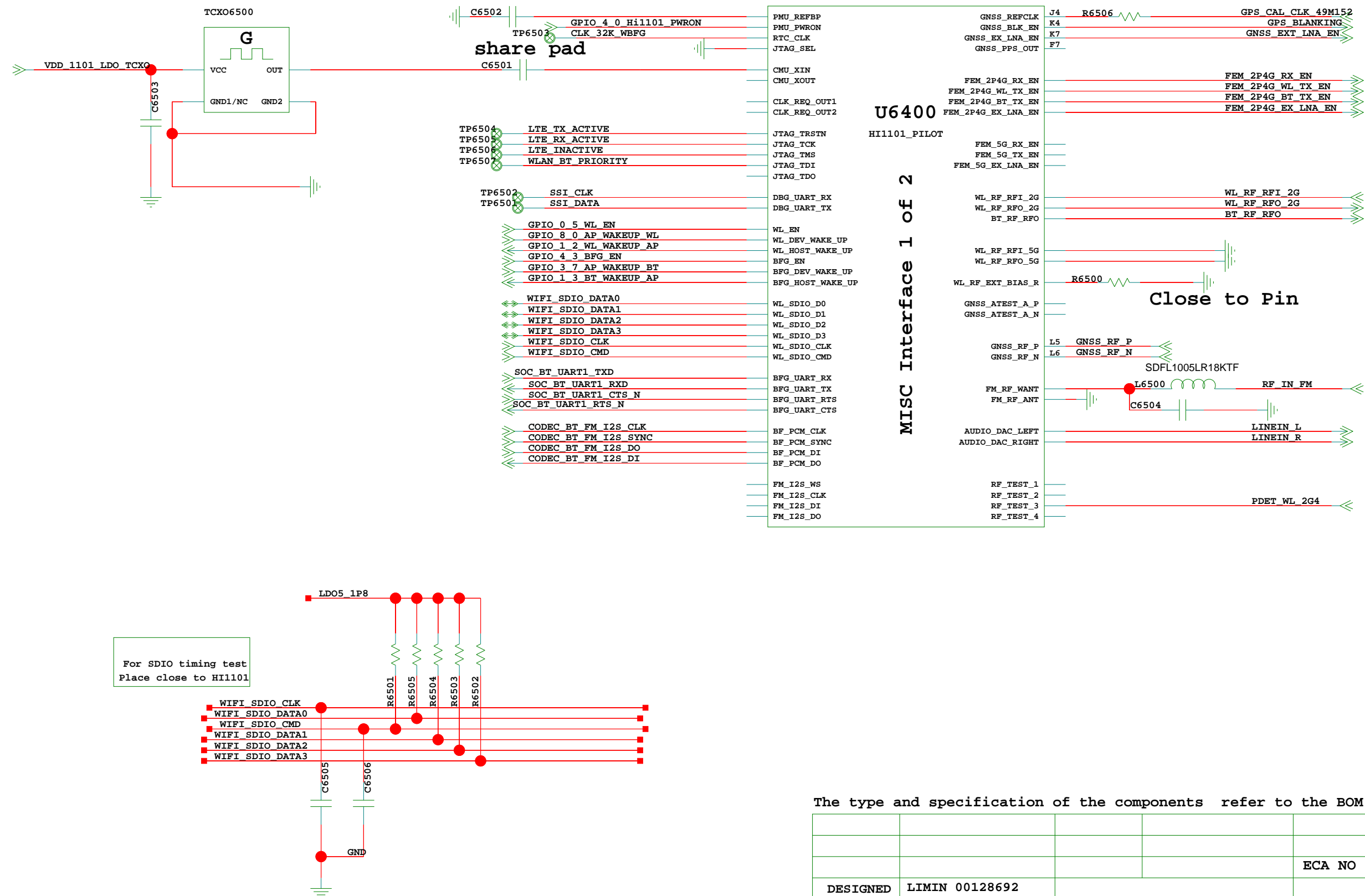
All caps close to Pin



The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	64-BT/WLAN/FM/GPS
		F	03023ARE	HUAWEI TECH CO.,LTD.	

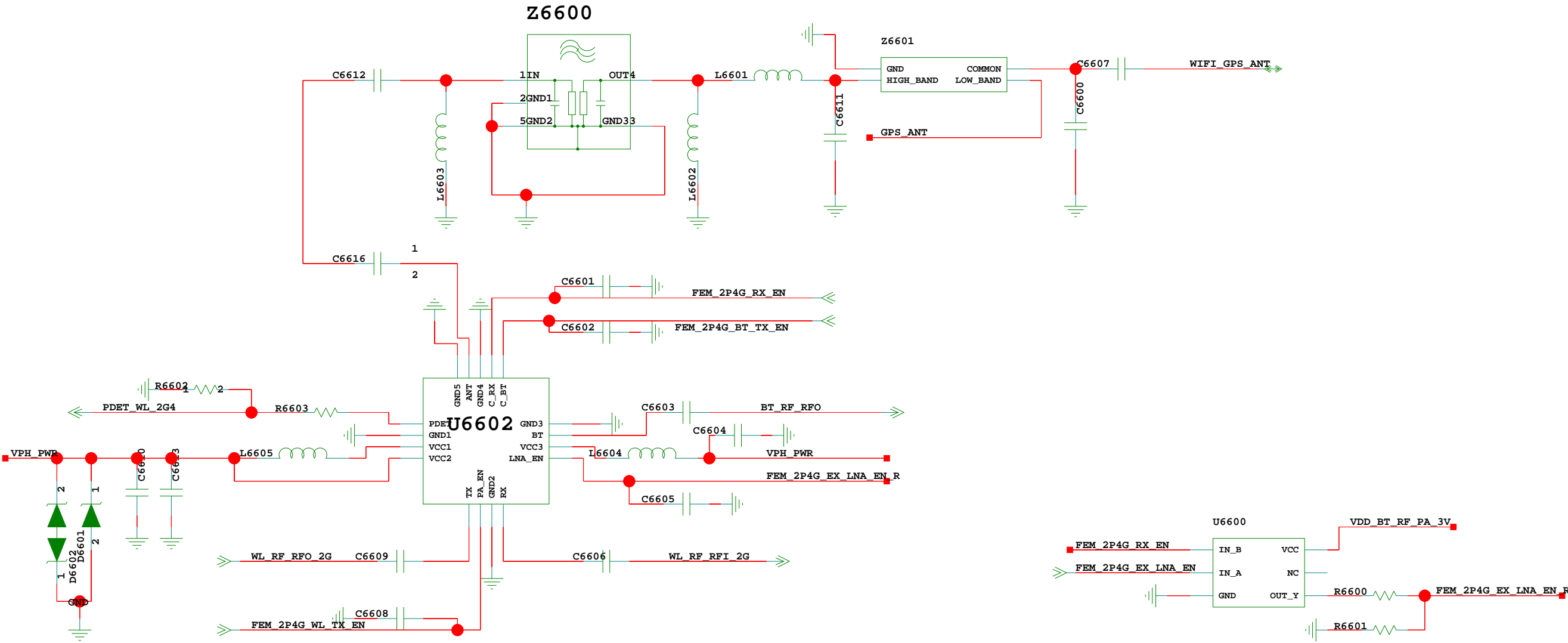
65. BT/WLAN/FM/GPS



The type and specification of the components refer to the BOM

					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	65-BDFWLAN9FM/GPS
		F	03023ARE	HUAWEI TECH CO.,LTD.	

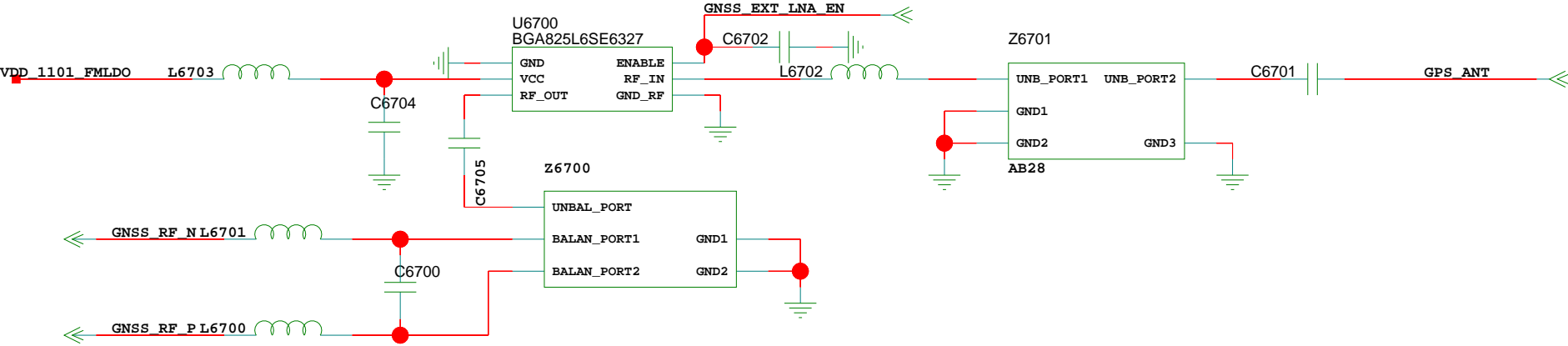
66-WIFI RF Front End



The type and specification of the components refer to 2015 BOM

				03023ARE	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM			
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 66-WIFI RF Front End	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

67-Reserved



The type and specification of the components refer to the BOM					
				ECA NO	2015.02.08
				DATE	
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 67-68 of 68	
		F	03023ARE	HUAWEI TECH CO.,LTD.	

68.Reserved

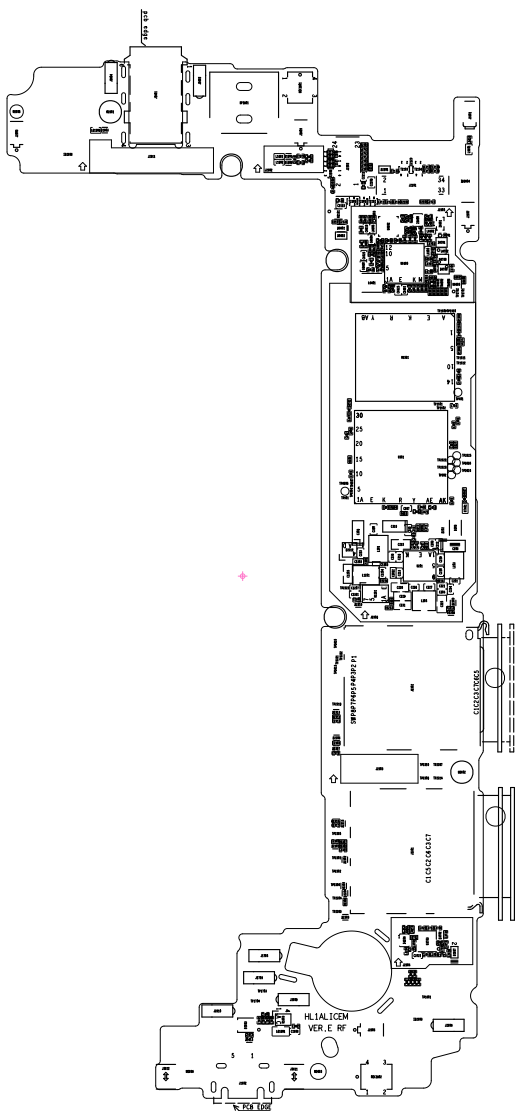
The type and specification of the components refer to the BOM

				ECA NO	2015.02.08
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	68-Reserved
		F	03023ARE	HUAWEI TECH CO.,LTD.	

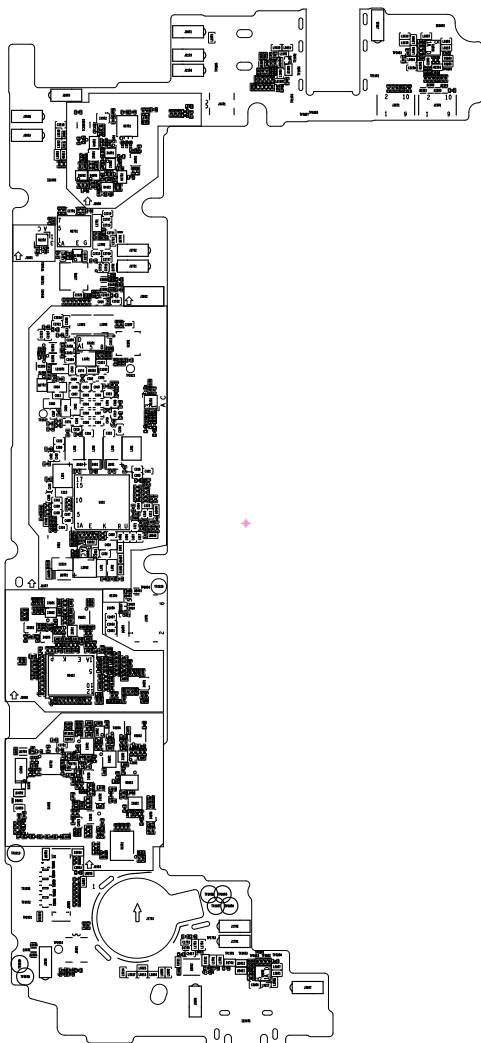
69.PCB

The type and specification of the components refer to the BOM

					2015.02.08
				ECA NO	DATE
DESIGNED	LIMIN 00128692	HL3ALICEM		03023ARE_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	69-Rev6d
		F	03023ARE	HUAWEI TECH CO.,LTD.	



HL1ALICEM VER.E SILKSCREEN TOP



HL1ALICEM VER.E SILKSCREEN BOTTOM