

AP SCHEMETIC

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- 40.TRX_B3
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- 46.Reserved
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- 49.TRX_B38/40/41
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- 51.Reserved
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- 53.DRX_LNA
- 54.DRX_B1/2/3/4/39
- 55.DRX_B5/8/20
- 56.DRX_B7/38/40/41
- 57.Reserved
- 58.Reserved

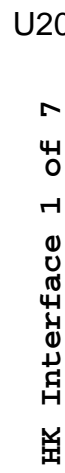
- 59.GPS
- 60.WIFI/BT BB
- 61.WIFI/BT RF
- 62.Reserved
- 63.NFC
- 64.CMMB
- 65.Reserved
- 66.ANT Match
- 67.MAIN ANT Tuner
- 68.DRX ANT Tuner
- 69.Reserved

The type and specification of the components refer to the BOM

				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	1_INDEX 69
		D	03022XCA	HUAWEI TECH CO.,LTD.	

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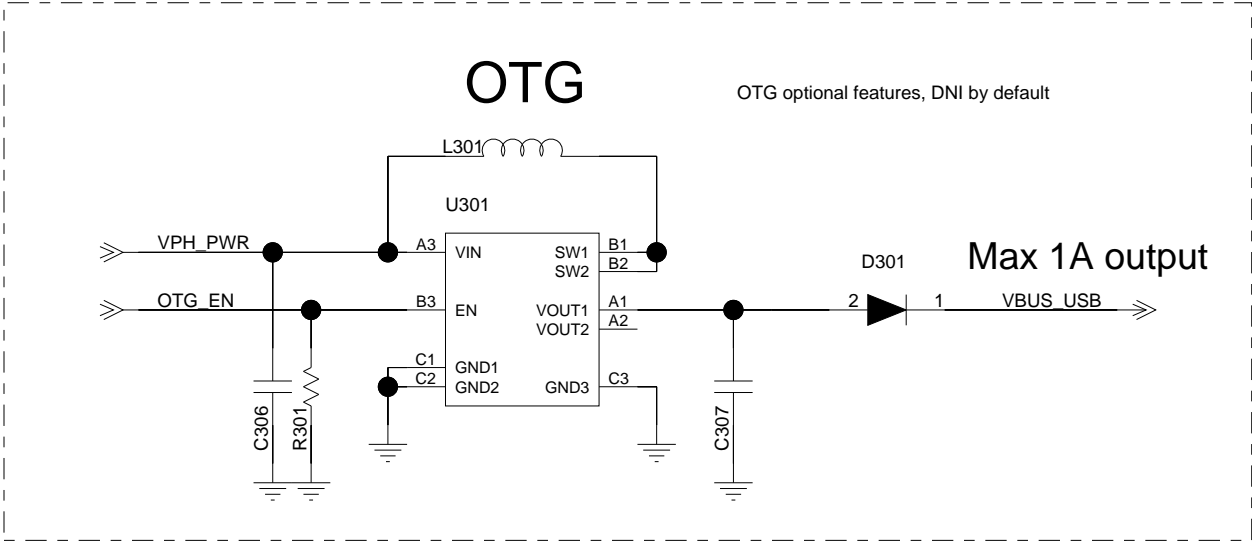
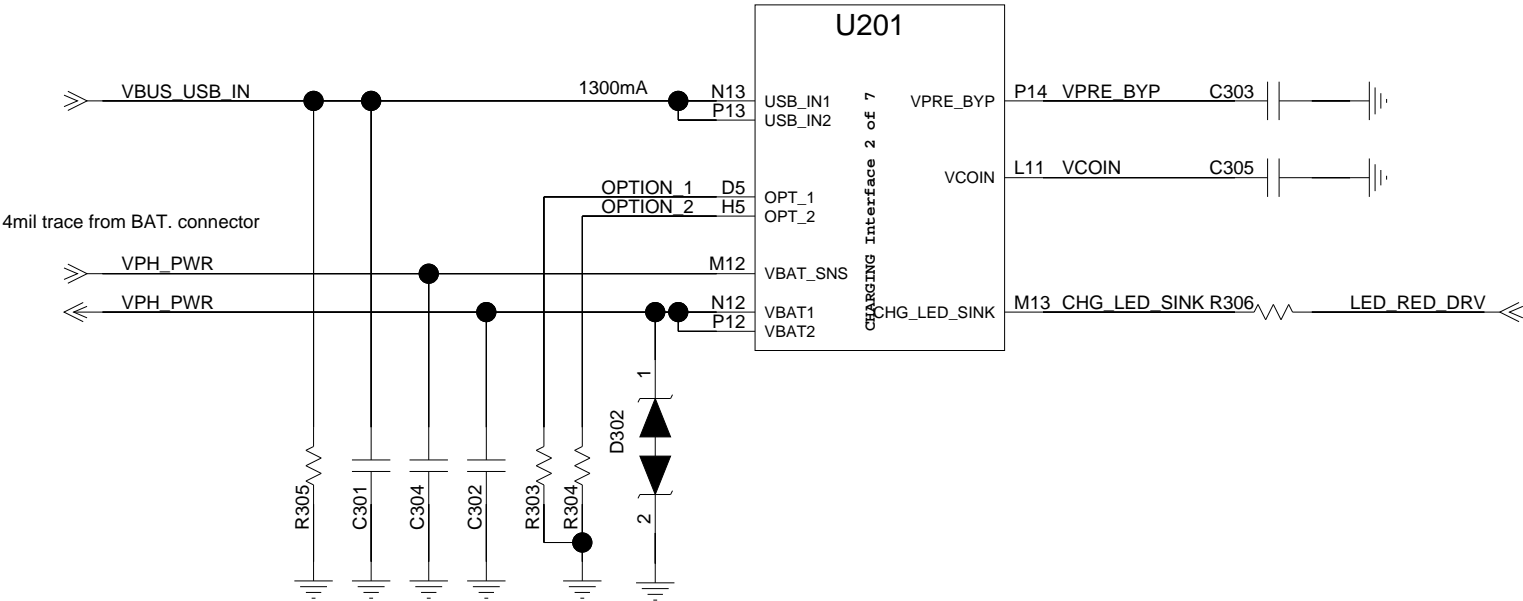


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				ECA NO	DATE
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REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	2_PM0316 Control and MPP
			03022XCA	HUAWEI TECH CO.,LTD.	

3. PM8916 Charging

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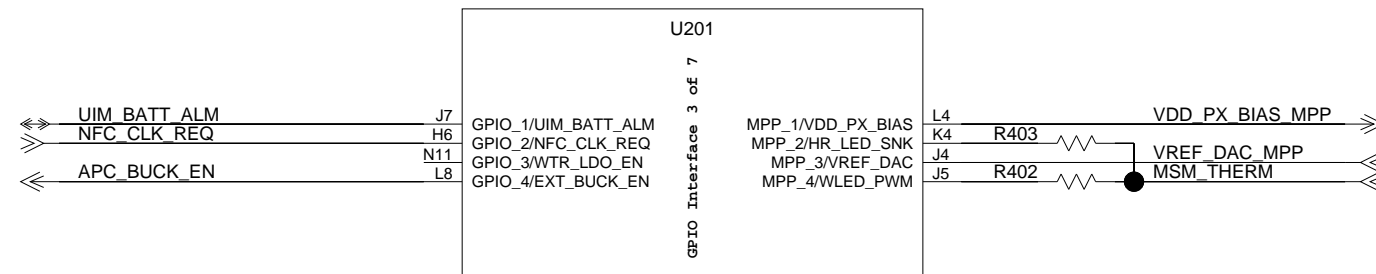
PINS	Hi Z	GND
OPT_1	NO SMB1360	SMB1360 present
OPT_2	NO Ext APC buck	Ext APC buck present



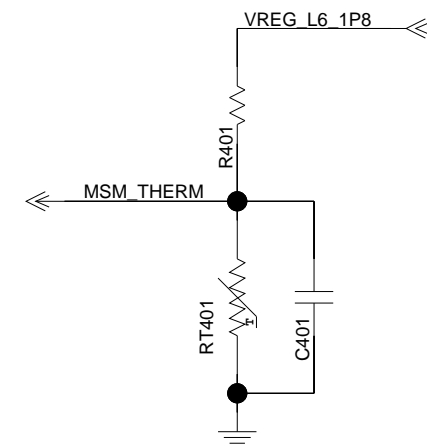
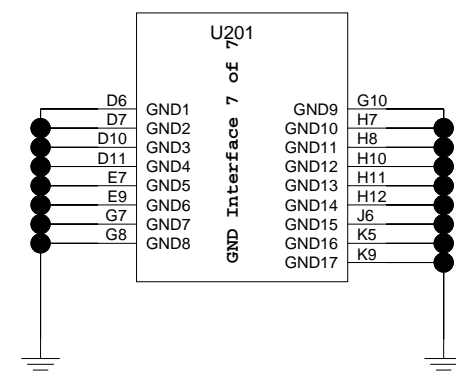
The type and specification of the components refer to the BOM

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				ECA NO	DATE
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REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	3_PM8916 Charging
		D	03022XCA	HUAWEI TECH CO.,LTD.	

4. PM8916 GPIO/MPP and GND



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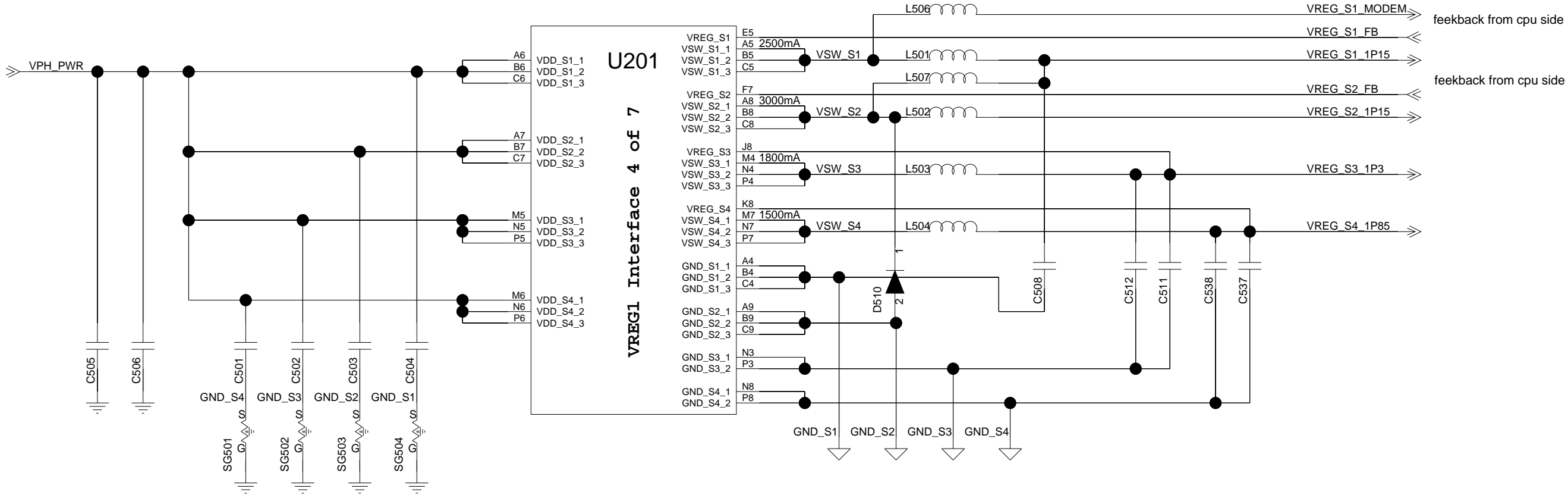


RT401 close to MSM

The type and specification of the components refer to the BOM

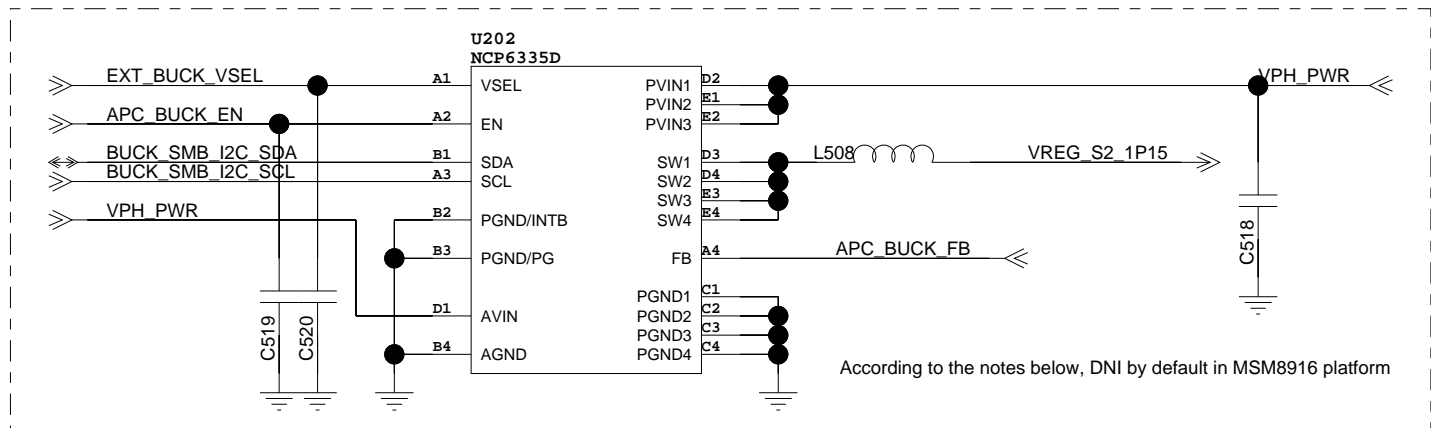
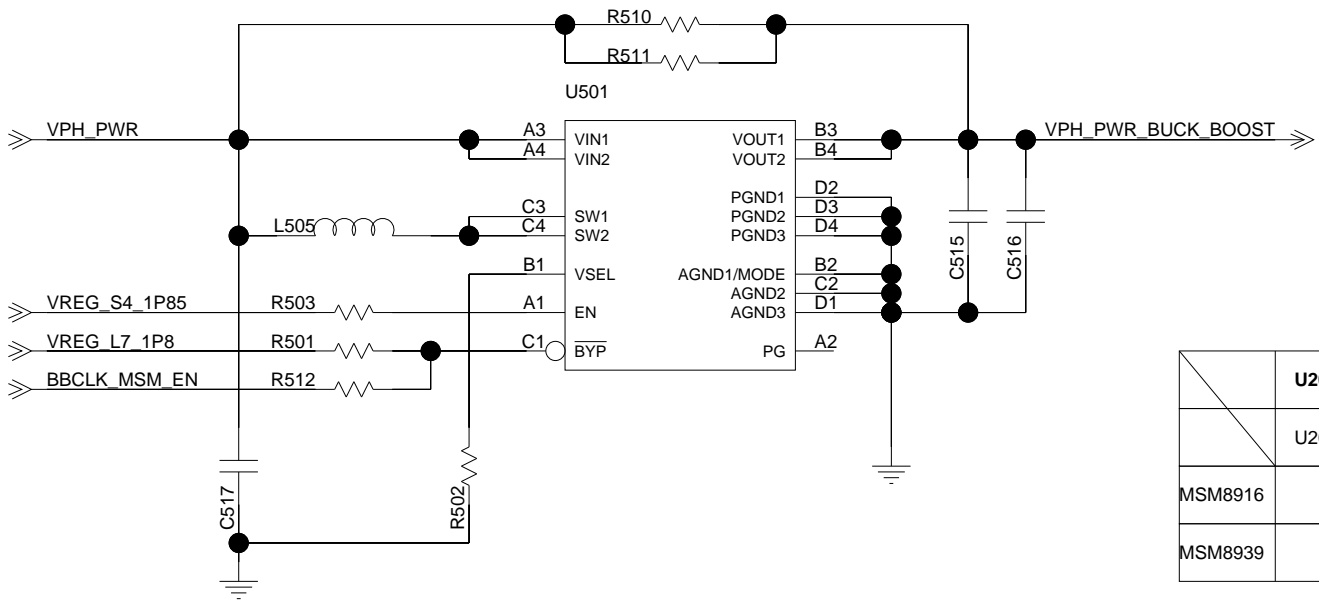
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				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	4_PMO16 6910/MPP and C
		D	03022XCA	HUAWEI TECH CO.,LTD.	

5. PM8916 SMPS



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BOOST BYPASS

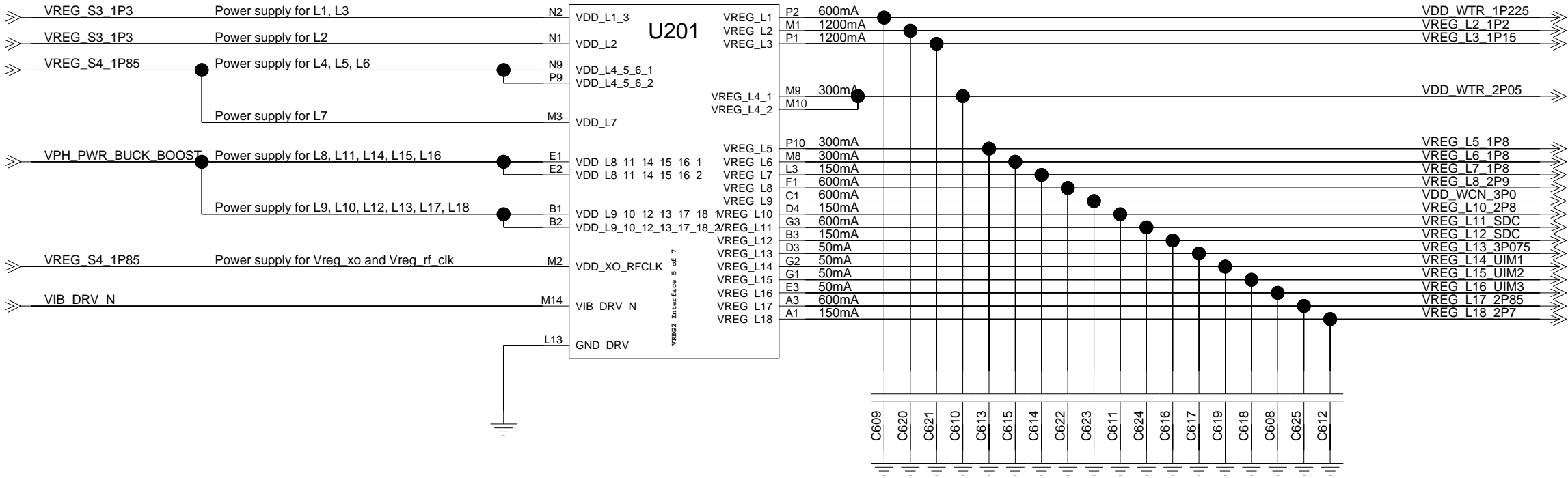


	U202 buck module	PMU Inductor		PDN Capacitor		FB Resistor	
	U202,C519,C520,C518,L508	L501,L502	L506,L507	C1323,C1324,C1325,C1326,C1327	C1328,C1329,C1330,C1331,C1332,C1333	R1201,R1203	R1202,R1204,R1301
MSM8916	DNI	SMT	DNI	DNI	DNI	SMT	DNI
MSM8939	SMT	DNI	SMT	SMT	SMT	DNI	SMT

The type and specification of the components refer to the BOM

				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 5_PM8916 SMPS	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

6. PM8916 LDO



Design Note:

CAPLESS LDOs: L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18
LDOs L8, L9, L11, L17 each shall have total effective output capacitance of 4.7uF
Rest of the LDOs shall each have total effective output capacitance of 1.0uF
Please ensure when you DNI the output capacitor of Pseudo capless LDOs
The effective total capacitance at load side shall match above requirement

Pseudo capless LDOs routing requirements:

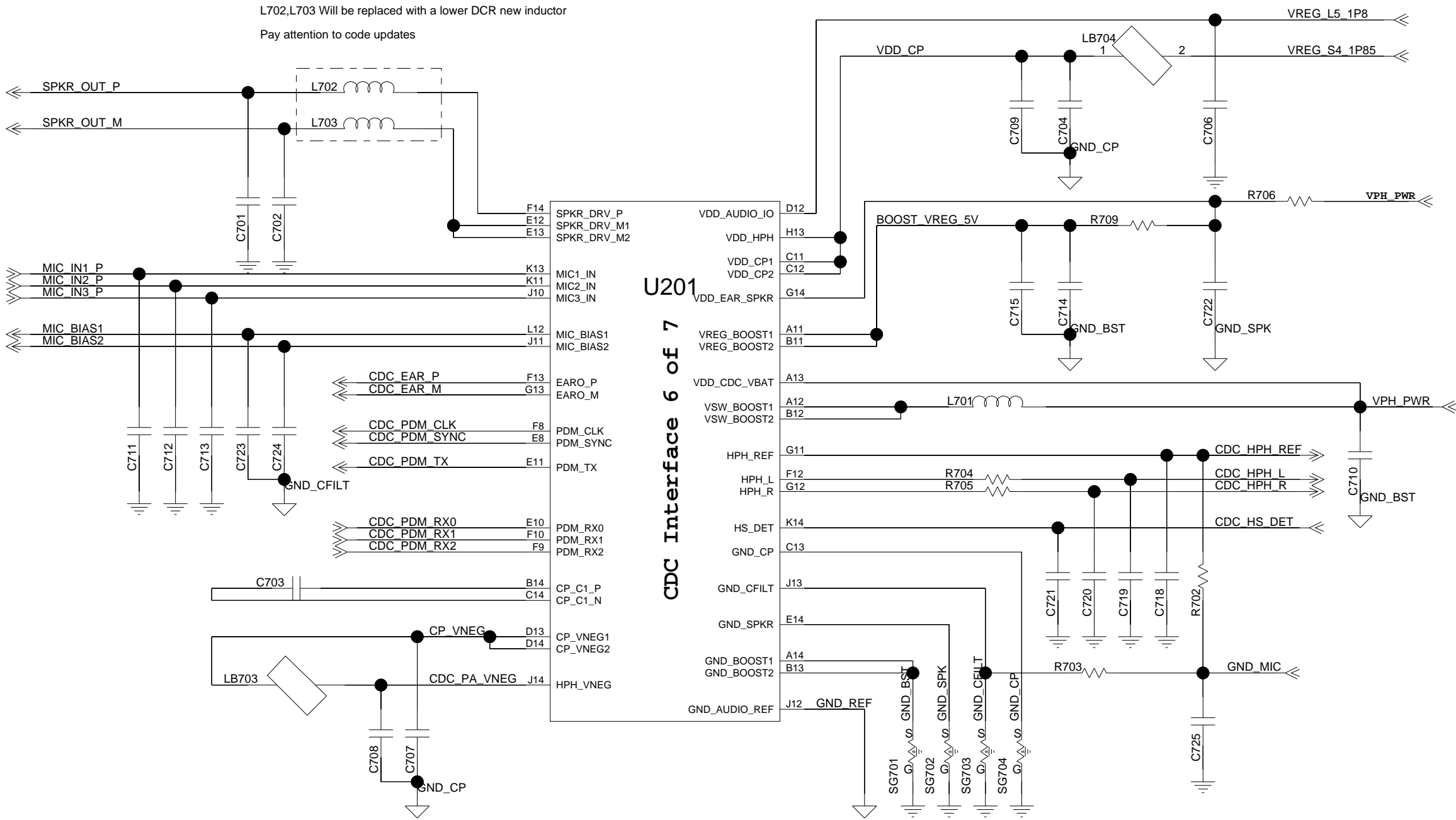
P50: R<400mOhms, L<45nH
P150: R<200mOhms, L<20nH
P300: R<150mOhms, L<18nH
P600: R<150mOhms, L<18nH

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The type and specification of the components refer to the BOM

					2014-5-27
			N/A	ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 6_PM8916 LDO	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

7. PM8916 CODEC



Please connect C13, J13, E14, A14, B13,J12 to respective VDD capacitor grounds directly and then to main GND

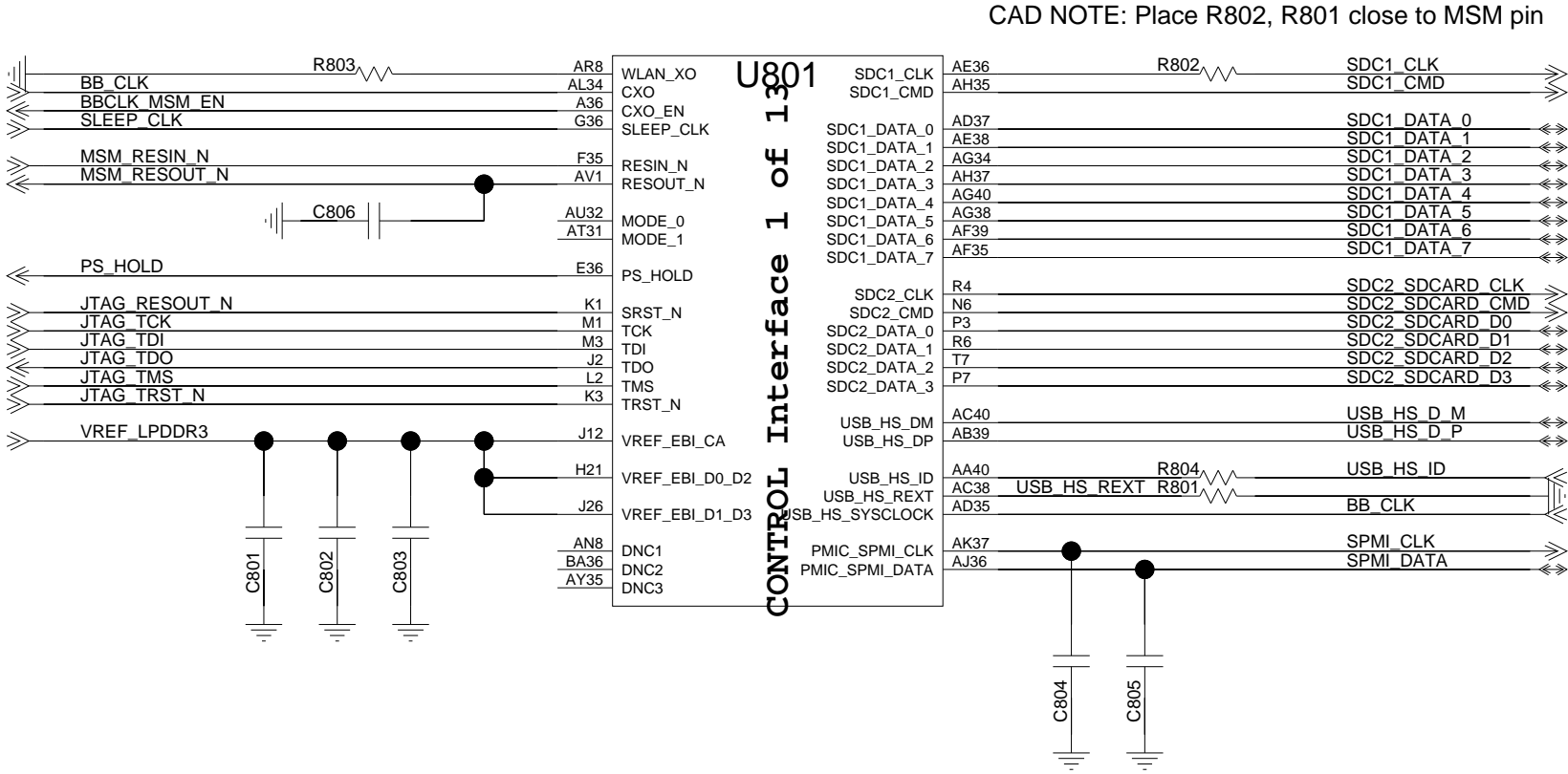
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The type and specification of the components refer to the BOM

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REVIEWED	QIUHONGBING 00248133				
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		D	03022XCA	HUAWEI TECH CO.,LTD.	

8. MSM8916 Control

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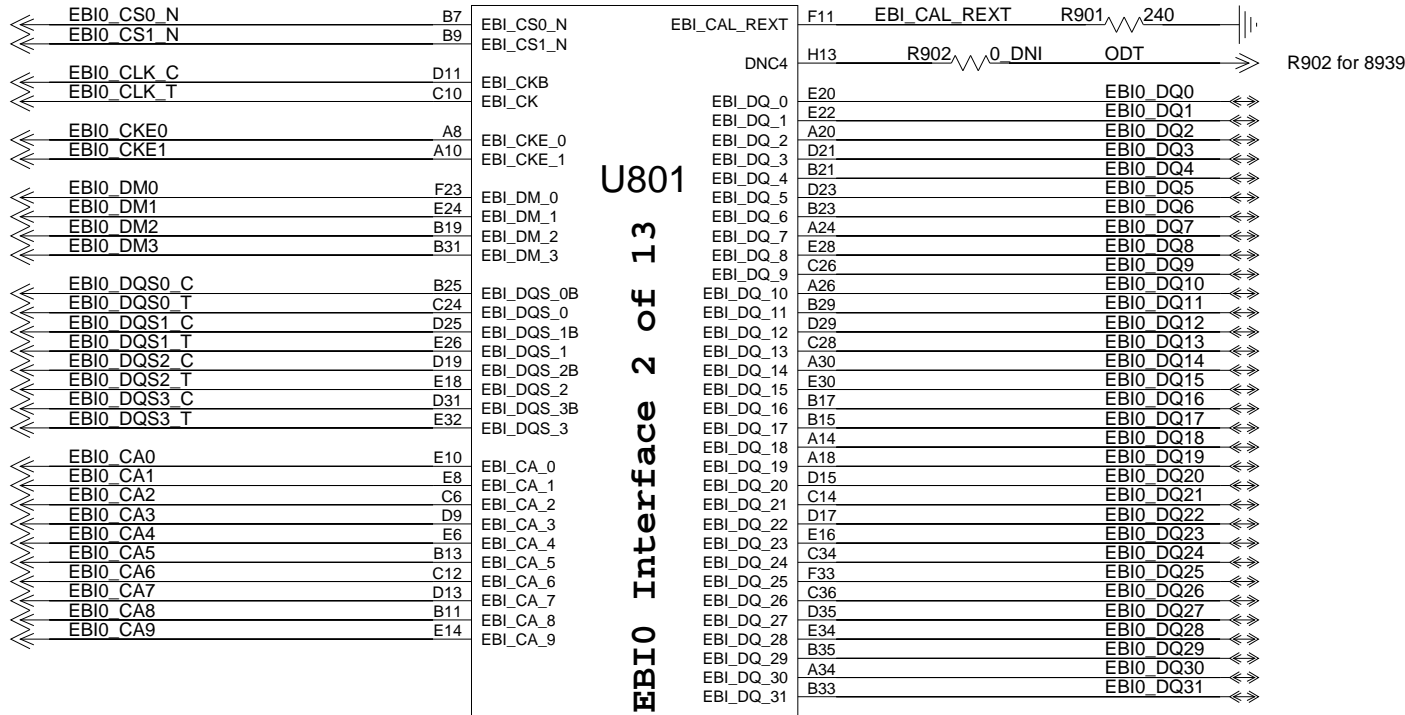


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				ECA NO	DATE
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REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	8_MSM8916 Control
		D	03022XCA	HUAWEI TECH CO.,LTD.	

9. MSM8916 EBI

CAD NOTE: Place R901 close to MSM pin

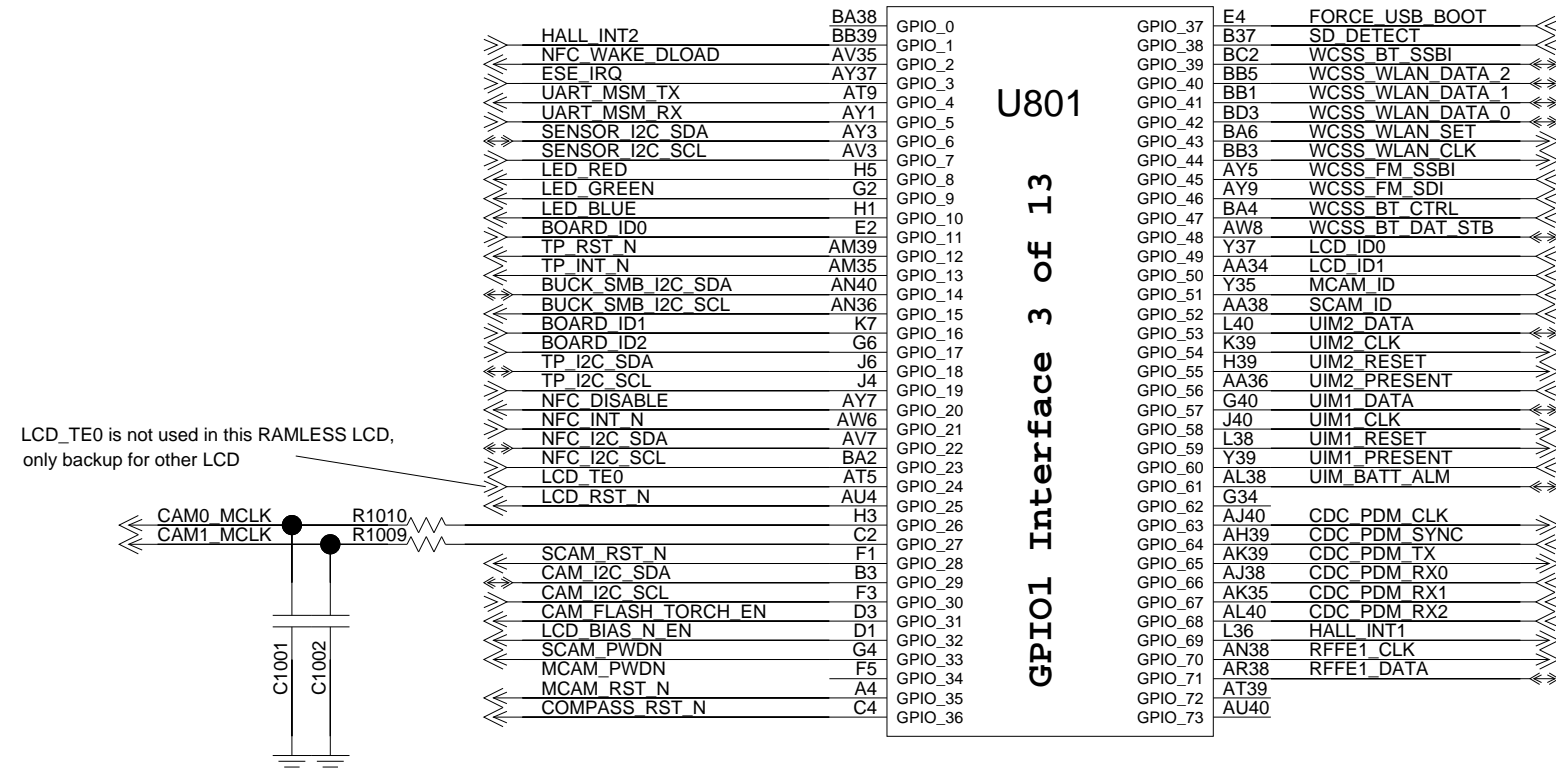


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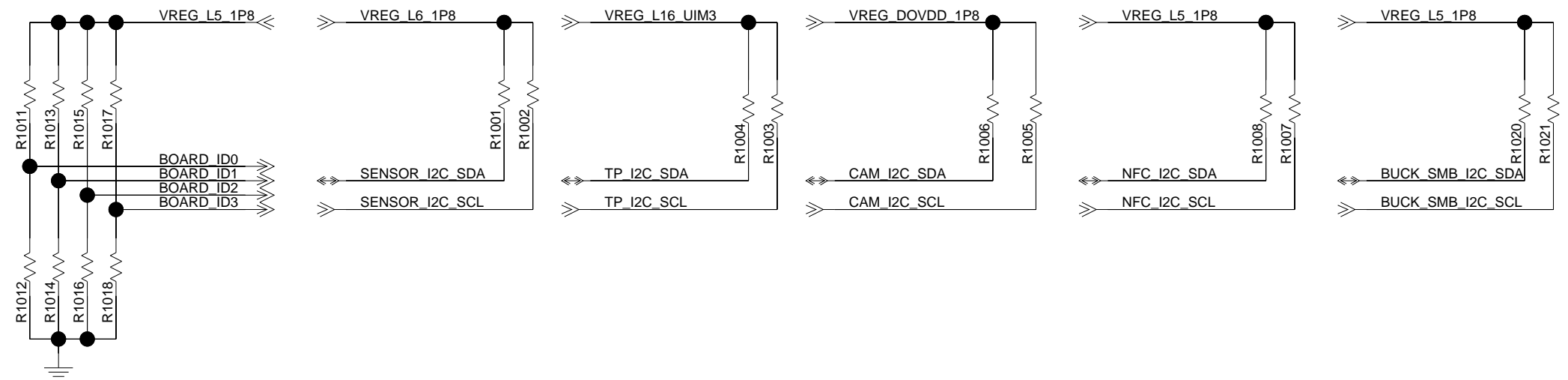
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REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	9_MSM8916 EBI
		D	03022XCA	HUAWEI TECH CO.,LTD.	

10. MSM8916 GPIO



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Board ID	R1011	R1012	R1013	R1014	R1015	R1016	R1017	R1018
Cherry-20	SMT	DNI	DNI	DNI	DNI	SMT	SMT	DNI
Cherry-CL10	SMT	DNI	SMT	DNI	DNI	SMT	SMT	DNI

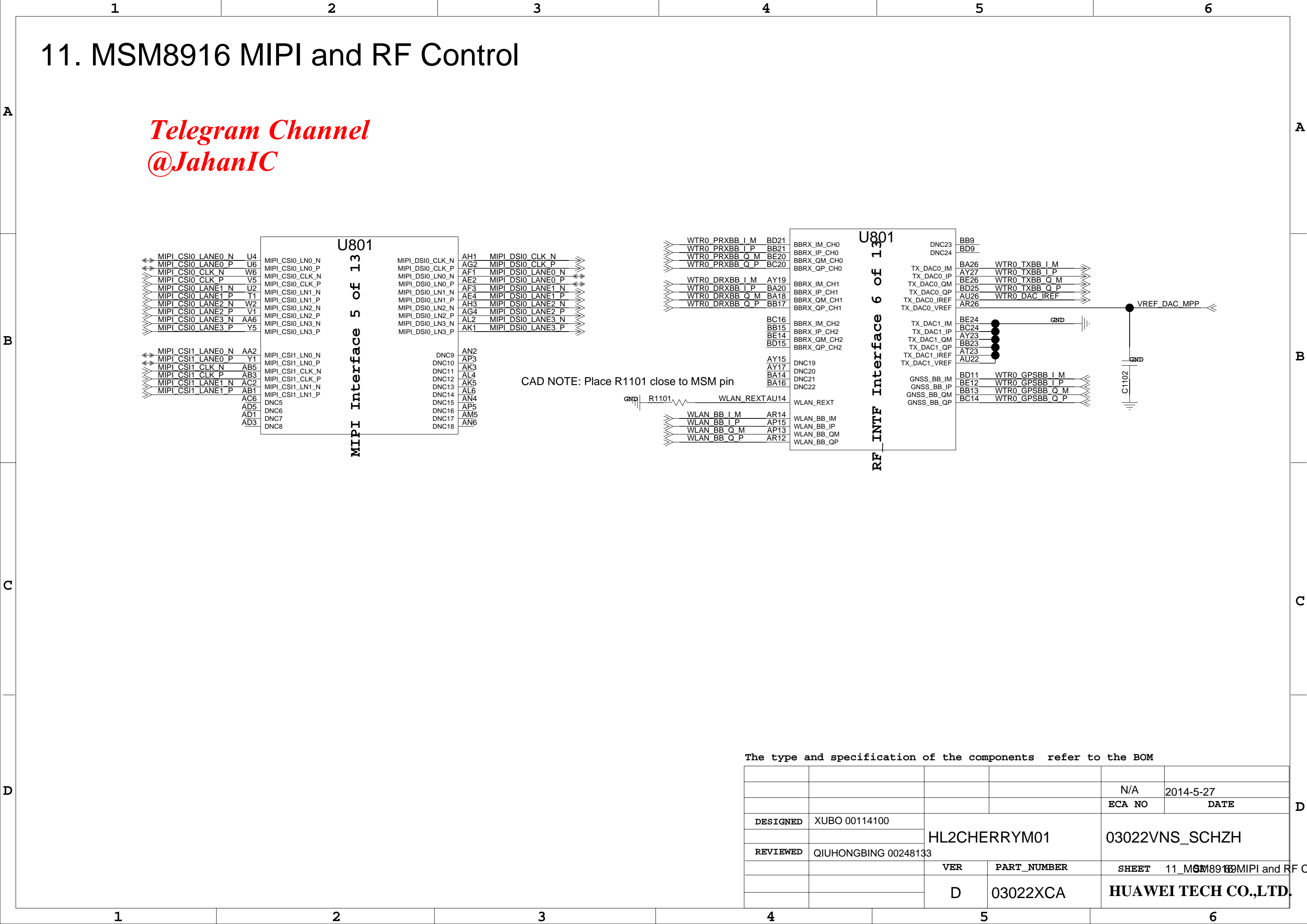


The type and specification of the components refer to the BOM

GPIO PIN	BOOT_CONFIG
GPIO_80	BOOT_CONFIG[0], WDOG
GPIO_81	BOOT_CONFIG[1]
GPIO_82	BOOT_CONFIG[2]
GPIO_83	BOOT_CONFIG[3]

BOOT_CONFIG[3:1]	
0b000	sdcl->sdcl->usb2.0
0b001	sdcl->sdcl->usb2.0
0b010	sdcl->usb2.0
0b011	usb2.0

				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	10_MCM8916 GPIO
		D	03022XCA	HUAWEI TECH CO.,LTD.	

[illegible][illegible]

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11. MSM8916 MIPI and RF Control

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The schematic shows three main interface blocks:

- U801 MIPI Interface 5 of 13:** Contains CSIO and DSIO lane connections.
- U802 MIPI Interface 6 of 13:** Contains WTR0 and BBRX signal connections.
- U803 RF INTF:** Contains WLAN and GNSS signal connections.

A CAD note specifies: "Place R1101 close to MSM pin".

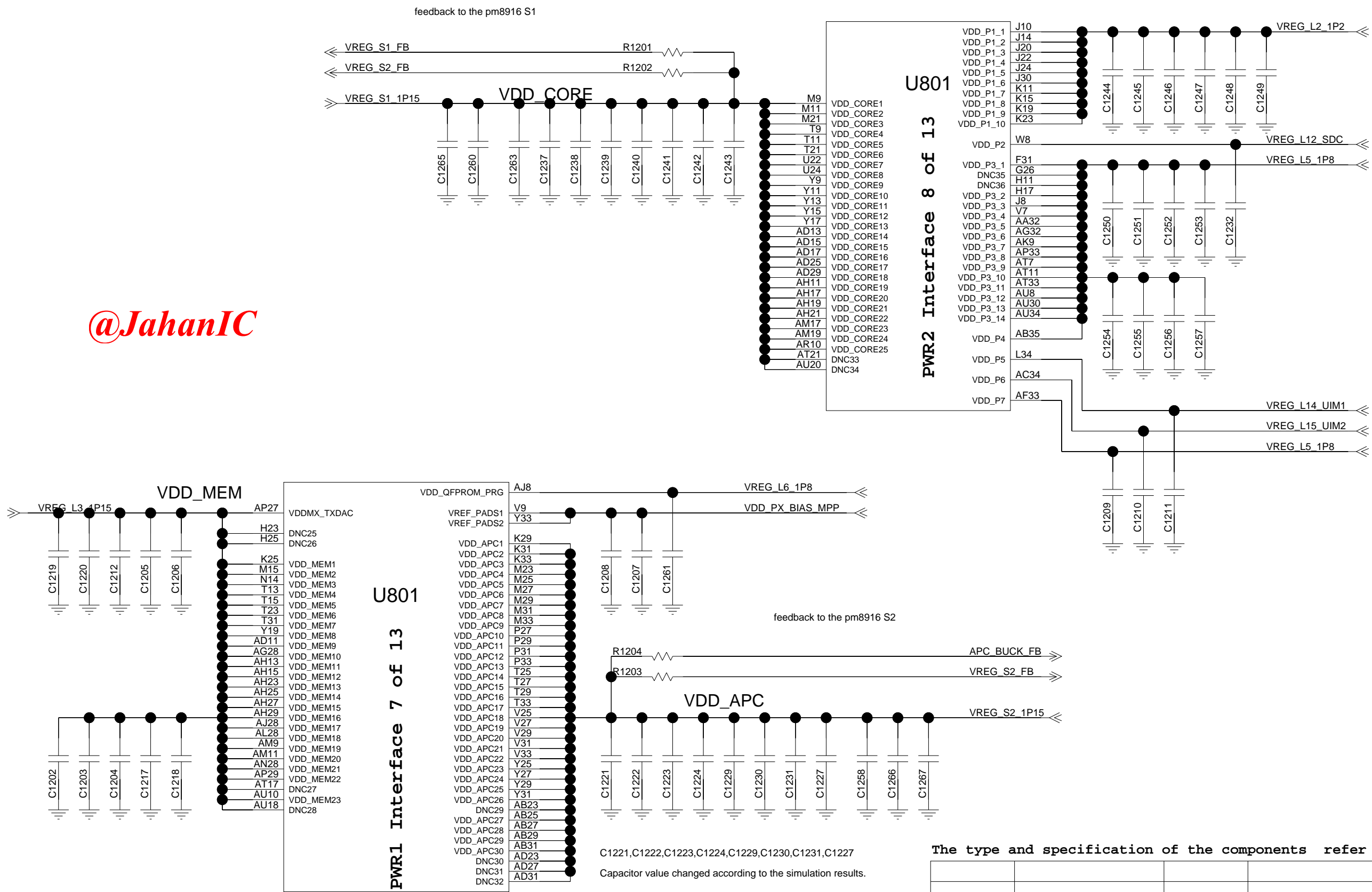
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REVIEWED	QIUHONGBING 00248133			
		VER	PART_NUMBER	SHEET
		D	03022XCA	11_MSM8916 MIPI and RF C
		HUAWEI TECH CO.,LTD.		

[illegible]

12. MSM8916 Power1

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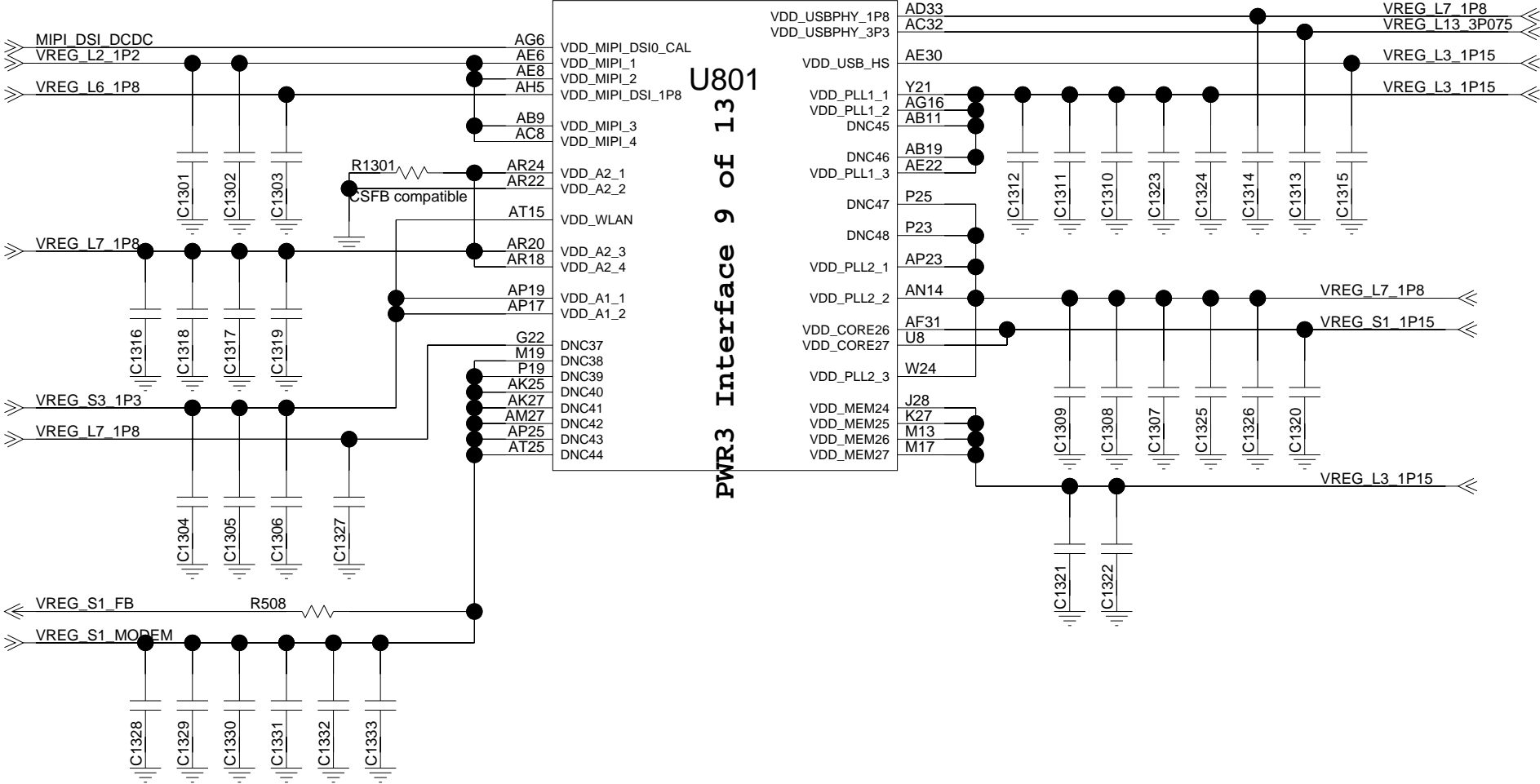
C1221,C1222,C1223,C1224,C1229,C1230,C1231,C1227
Capacitor value changed according to the simulation results.

The type and specification of the components refer to the BOM

				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	12_MSM8916 Power1
		D	03022XCA	HUAWEI TECH CO.,LTD.	

13. MSM8916 Power2

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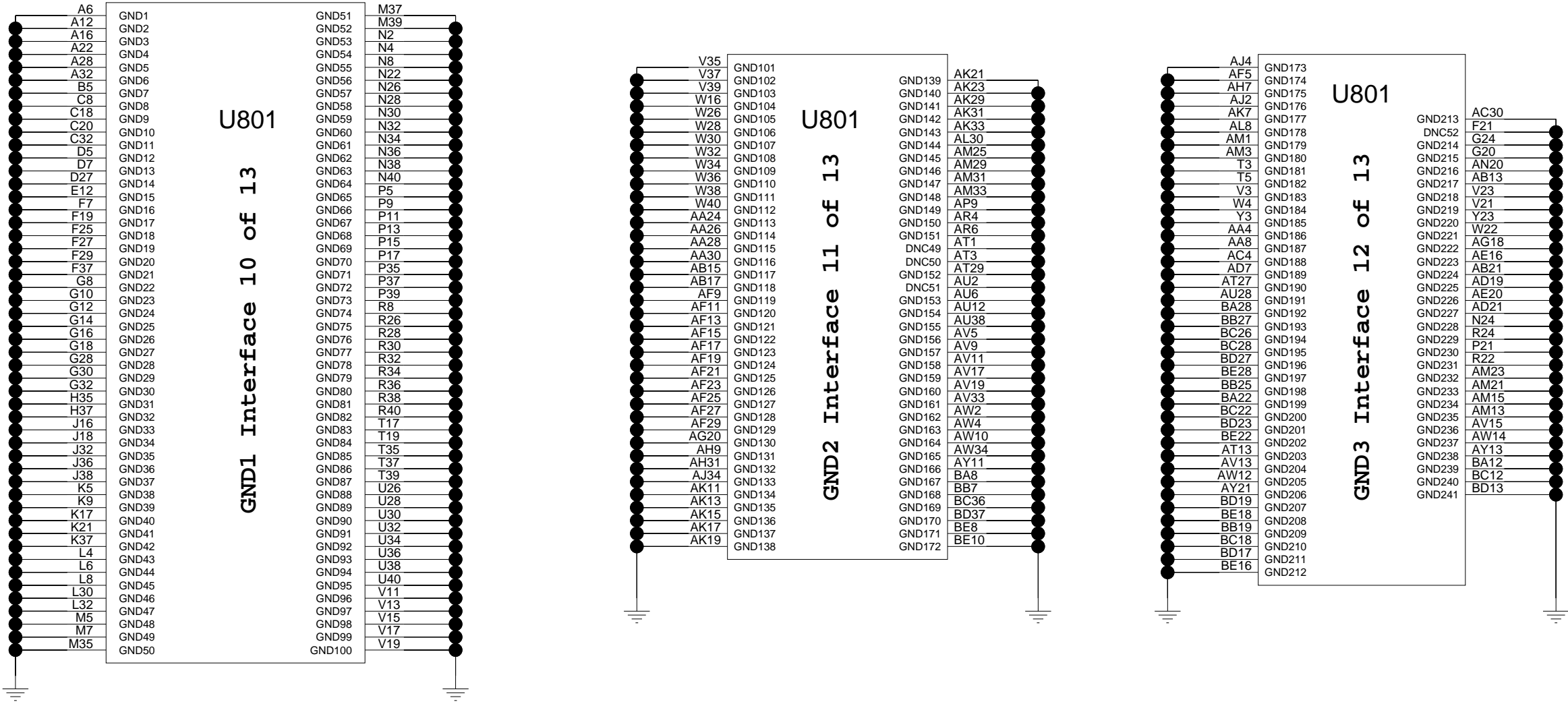


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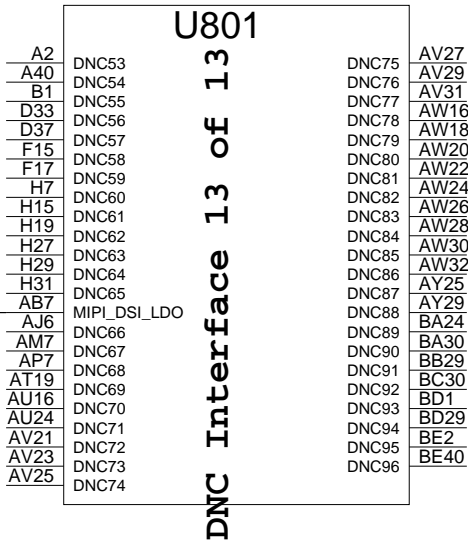
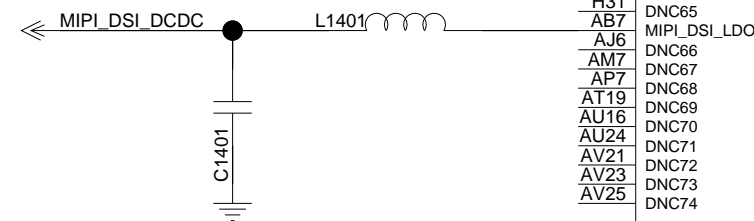
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REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	13_MSM8916 Power2
		D	03022XCA	HUAWEI TECH CO.,LTD.	

14. MSM8916 GND and NC

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MIPI_DSI_LDO default LDO mode, L1401 use 07090522 0ohm
L1401 replace with 10100603 2.2uH when using DCDC mode



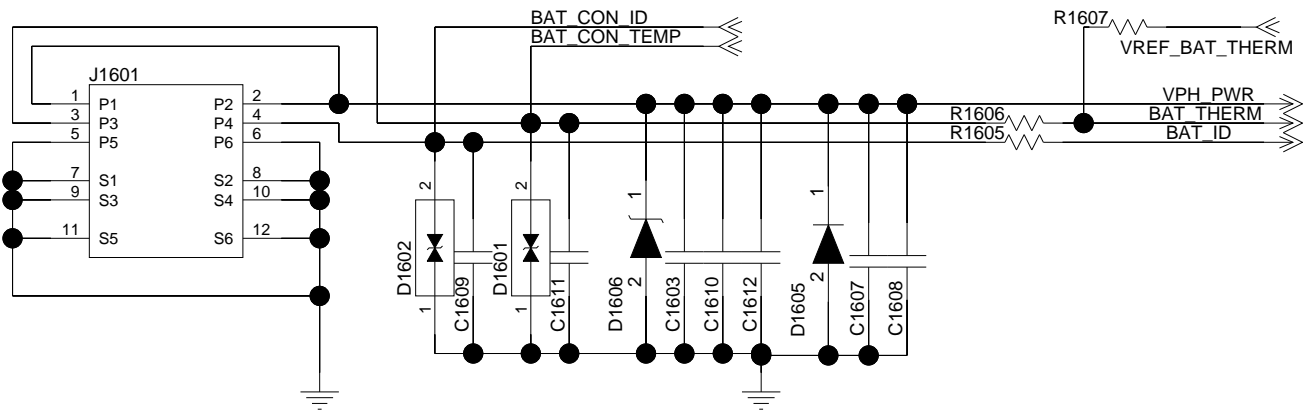
The type and specification of the components refer to the BOM

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REVIEWED	QIUHONGBING 00248133				
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		D	03022XCA	HUAWEI TECH CO.,LTD.	

16. Battery/Micro USB Connector

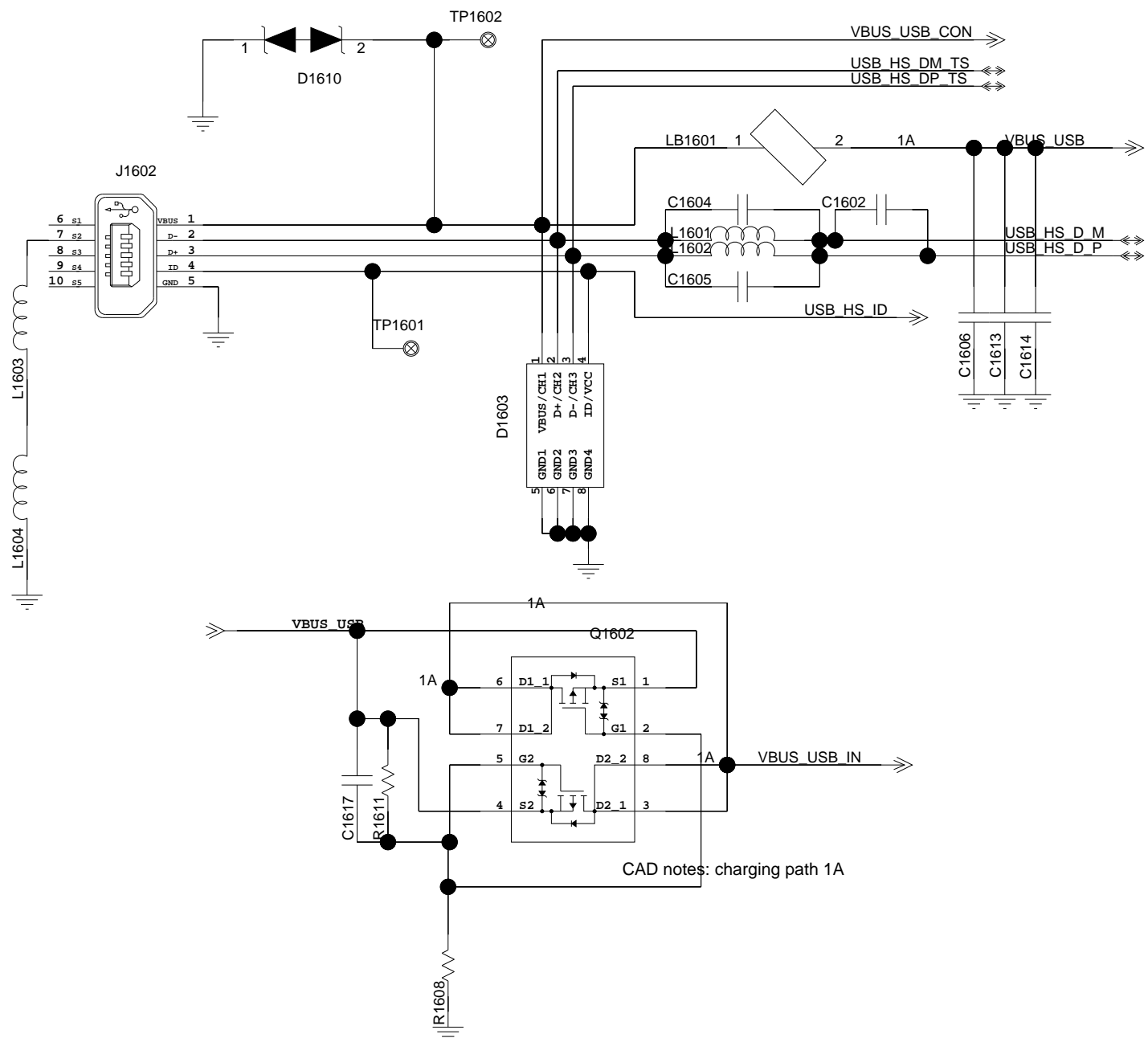
Battery Conector

Battery 24021535



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USB Conector



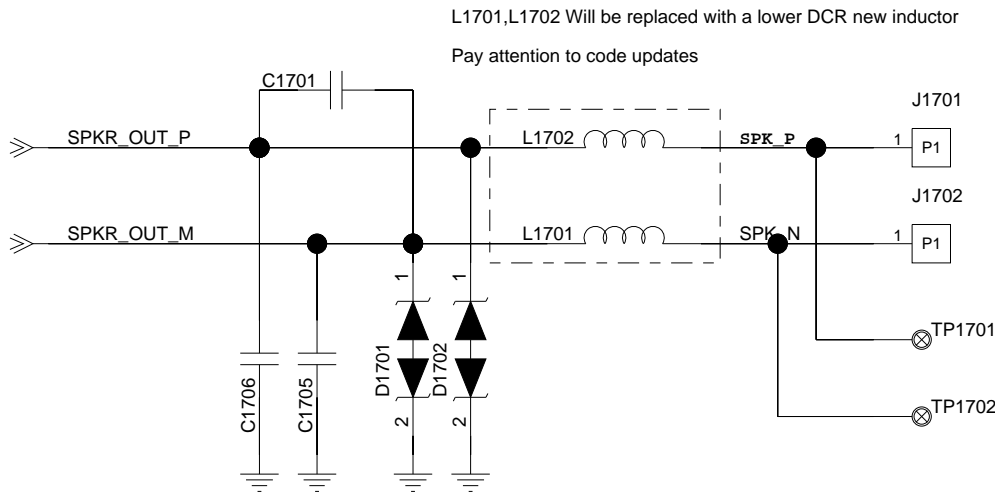
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REVIEWED	QIUHONGBING 00248133				
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		D	03022XCA	HUAWEI TECH CO.,LTD.	

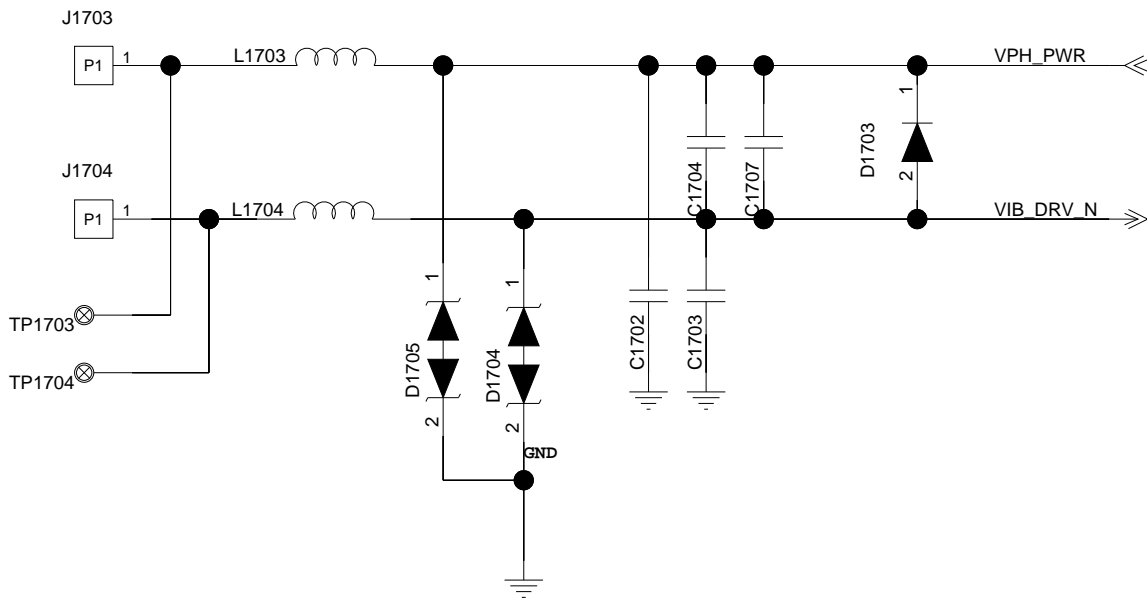
17. Speaker and Vibrator

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Single Speaker



Vibrator 32050045



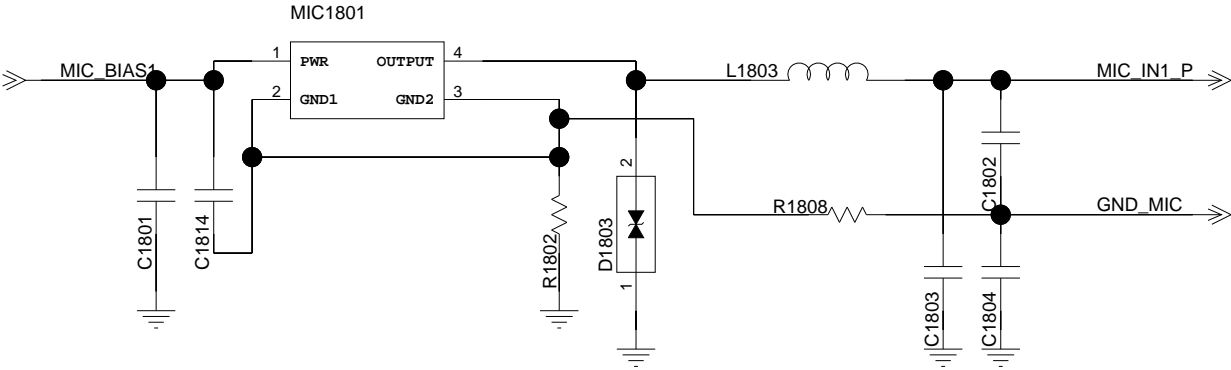
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		D	03022XCA	HUAWEI TECH CO.,LTD.	

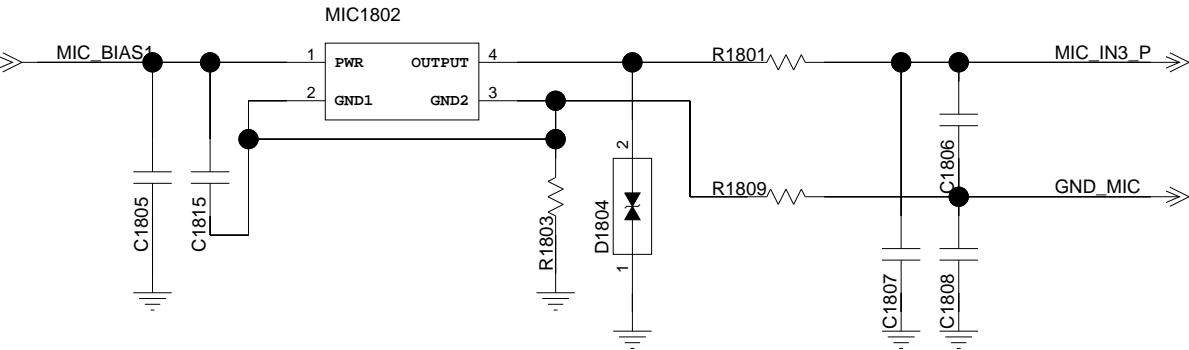
18. MIC and Receiver

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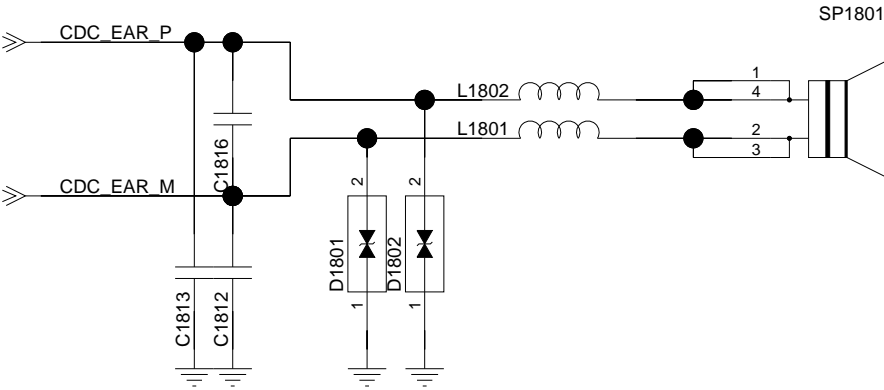
Primary Mic



Secondary Mic



Receiver

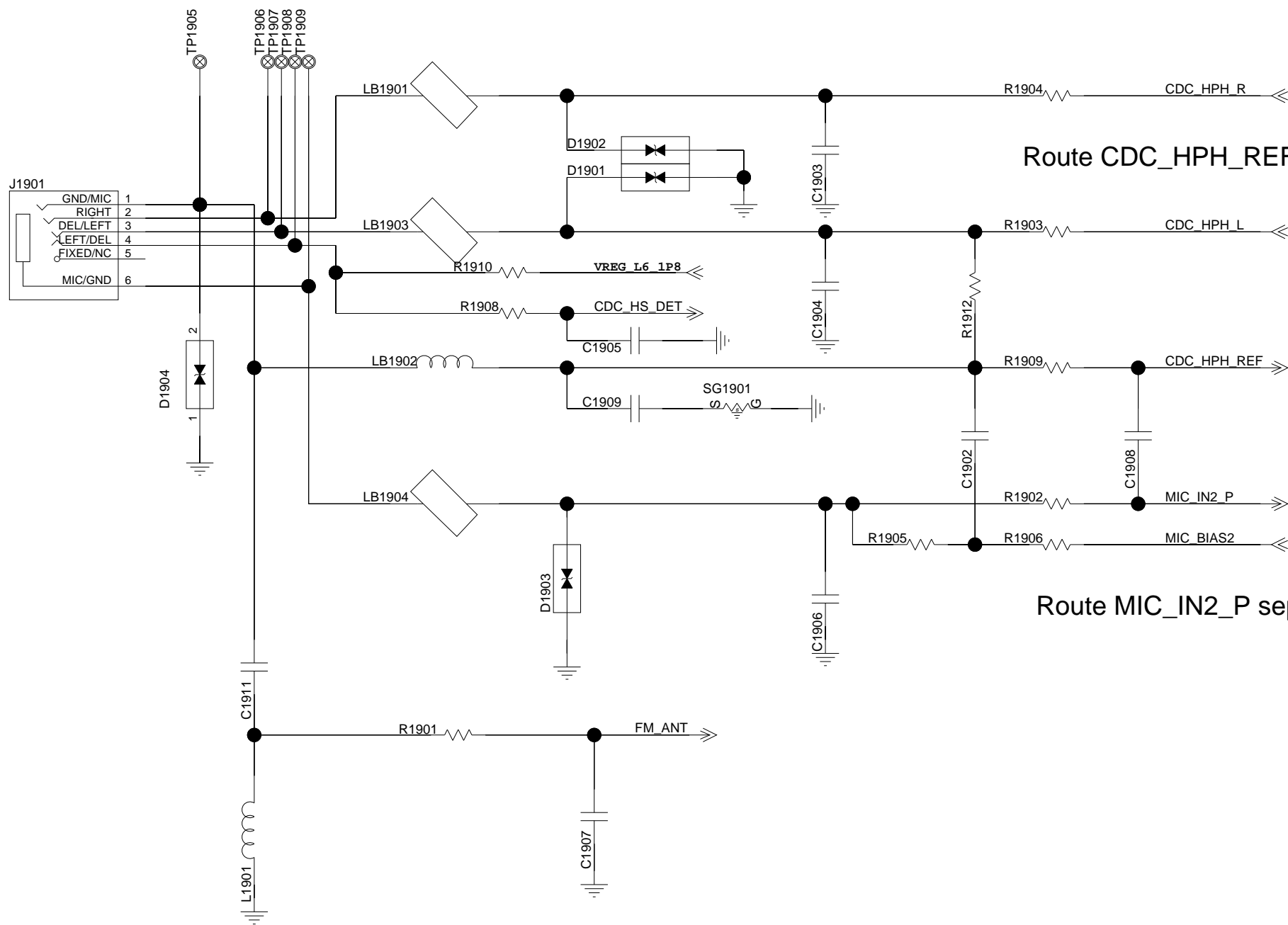


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REVIEWED	QIUHONGBING 00248133				
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		D	03022XCA	HUAWEI TECH CO.,LTD.	

19. Earphone

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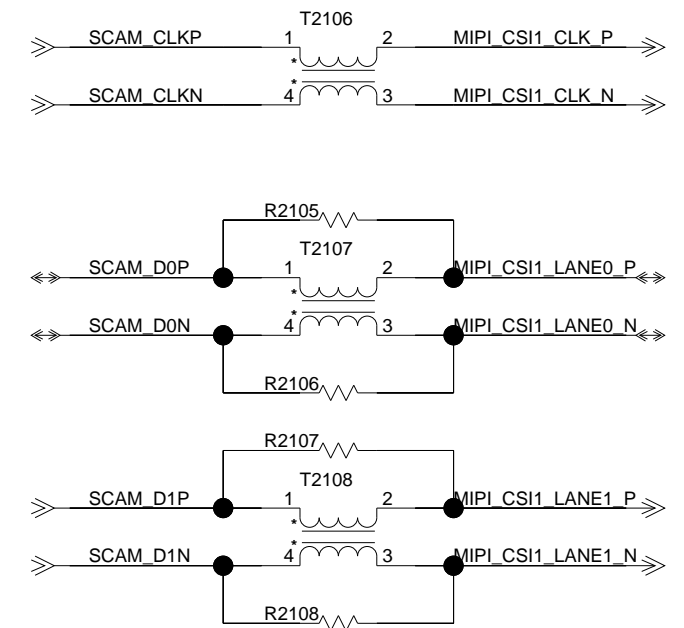
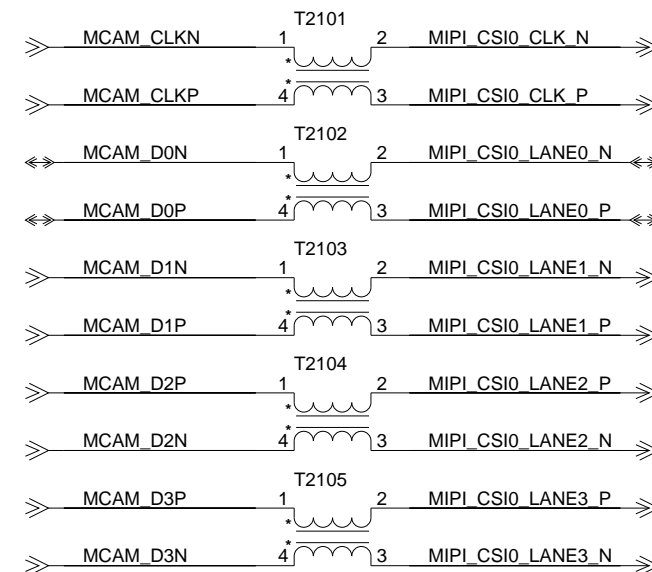
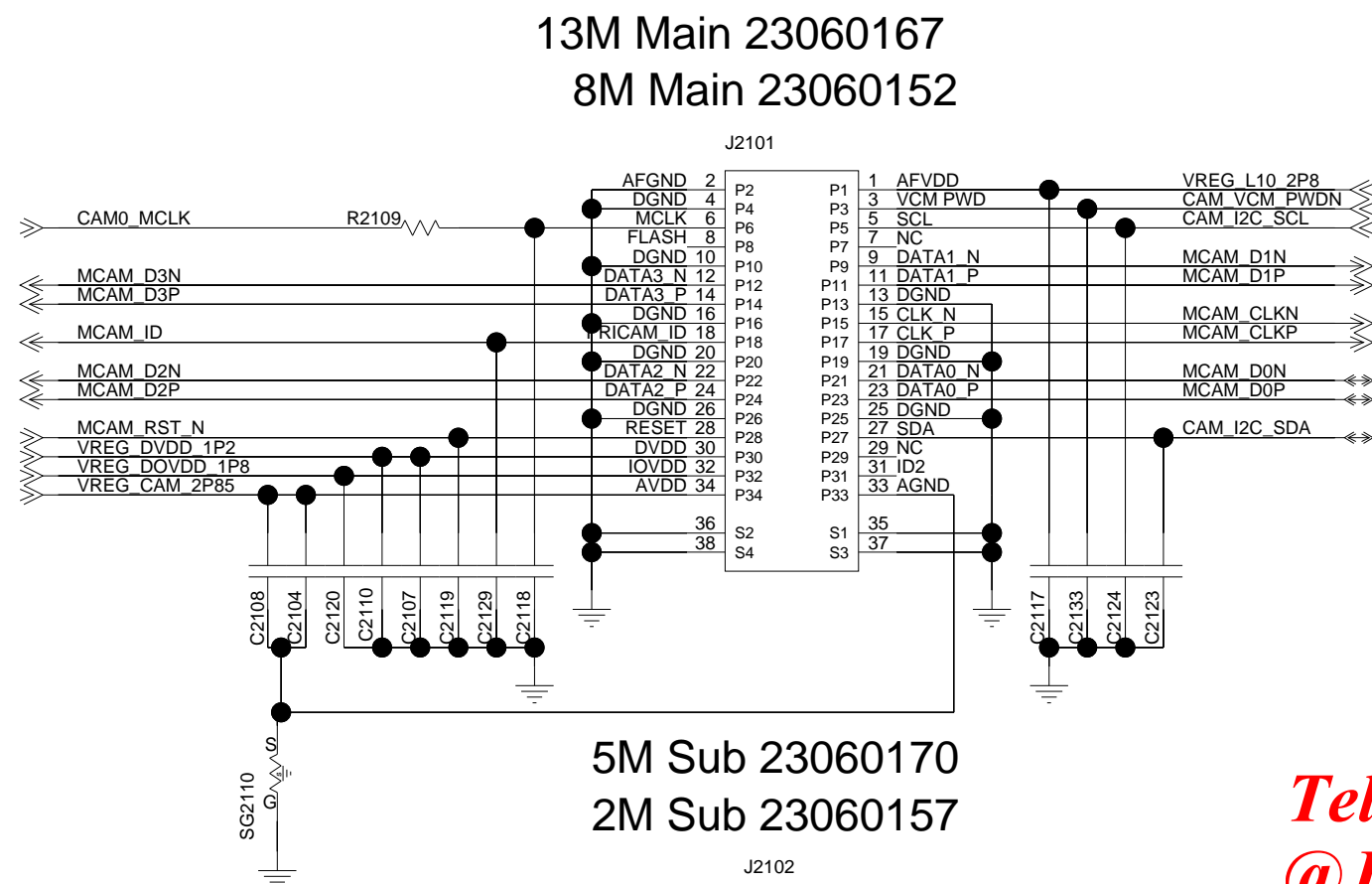
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REVIEWED	QIUHONGBING 00248133				
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		D	03022XCA	HUAWEI TECH CO.,LTD.	

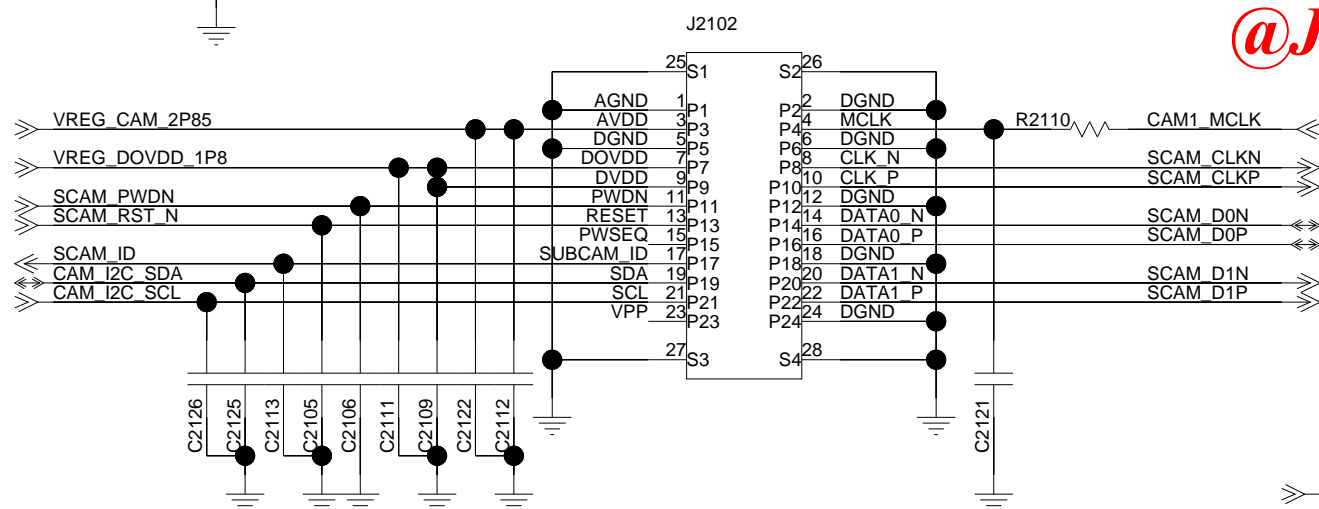
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		D	03022XCA	HUAWEI TECH CO.,LTD.	

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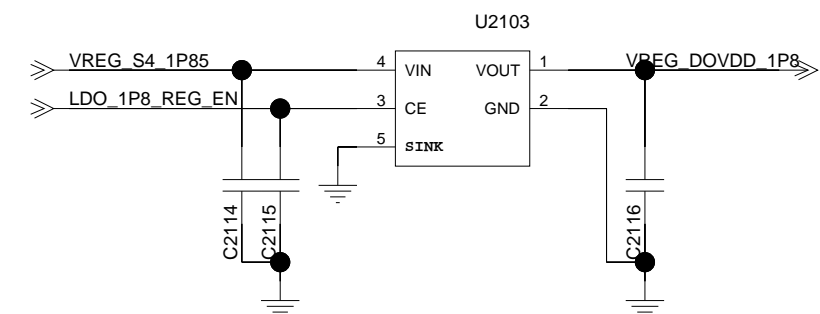
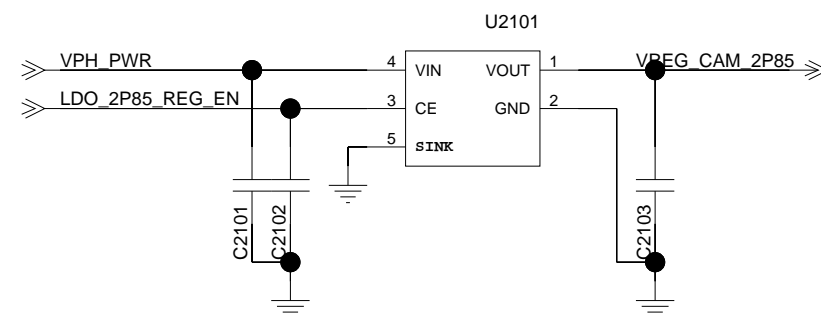
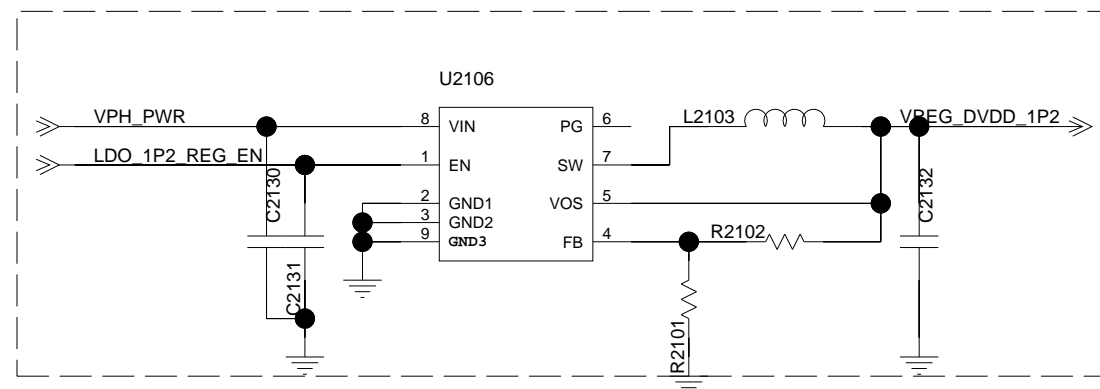
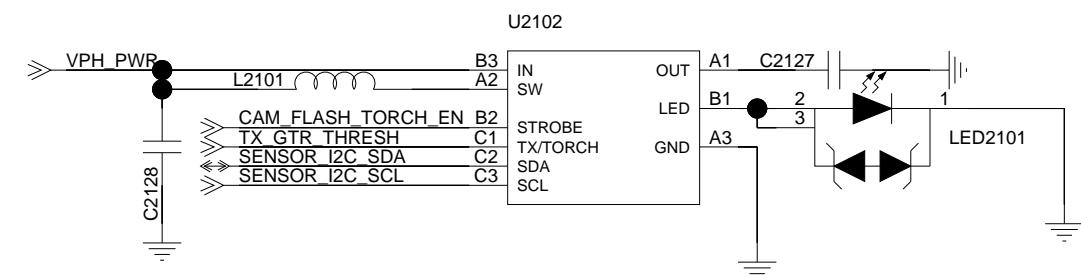


5M Sub 23060170
2M Sub 23060157



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Flash Light



Pay more attention to Camera DVDD power

	DVDD	R2101	R2102
8M/new 13M	1.2V	07091299 30K	07091302 51K
old 13M	1.05V	07091172 22K	07091299 30K

The type and specification of the components refer to the BOM

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				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
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		D	03022XCA	HUAWEI TECH CO.,LTD.	

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B

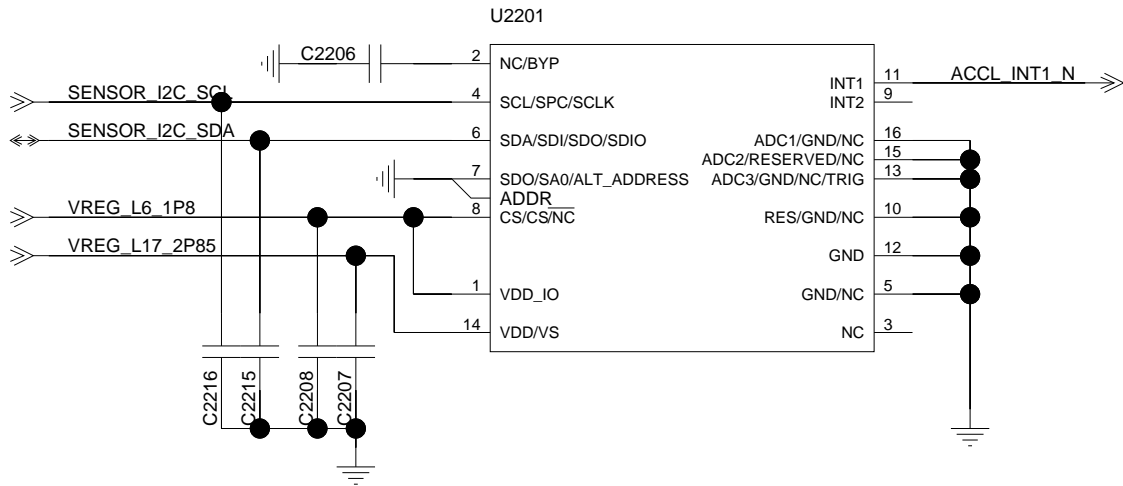
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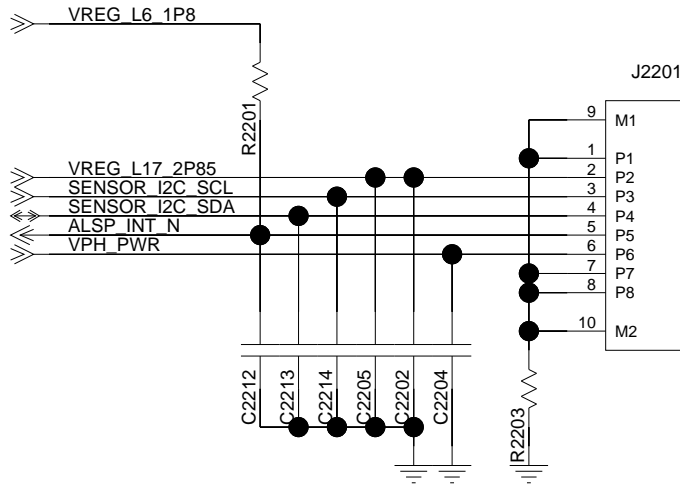
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22. Sensor

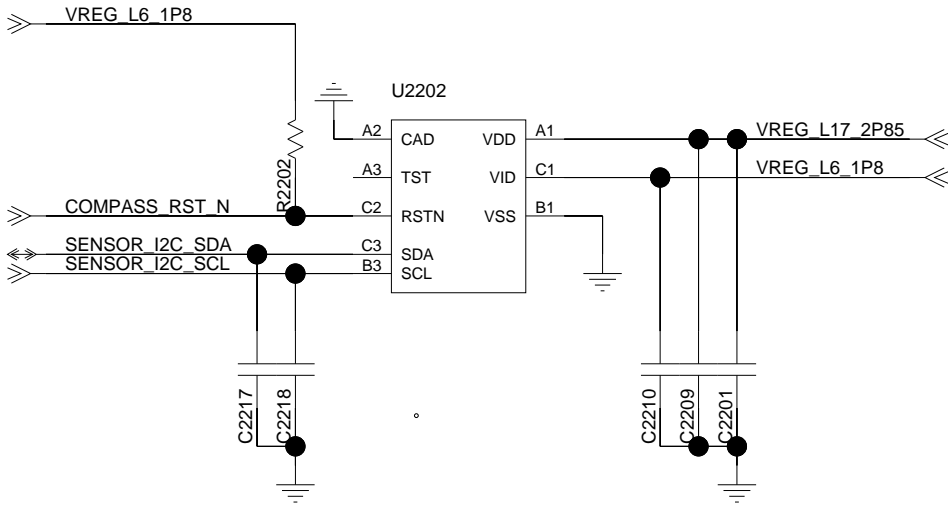
Accelerometer



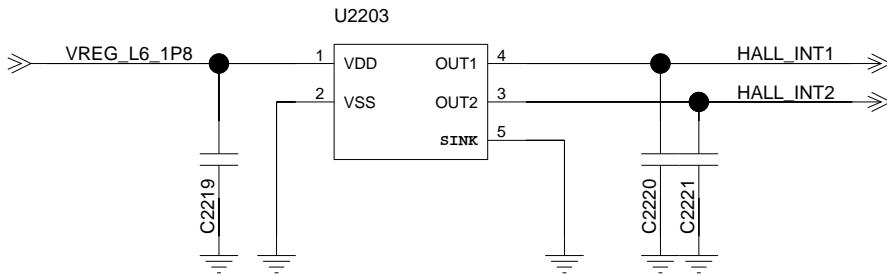
Proximity 38140107



Compass



Hall

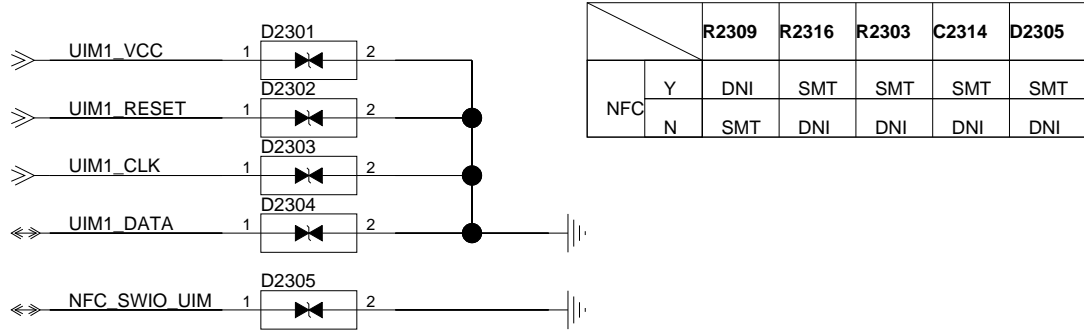
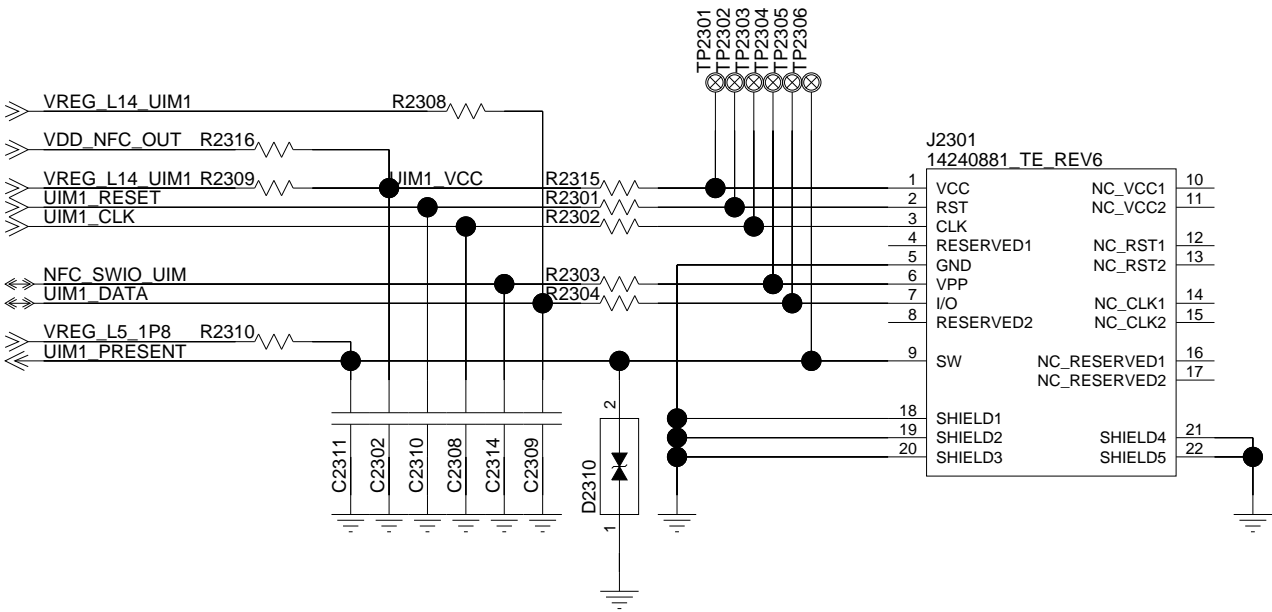


The type and specification of the components refer to the BOM

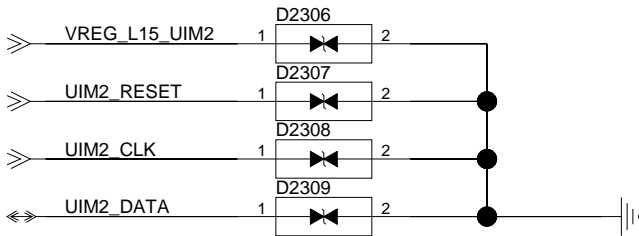
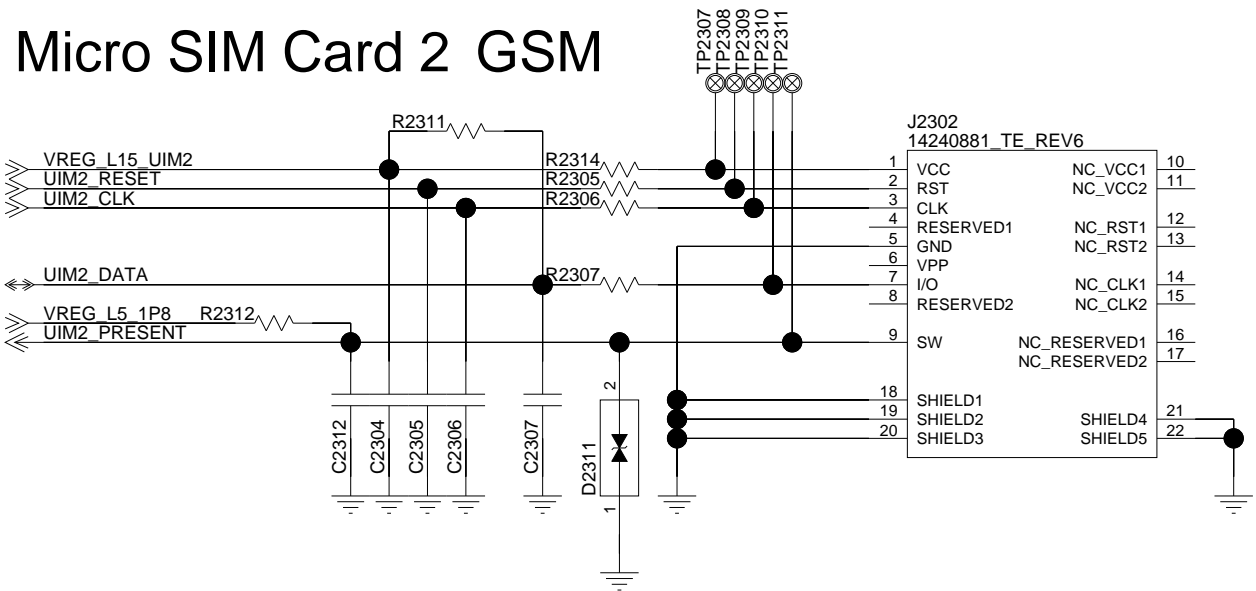
				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	22_Sensor 69
		D	03022XCA	HUAWEI TECH CO.,LTD.	

23. SIM/TF Card

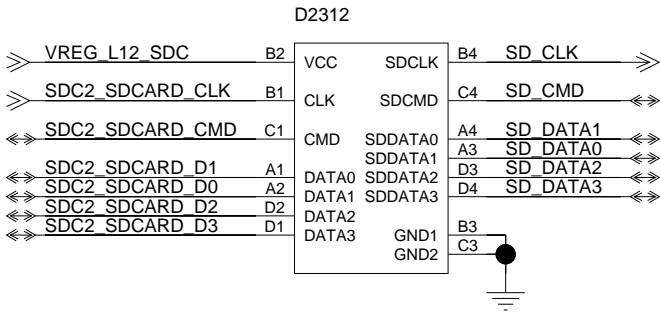
Micro SIM Card 1 TDL/UL/TDS/WCDMA/CDMA/GSM



Micro SIM Card 2 GSM

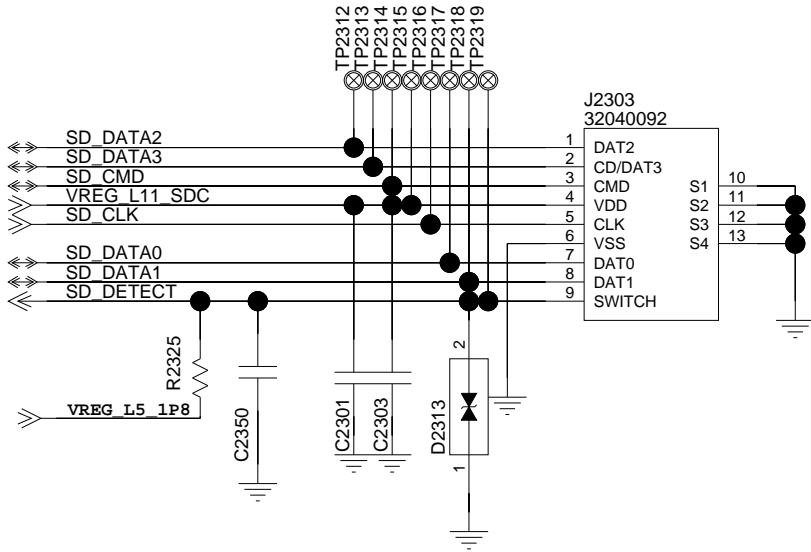


TF Card EMI/ESD



CAD Note: A1,A2 swap, A3,A4 swap for layout requirement

TF Card

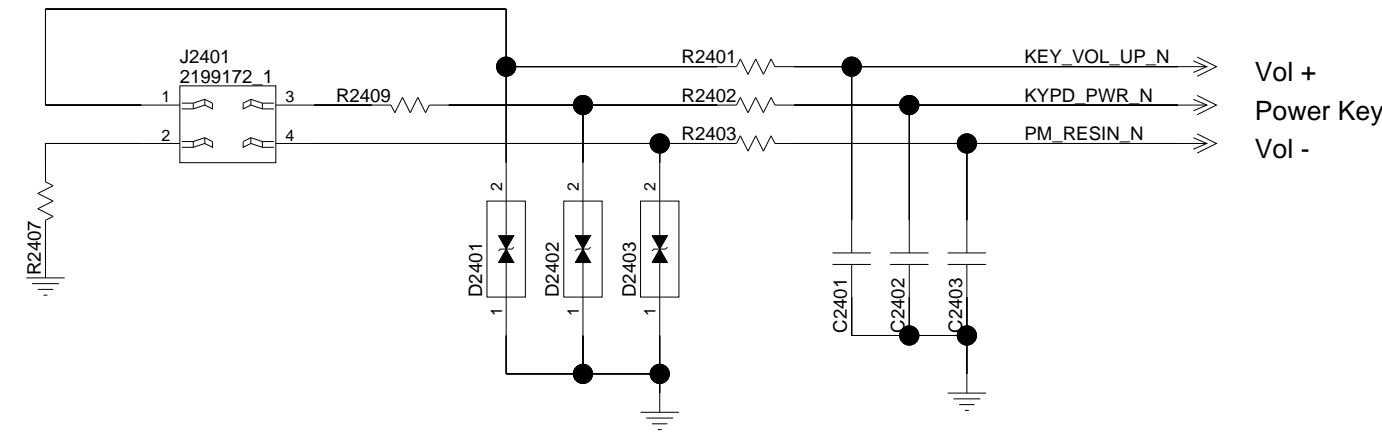


The type and specification of the components refer to the BOM

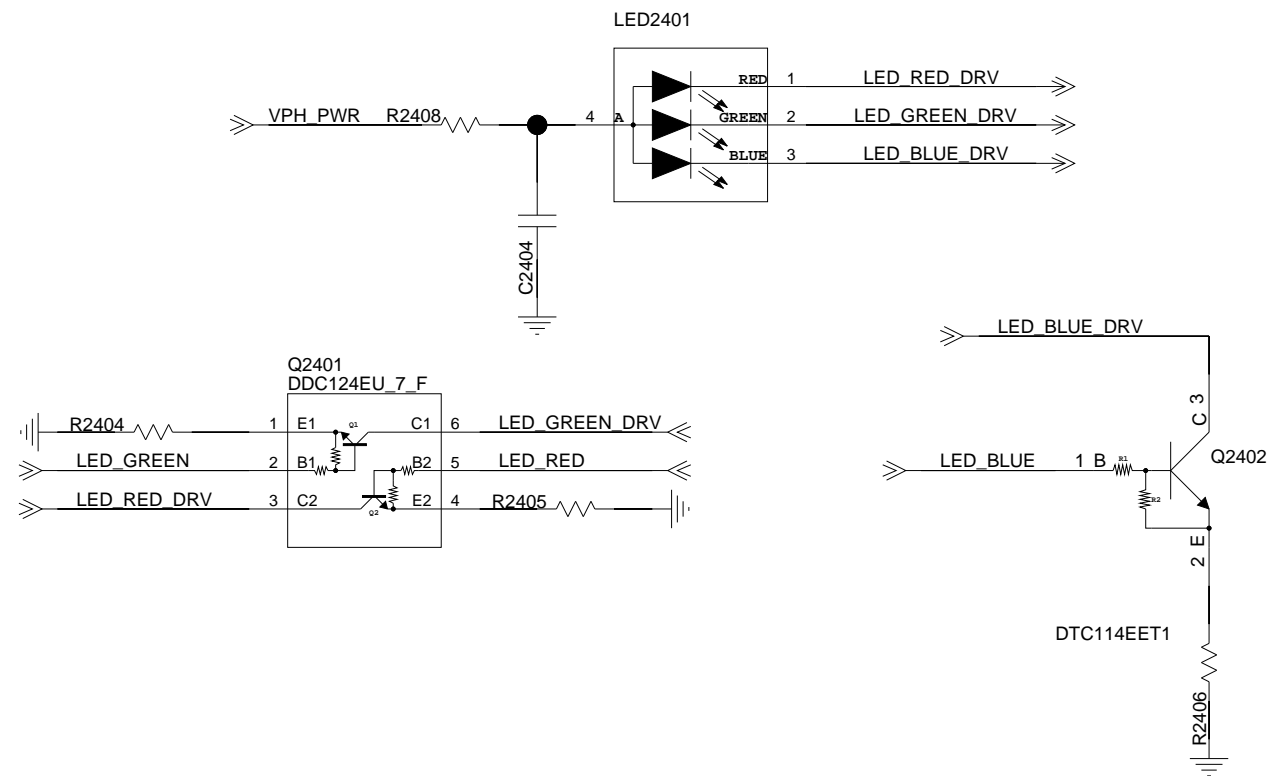
				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 23_SIM/TF Card	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

24. Sidekey/Status indicator

Side Key



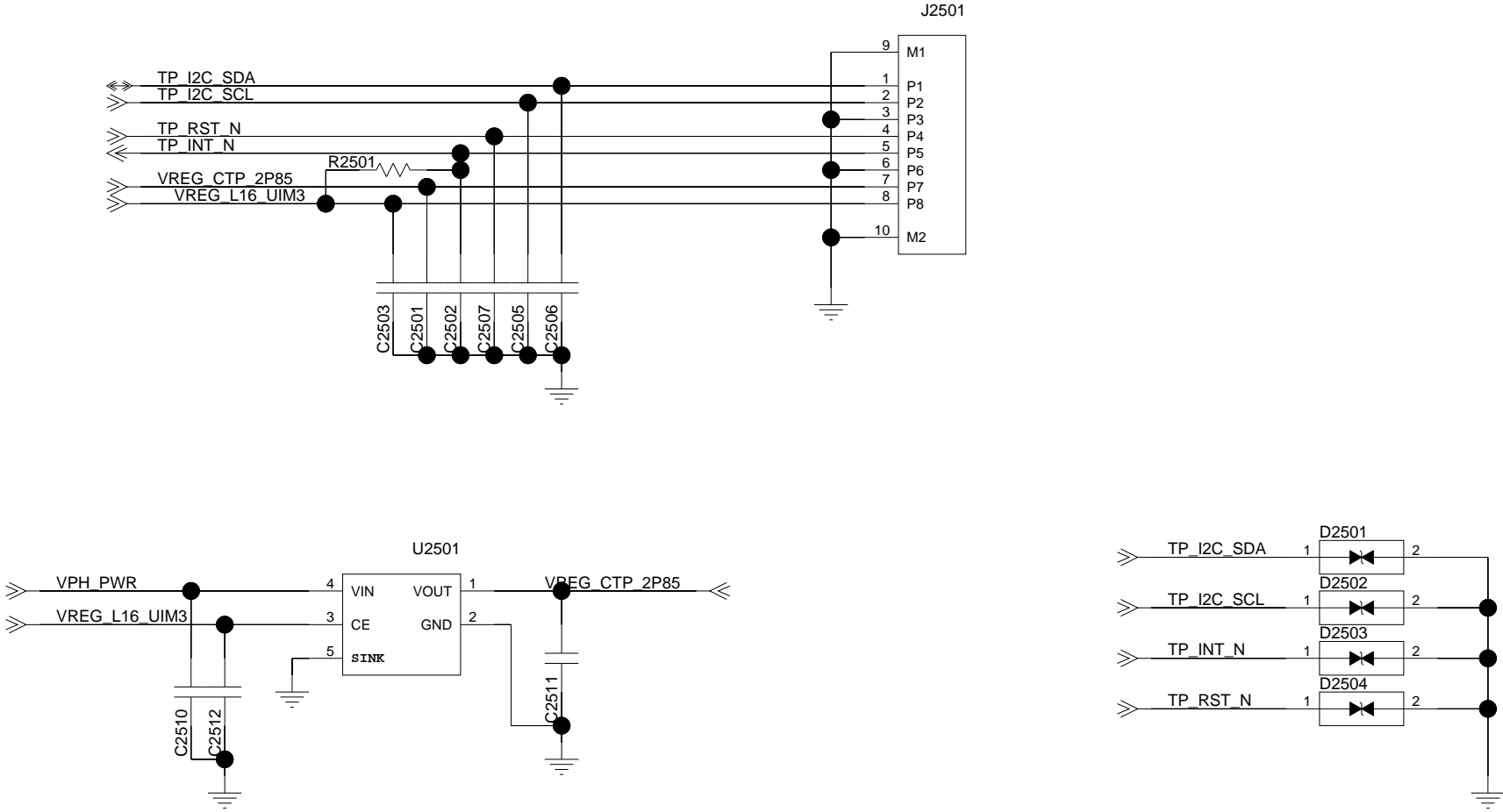
Status indicator



The type and specification of the components refer to the BOM

				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	24_Sidekey/Status indicator
		D	03022XCA	HUAWEI TECH CO.,LTD.	

25. CTP

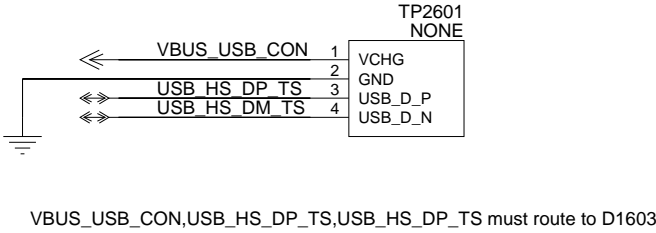
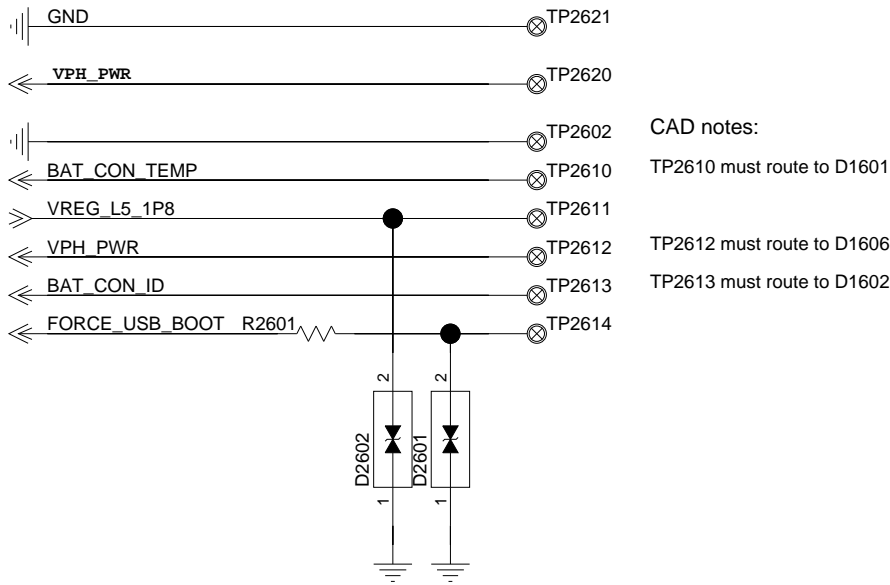


The type and specification of the components refer to the BOM

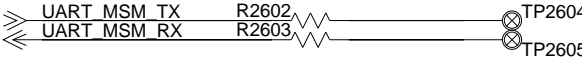
				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	25_CTP 69
		D	03022XCA	HUAWEI TECH CO.,LTD.	

26. Test Points/GND/Shields

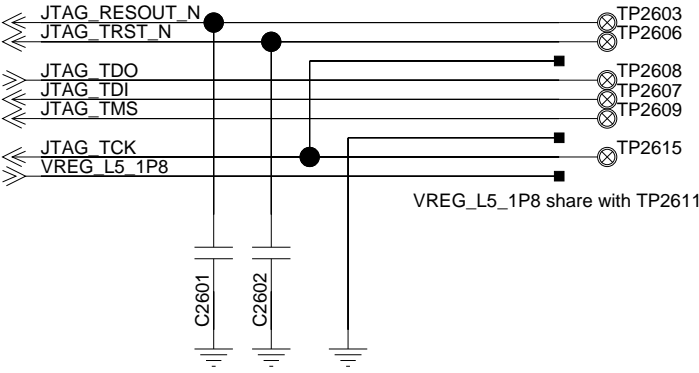
CT BT



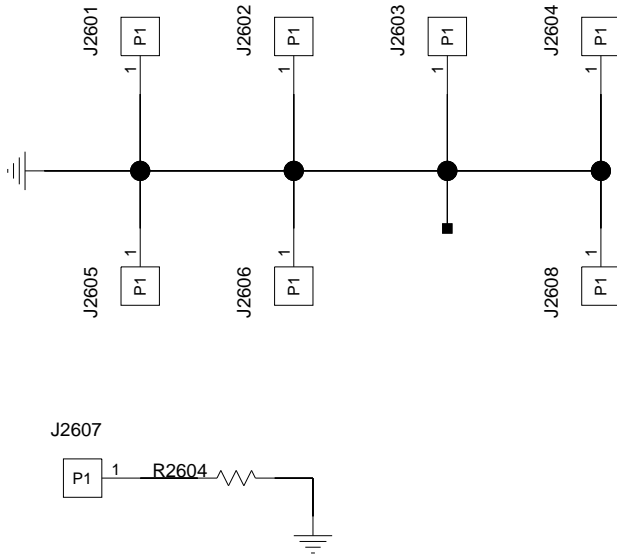
Debug UART



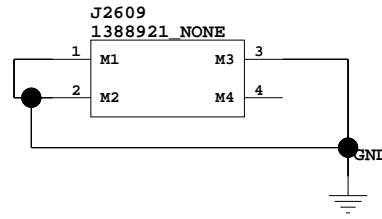
JTAG



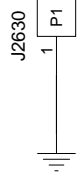
GND springs



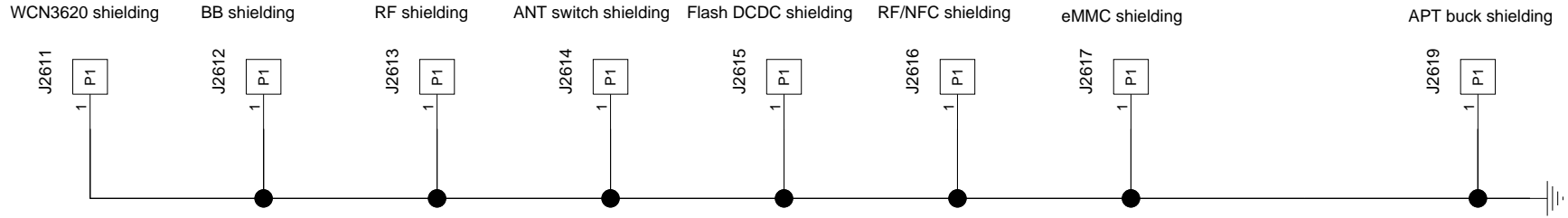
Front Camera Holder



MD-HOLD-EJ



Shielding



The type and specification of the components refer to the BOM

				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	26_Test Points/GND/Shields
		D	03022XCA	HUAWEI TECH CO.,LTD.	

27. Reserved

The type and specification of the components refer to the BOM

				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	27_Reserve69
		D	03022XCA	HUAWEI TECH CO.,LTD.	

28. Reserved

The type and specification of the components refer to the BOM

				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	28_Reserve69
		D	03022XCA	HUAWEI TECH CO.,LTD.	

29. Reserved

The type and specification of the components refer to the BOM

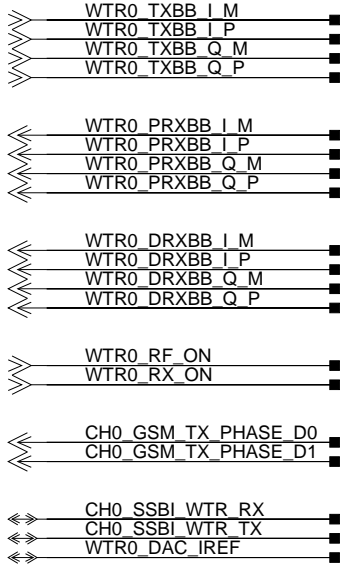
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				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	29_Reserve69
		D	03022XCA	HUAWEI TECH CO.,LTD.	

1	2	3	4	5	6
30. Reserved					
A					A
B					B
C					C
D					D
The type and specification of the components refer to the BOM					
				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	30_Reserved
		D	03022XCA	HUAWEI TECH CO.,LTD.	
1	2	3	4	5	6

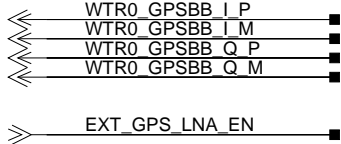
31.RF Interface

32. GSM/CDMA 1X (Voice) Antenna Switch
33. LTE/UMTS/TD/GSM Antenna Switcher
- 34 backup
- 35 backup
36. CDMA BC0(Voice) TRX
37. MMMBPA
38. MATCHING CIRCUIT of MMMBPA
39. TRX_LTE/UMTS_B1
40. TRX_UMTS_B2
41. TRX_UMTS_B5
- 42 TRX_LTE_B3
- 43 RX_GSM900
44. backup
45. backup
46. backup
- 47 TRX_TDD_B41
- 48 TRX_TDD_B40
- 49 TDL_RX Switch_B41/B40
50. backup
51. backup
52. backup
53. backup
- 54 WTR2605 CIRCUIT
- 55 WTR2605 POWER DISTRIBUTION
- 56.WTR1605L
57. WTR 1605L PWR
58. ET_APT
59. GPS
60. WCN3620 BB
61. WCN3620 RF
62. backup
- 63.backup
- 64 DRX_LTE_B1_B3
- 65 DRX_LTE_B40_B41
66. backup
- 67.ANTENNA
- 68.CABLE

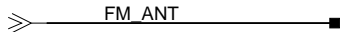
WTR0 RF Interface



WTR0 GPS Interface



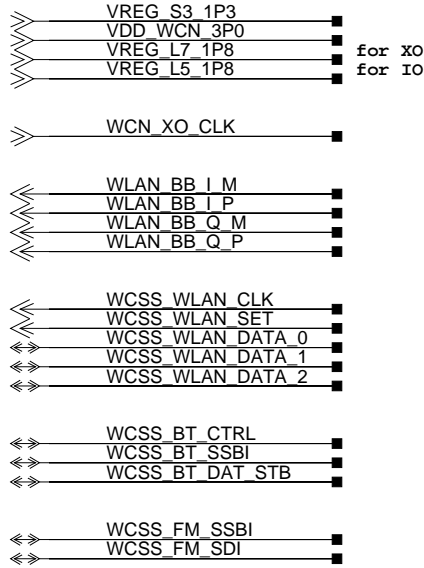
FM Interface



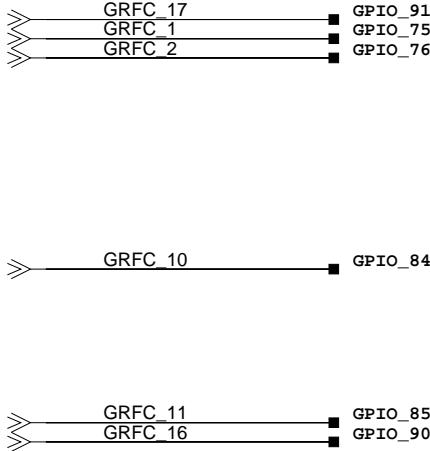
NFC Interface



WCN Interface



GPIO Interface



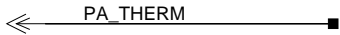
PWR Interface



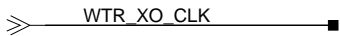
MIPI Interface



PA temperature



Clock Interface



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 31 OF 69	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

1

2

3

4

(5)

6

A

A

B

B

C

C

D

D

1

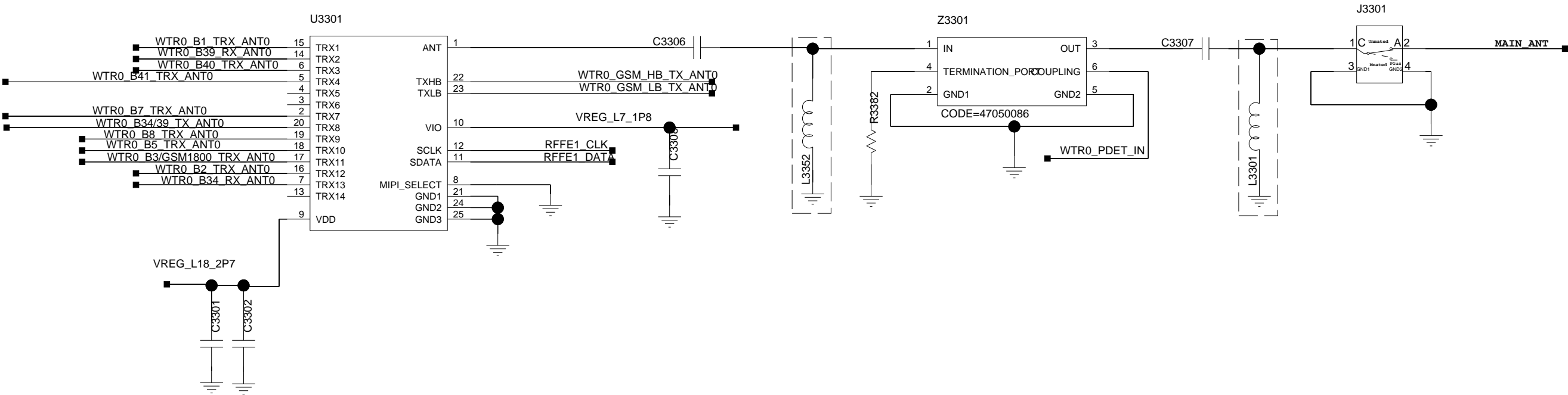
2

3

The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 32 OF 69	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

33.LTE/UMTS/TD/GSM Antenna Switcher



The type and specification of the components refer to the BOM					
				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	33_Main Antenna Switcher
		D	03022XCA	HUAWEI TECH CO.,LTD.	

1	2	3	4	5	6
34					
A					A
B					B
C					C
D					D
1	2	3	4	5	6

The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 34 OF 69	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

A

A

B

B

C

C

D

D

The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 35 OF 69	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

1

2

3

4

5

6

A

B

C

D

The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 36 OF 69	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

1

2

3

4

5

6

A

B

C

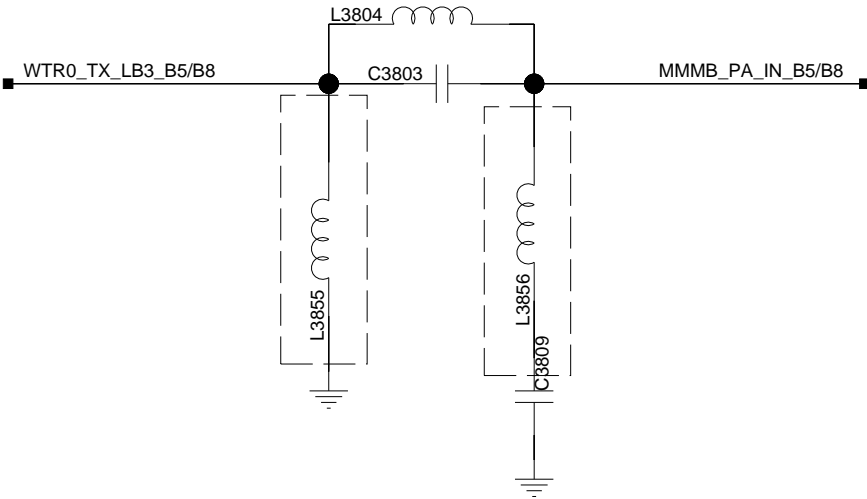
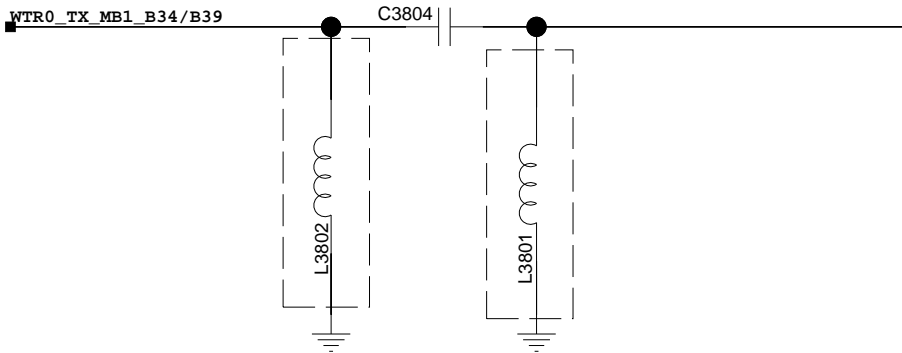
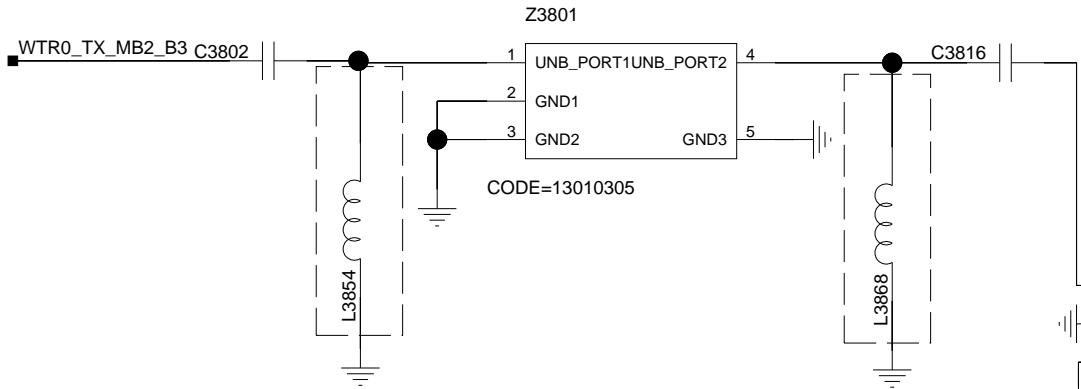
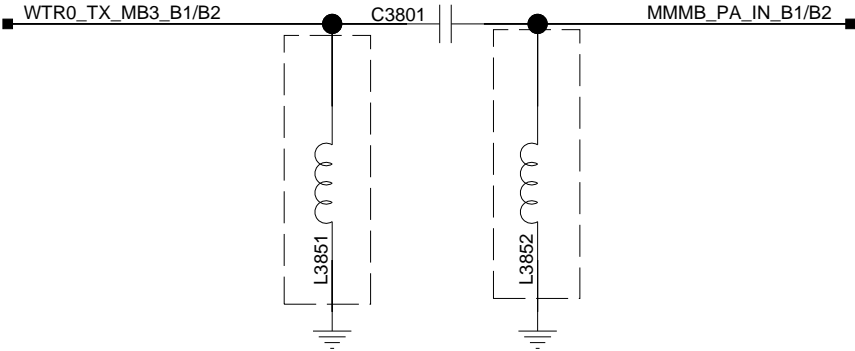
D



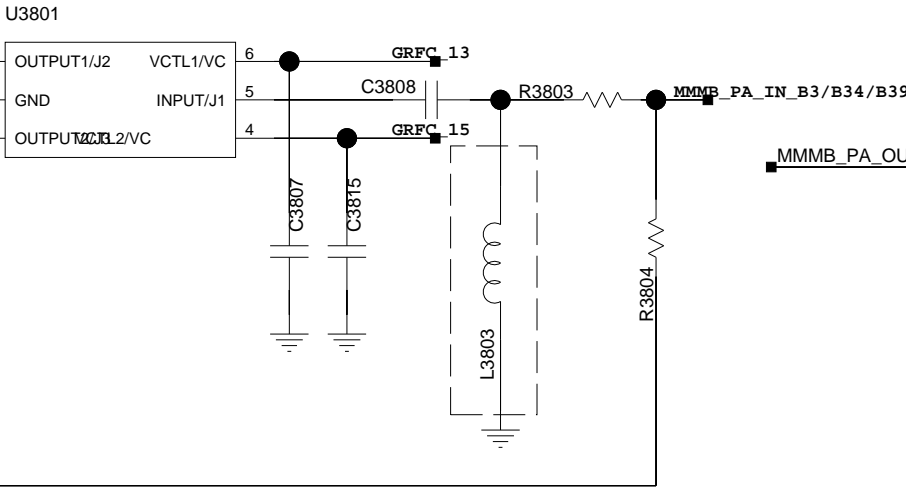
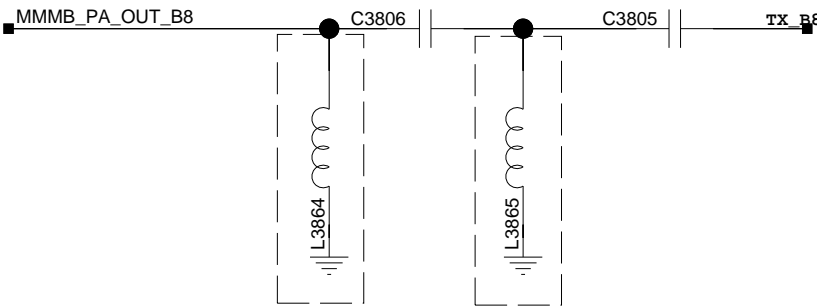
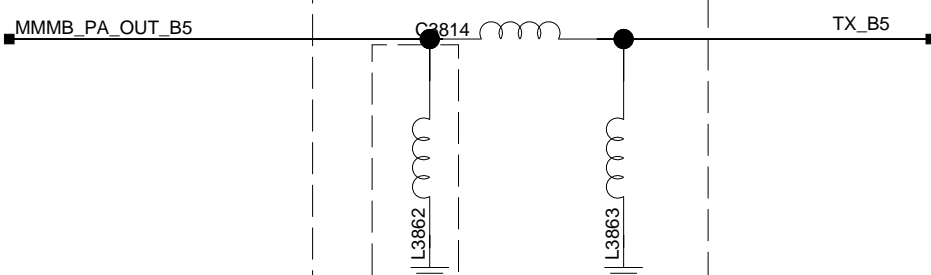
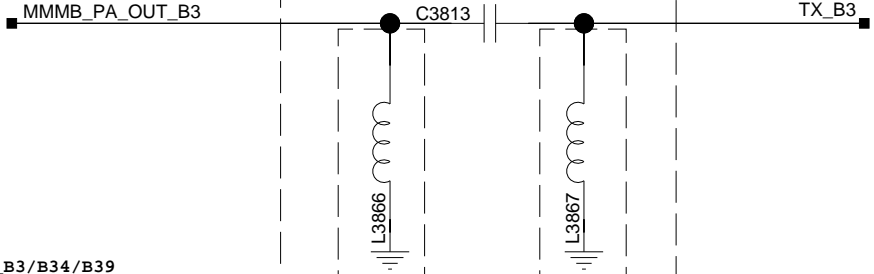
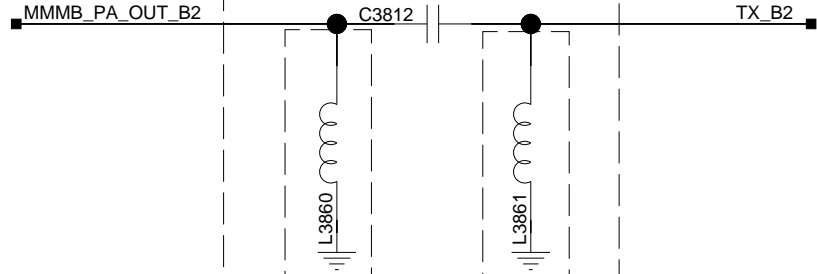
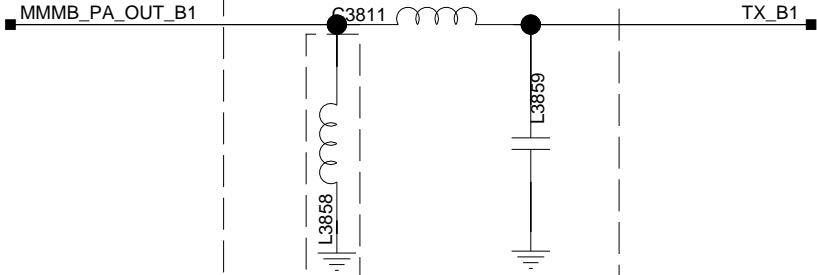
				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	37_MDMB_0A
		D	03022XCA	HUAWEI TECH CO.,LTD	

38 MATCHING CIRCUIT of MMMBPA

Close to WTR1605L



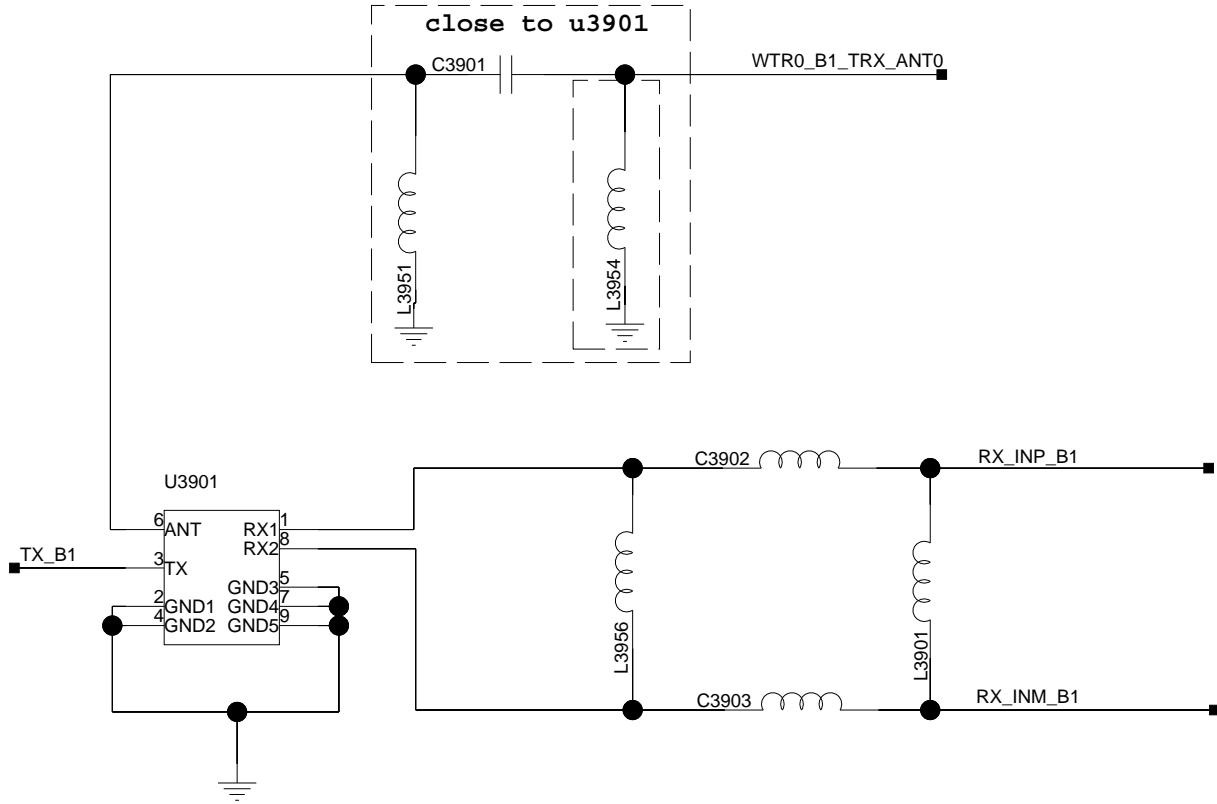
Close to MMB PA



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	38_MATCHING_CIRCUIT_of
		D	03022XCA	HUAWEI TECH CO.,LTD.	

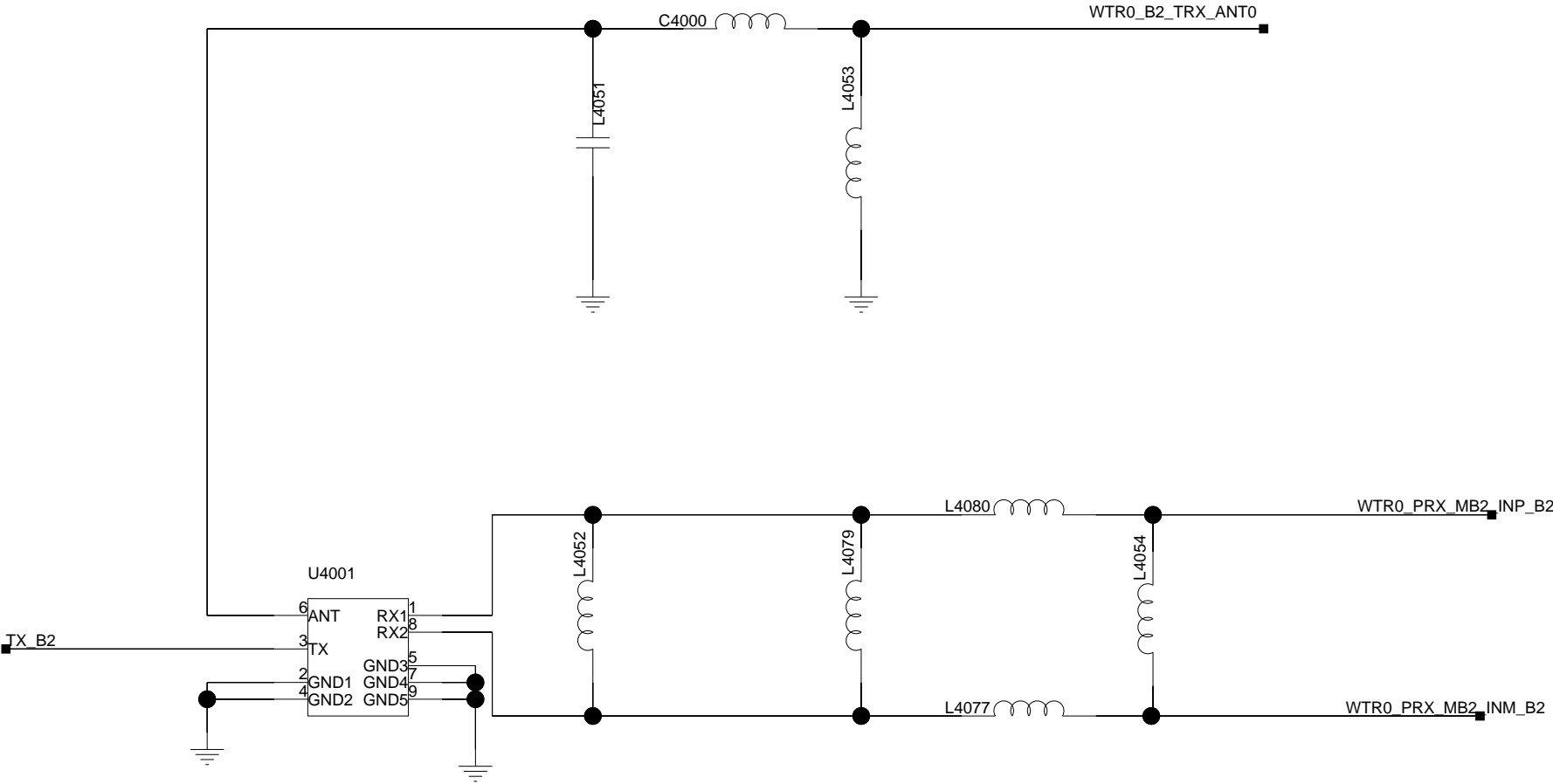
39 TRX_UMTS_B1



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	39_TRX_UMTS_B1
		D	03022XCA	HUAWEI TECH CO.,LTD.	

40 TRX_UMTS_B2

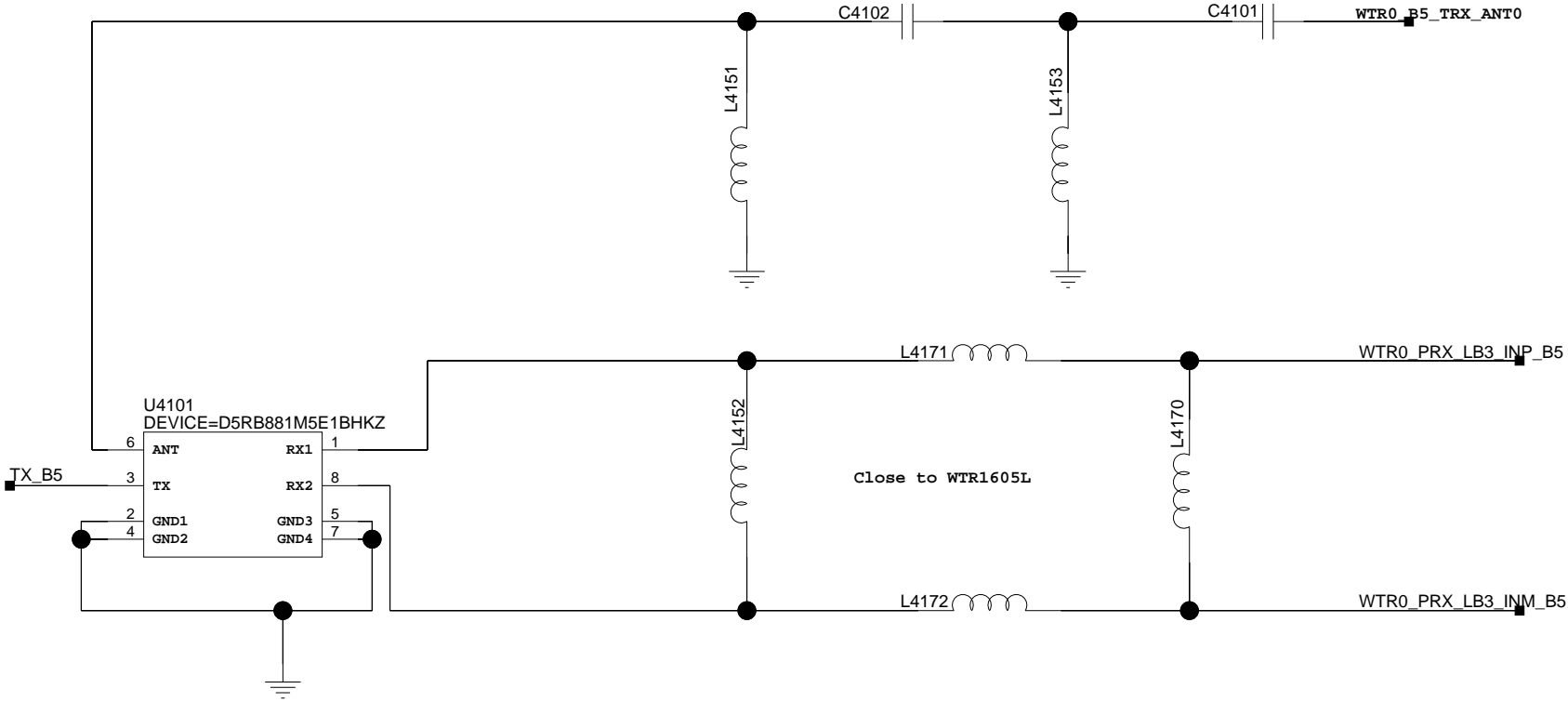


Closer to WTR Rx ports

The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	40 TRX_UMTS_B2
		D	03022XCA	HUAWEI TECH CO.,LTD.	

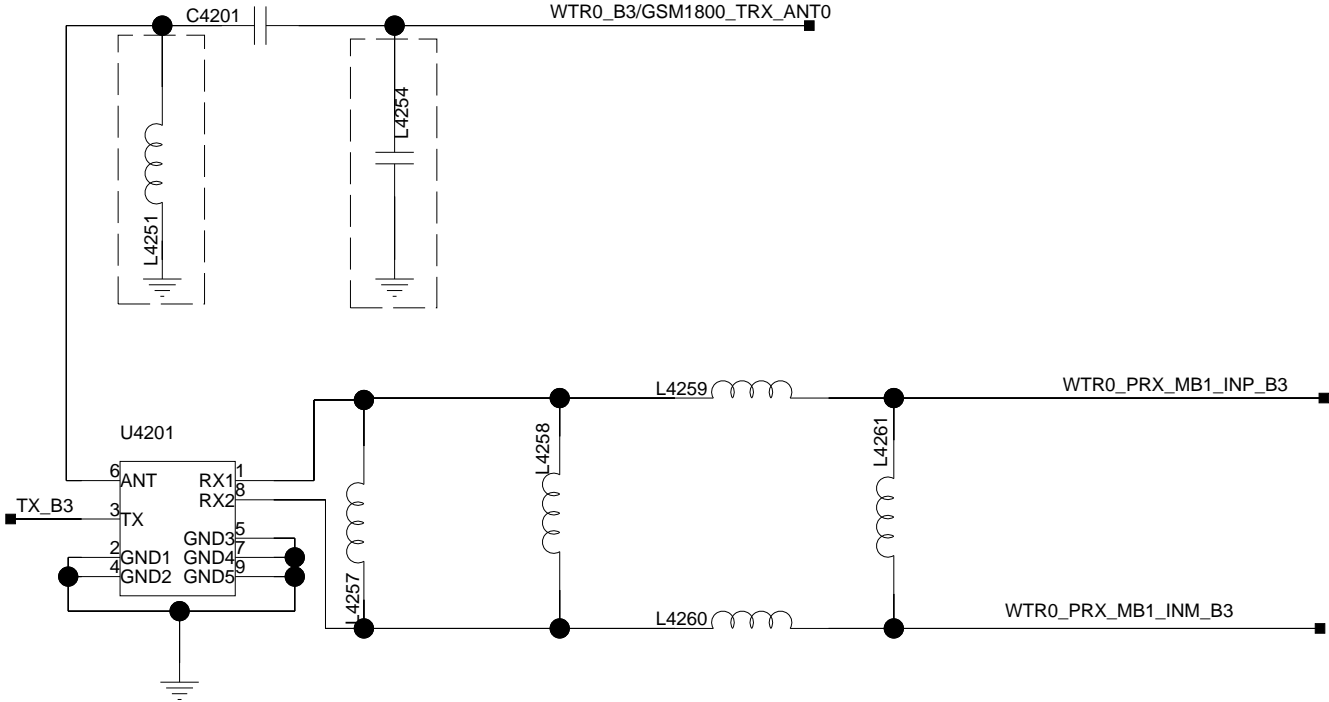
41 TRX_UMTS_B5/B20



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	41 TRX_UMTS_B5/B20
		D	03022XCA	HUAWEI TECH CO.,LTD.	

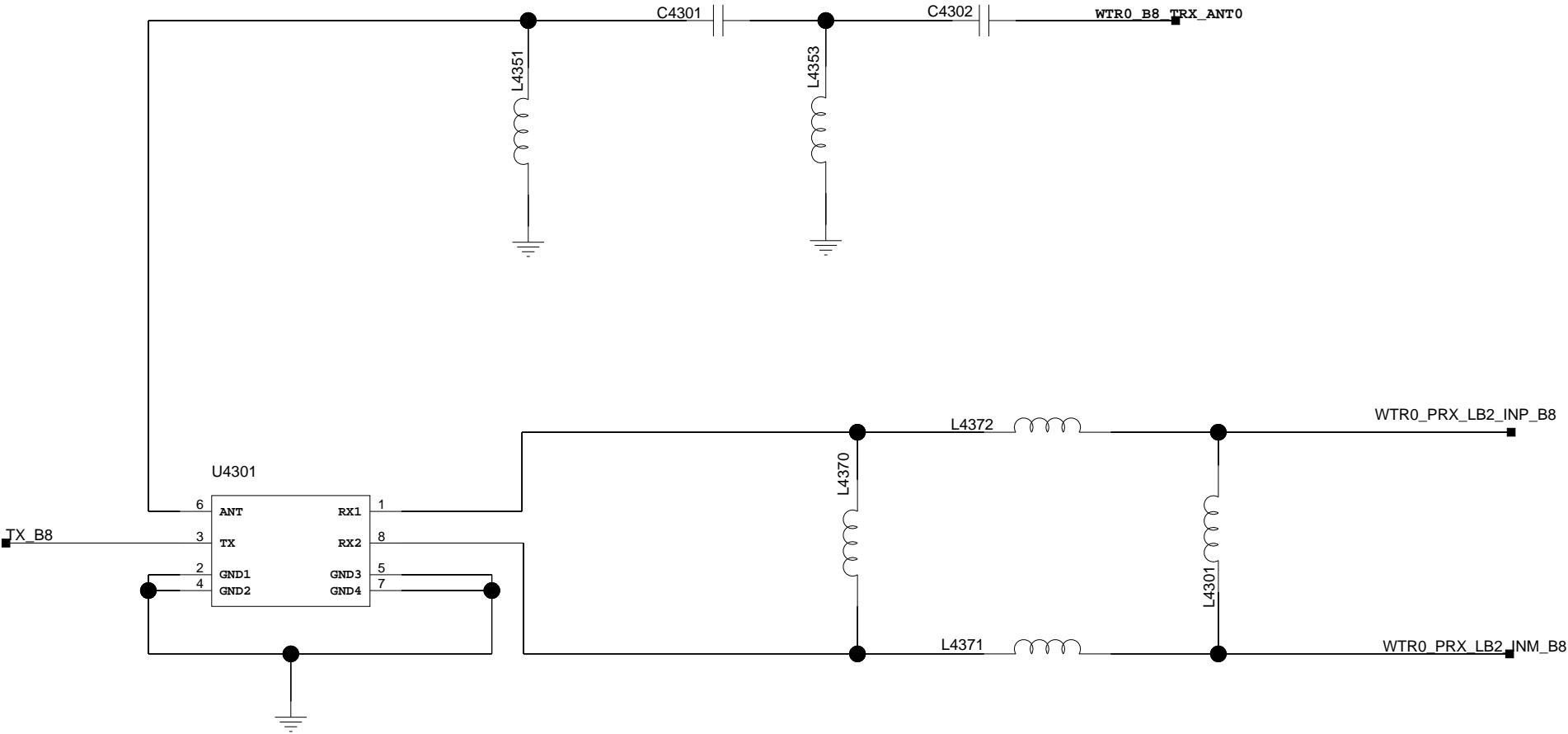
42 TRX_LTE_B3



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	42_TRX_LTE_B3
		D	03022XCA	HUAWEI TECH CO.,LTD.	

43 TRX_UMTS_B8

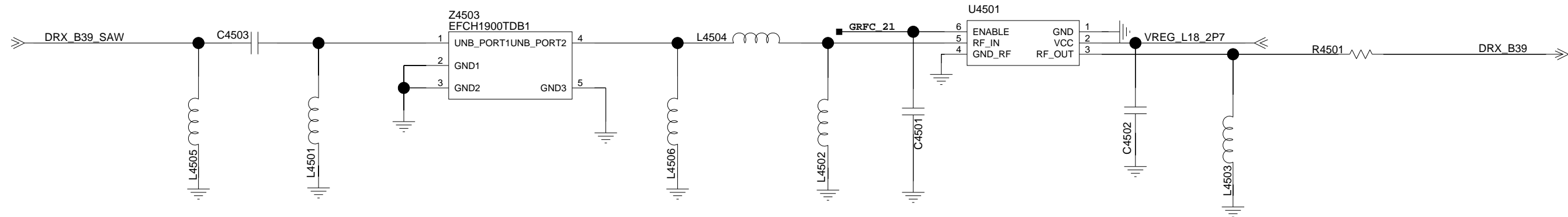
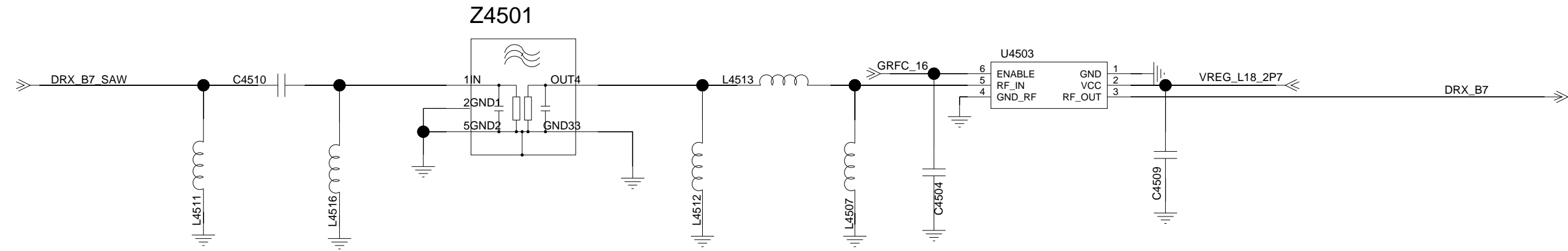
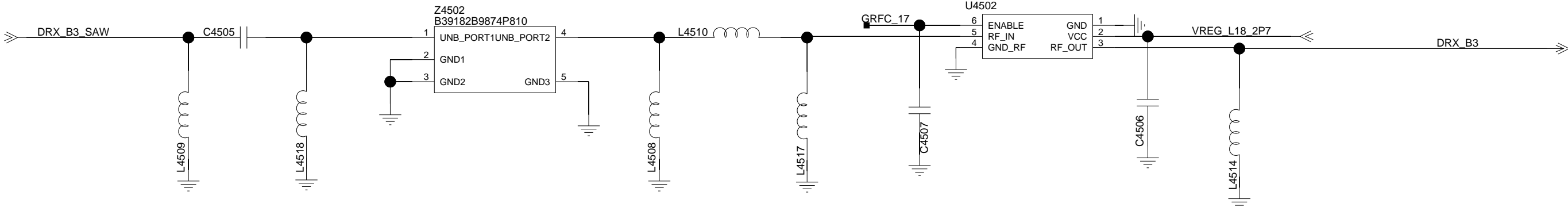


The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	43 TRX_UMTS_B8
		D	03022XCA	HUAWEI TECH CO.,LTD.	

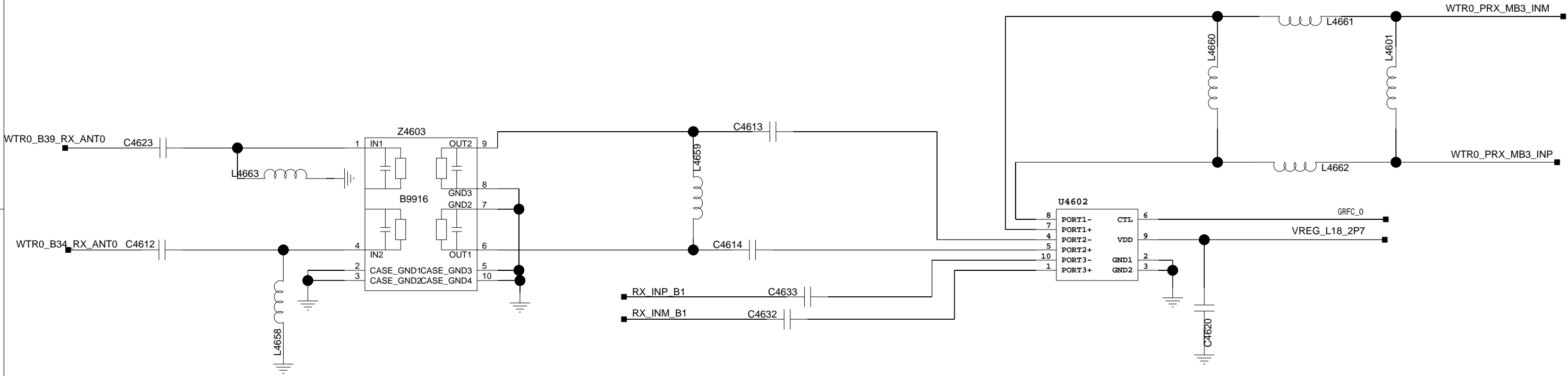
1	2	3	4	5	6
44					
A					
B					
C					
D					
The type and specification of the components refer to the BOM					
				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 44 OF 69	
		D	03022XCA	HUAWEI TECH CO.,LTD.	
1	2	3	4	5	6

45 DRX_LNA



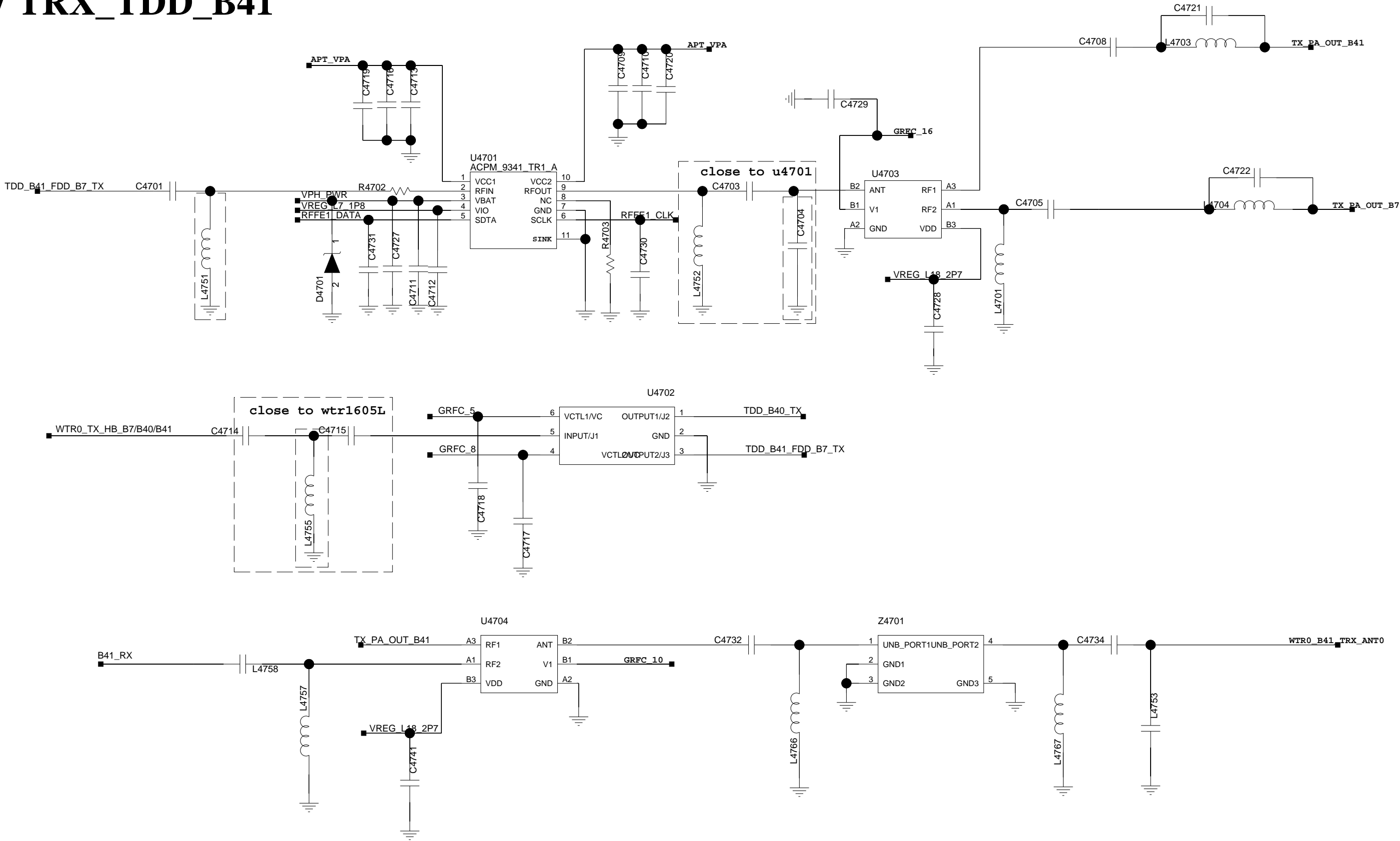
The type and specification of the components refer to the BOM					
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				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	45 DRX_LNA
		D	03022XCA	HUAWEI TECH CO.,LTD.	

46 TRX_TDS_B34/B39



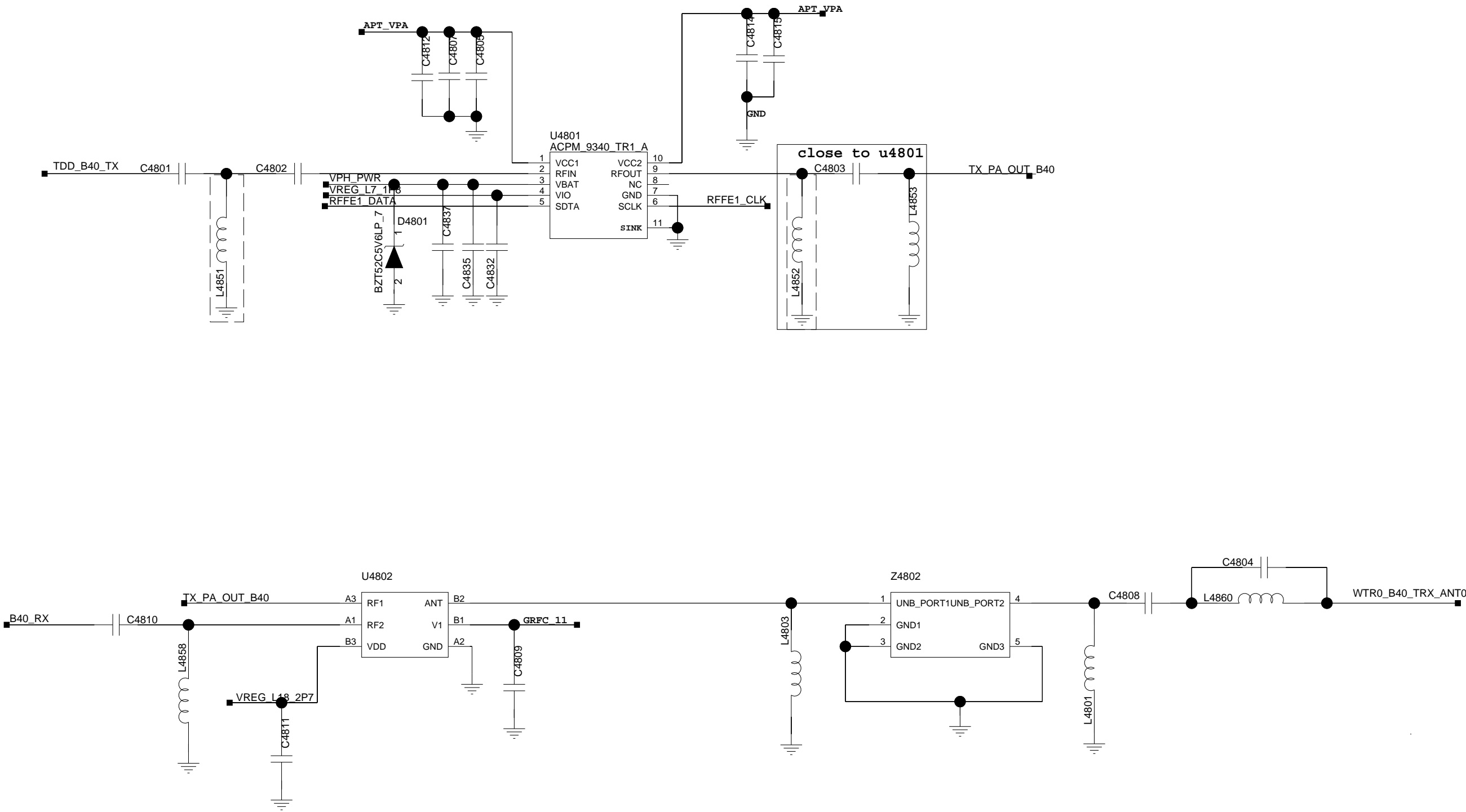
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				ECA NO	2014-5-27
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	46_TRX_TDS_B34/B39
		D	03022XCA	HUAWEI TECH CO.,LTD.	

47 TRX_TDD_B41



The type and specification of the components refer to the BOM					
				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	47 TRX_TDD_B41
		D	03022XCA	HUAWEI TECH CO.,LTD.	

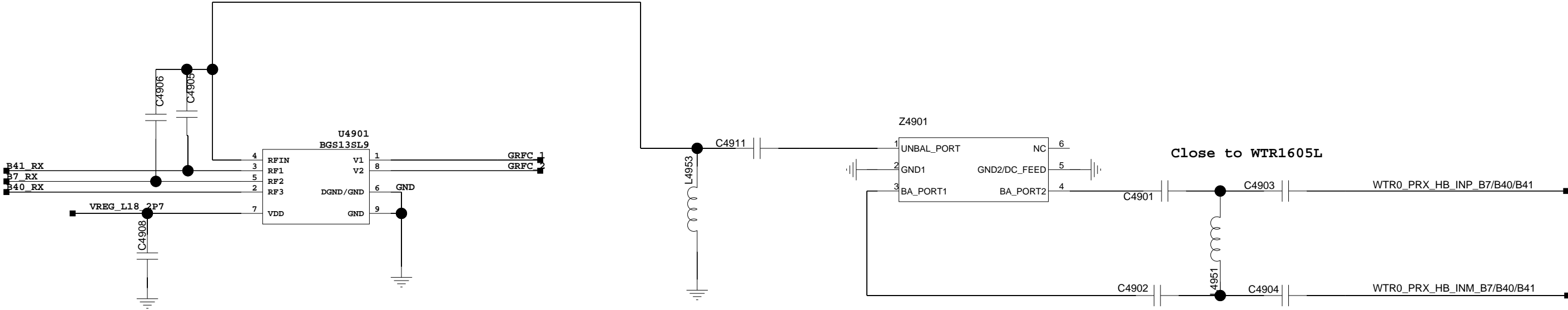
48 TRX_TDD_B40



The type and specification of the components refer to the BOM

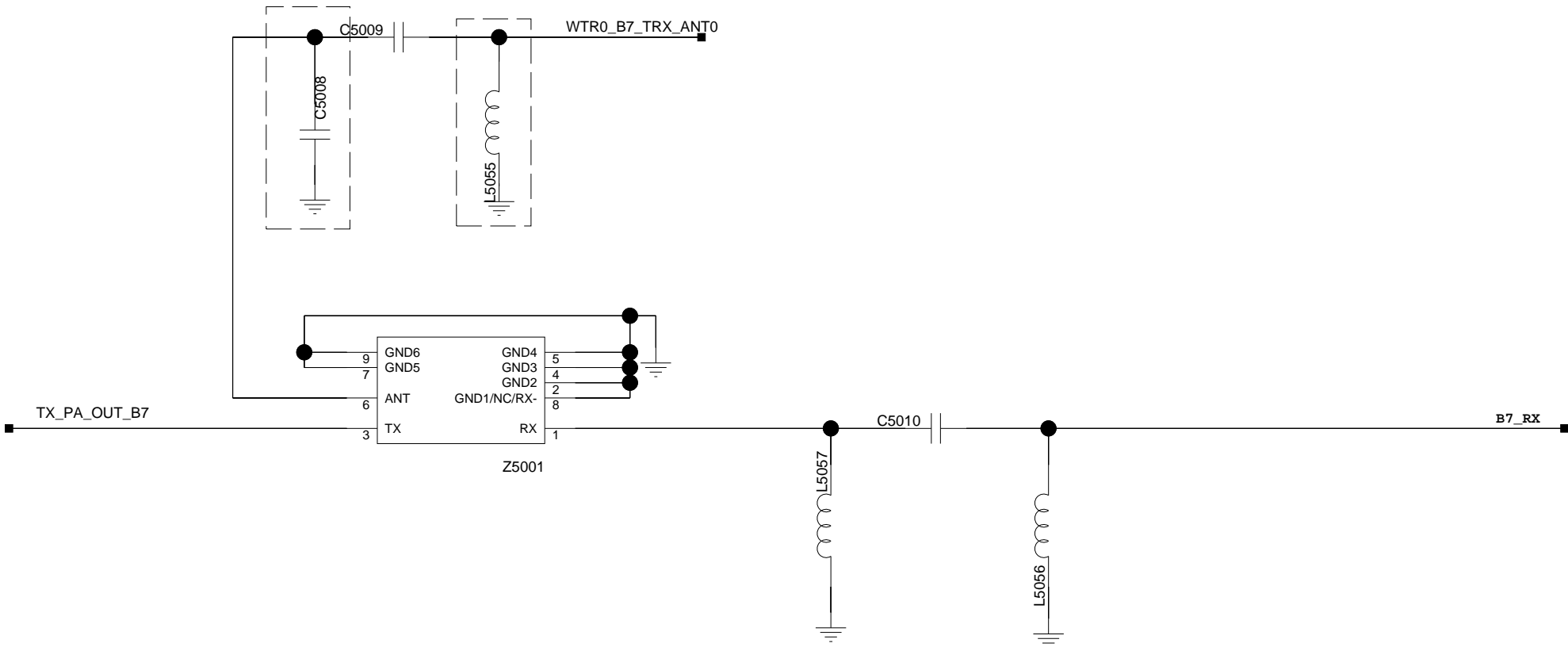
				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	48_TRX_TDD_B40
		D	03022XCA	HUAWEI TECH CO.,LTD.	

49 RX Switch_B7/B38/B40/B41



The type and specification of the components refer to the BOM					
				NA	10-09-2014_15:44
				ECA NO	2014-5-27
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	49_RX Switch_B7/B38/B40/B41
		D	03022XCA	HUAWEI TECH CO.,LTD.	

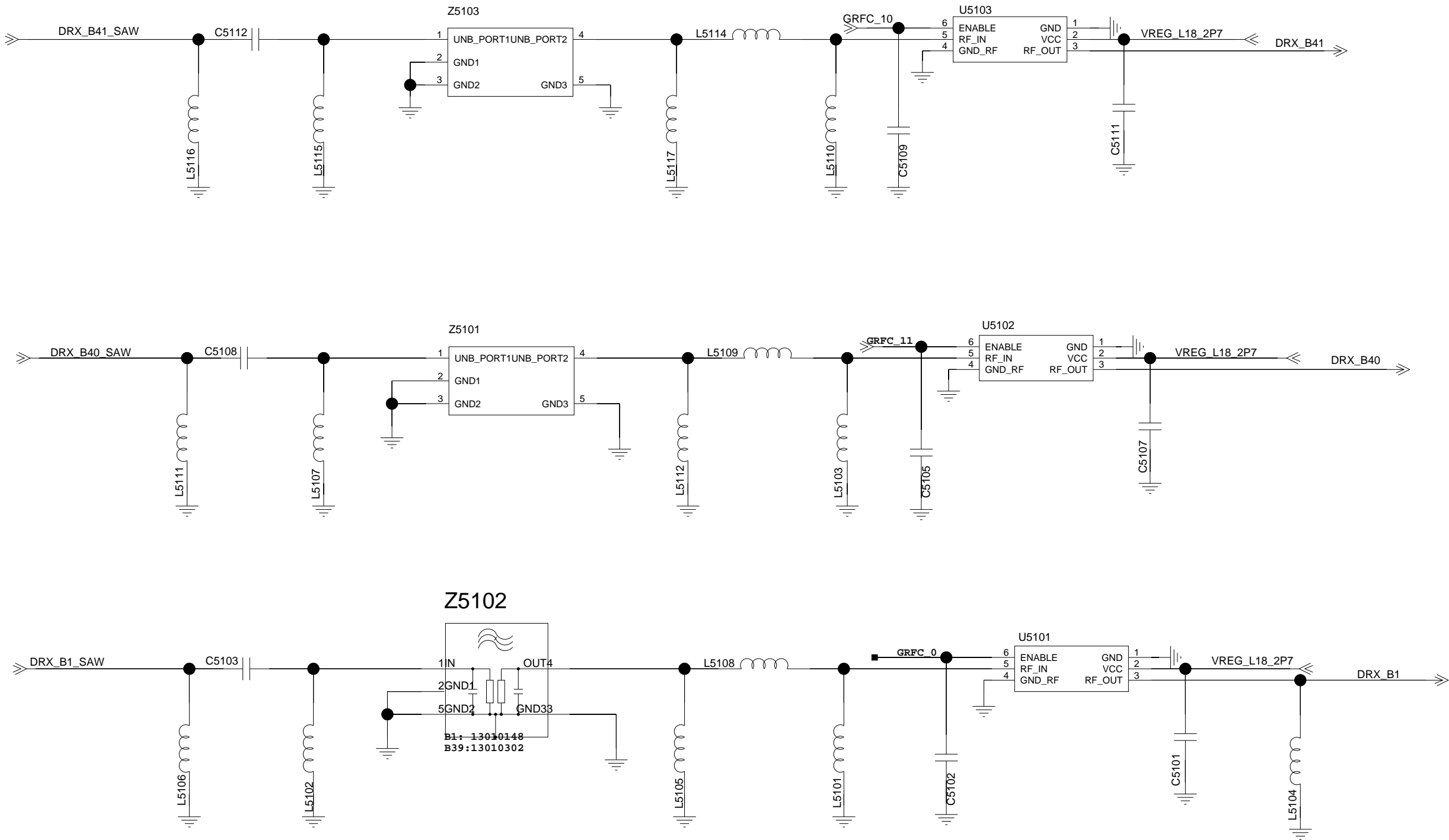
50 TRX_B7



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	50_TRX_B769
		D	03022XCA	HUAWEI TECH CO.,LTD.	

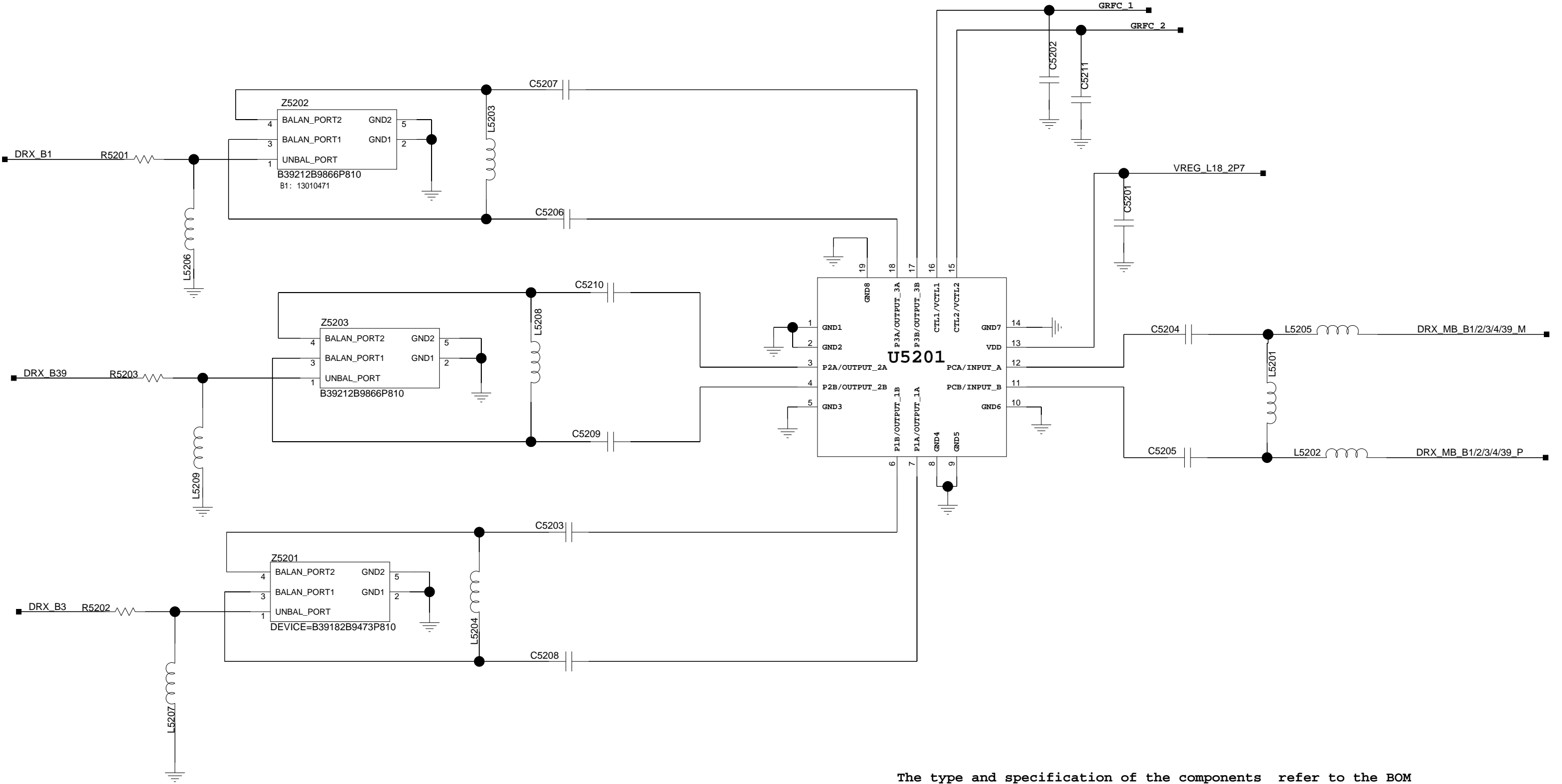
51 DRX LNA



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01 00248133		03022VNS_SCHZH	
REVIEWED	QIUHONGBING				
		VER	PART_NUMBER	SHEET 51_DRX_LNA	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

52 DRX B1/2/3/4/39

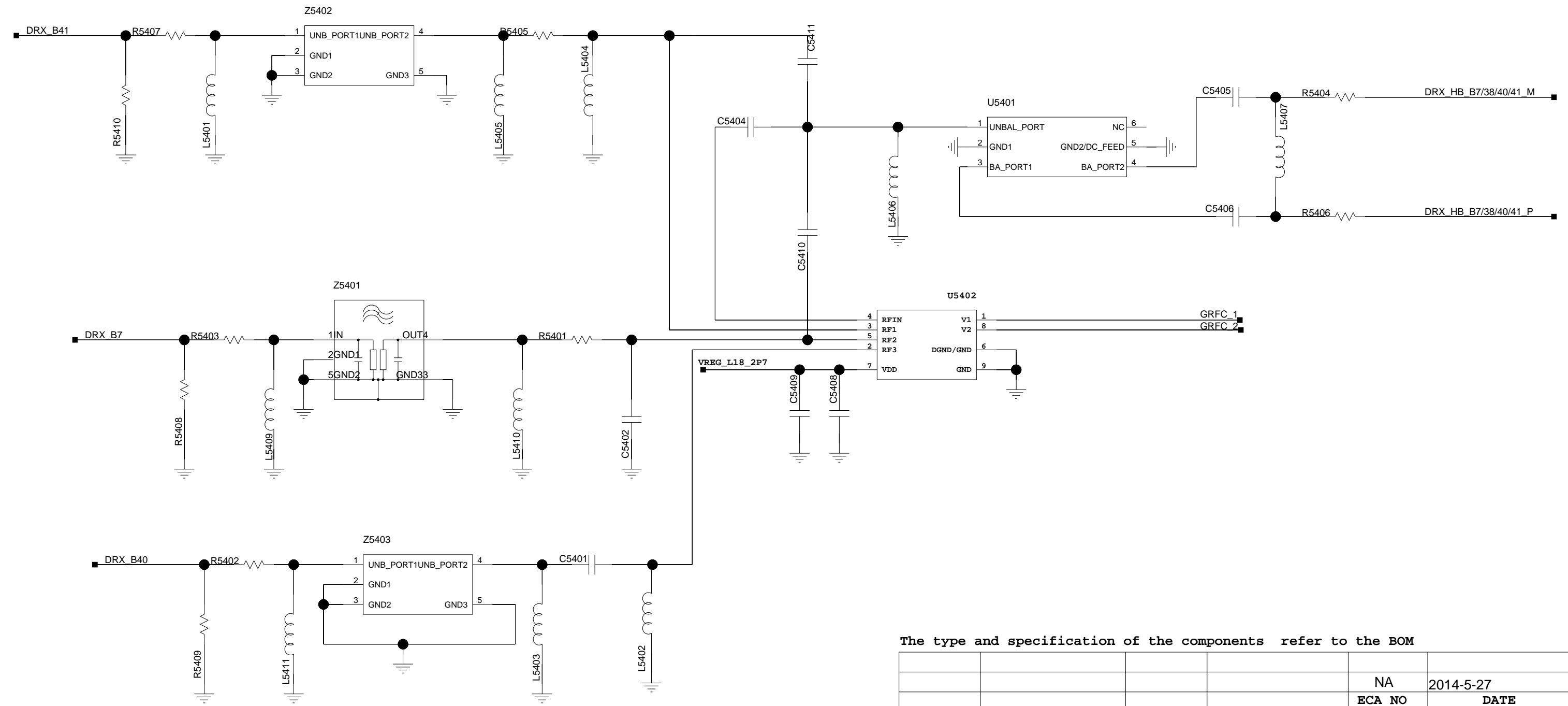


The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	52_DRX_B1/2/3/4/39
		D	03022XCA	HUAWEI TECH CO.,LTD.	

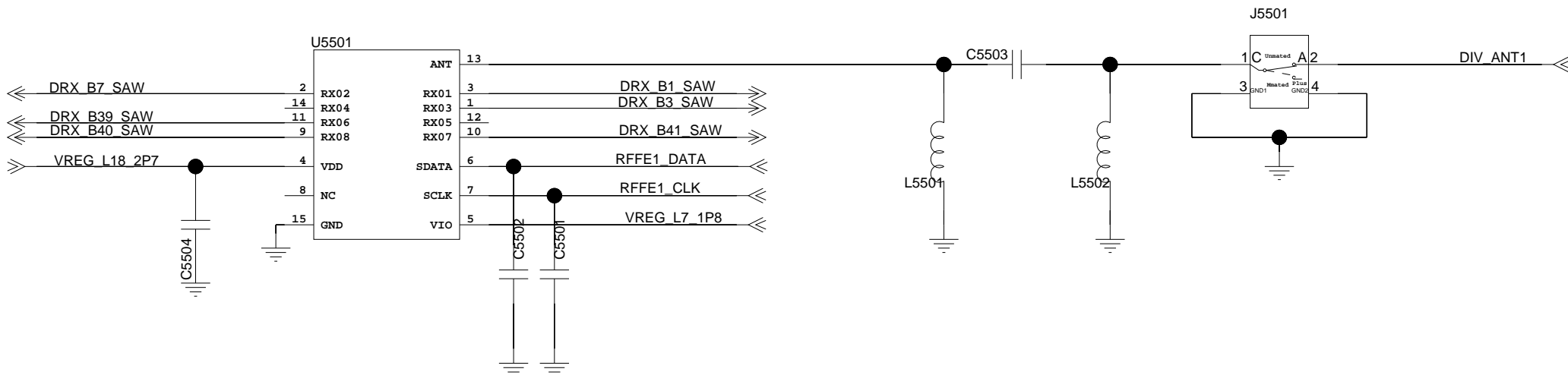
1	2	3	4	5	6
53 DRX B5/8/20					
A					A
B					B
C					C
D					D
The type and specification of the components refer to the BOM					
				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	53_DRX B5/8/20
		D	03022XCA	HUAWEI TECH CO.,LTD.	
1	2	3	4	5	6

54 DRX_B7/38/40/41



The type and specification of the components refer to the BOM					
				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	54 DRX_B7/38/40/41
		D	03022XCA	HUAWEI TECH CO.,LTD.	

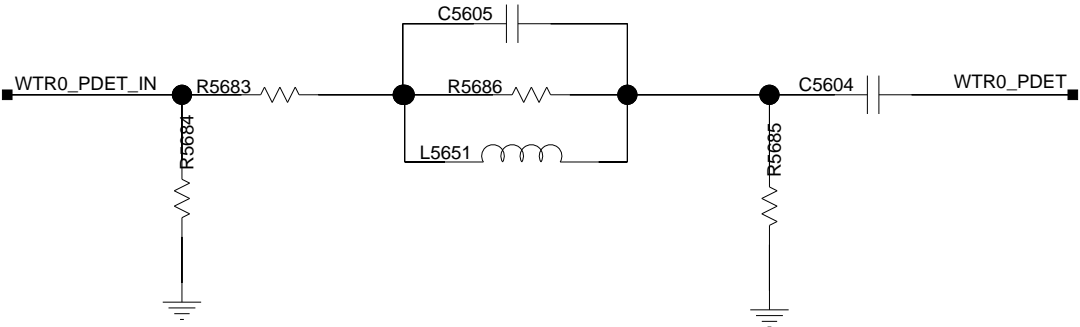
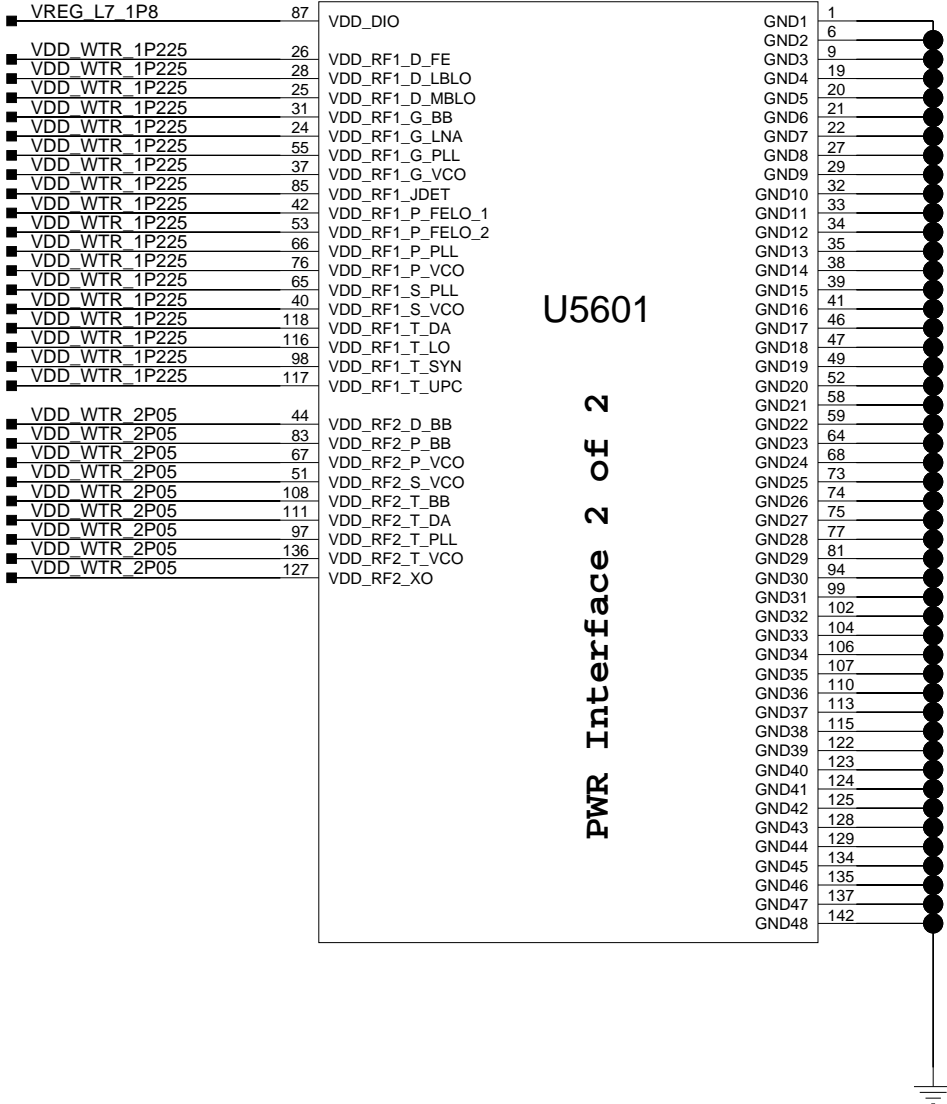
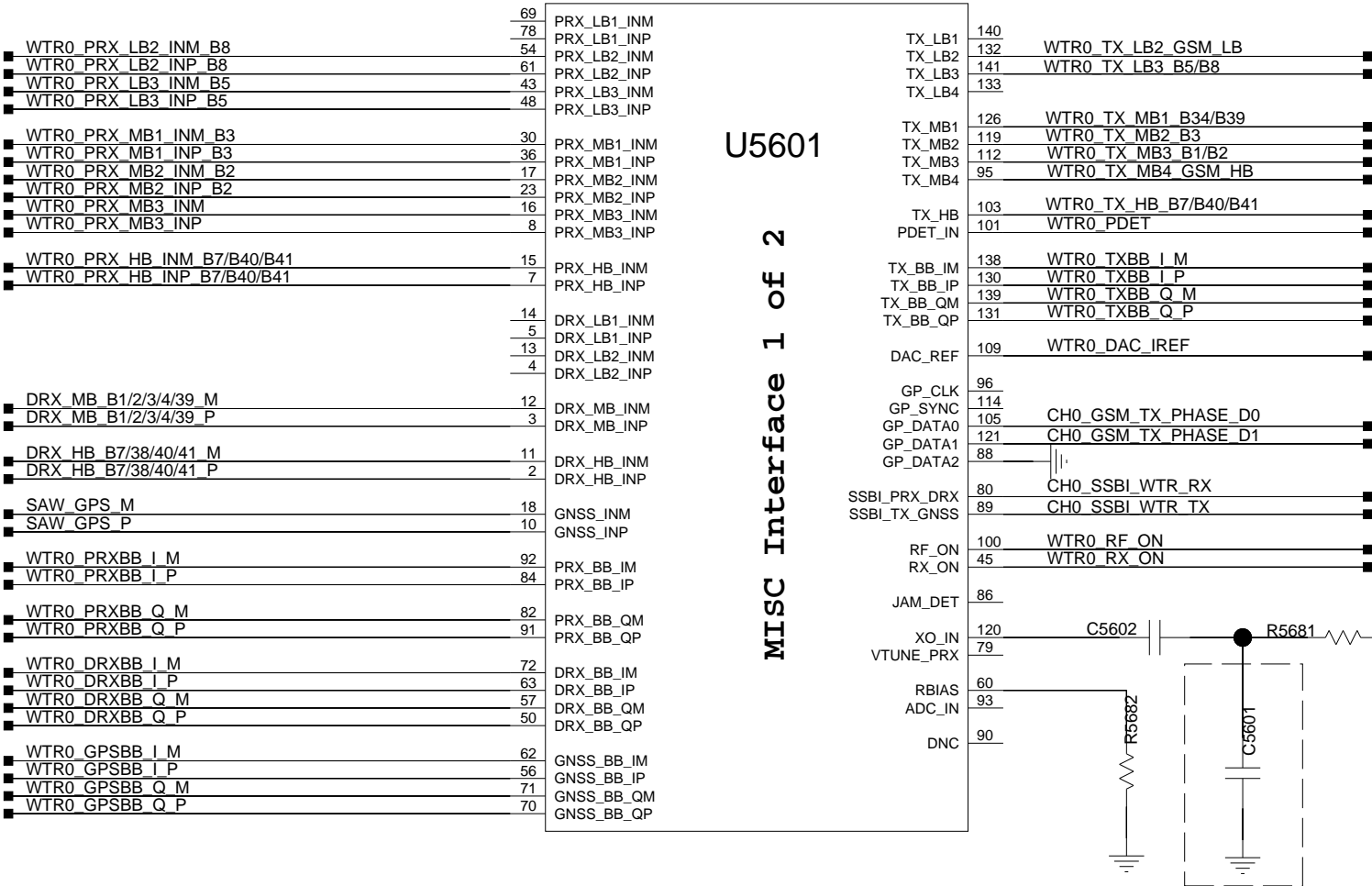
55 DRX_ANT_SWITCH



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	55_DRX_ANT_SWITCH
		D	03022XCA	HUAWEI TECH CO.,LTD.	

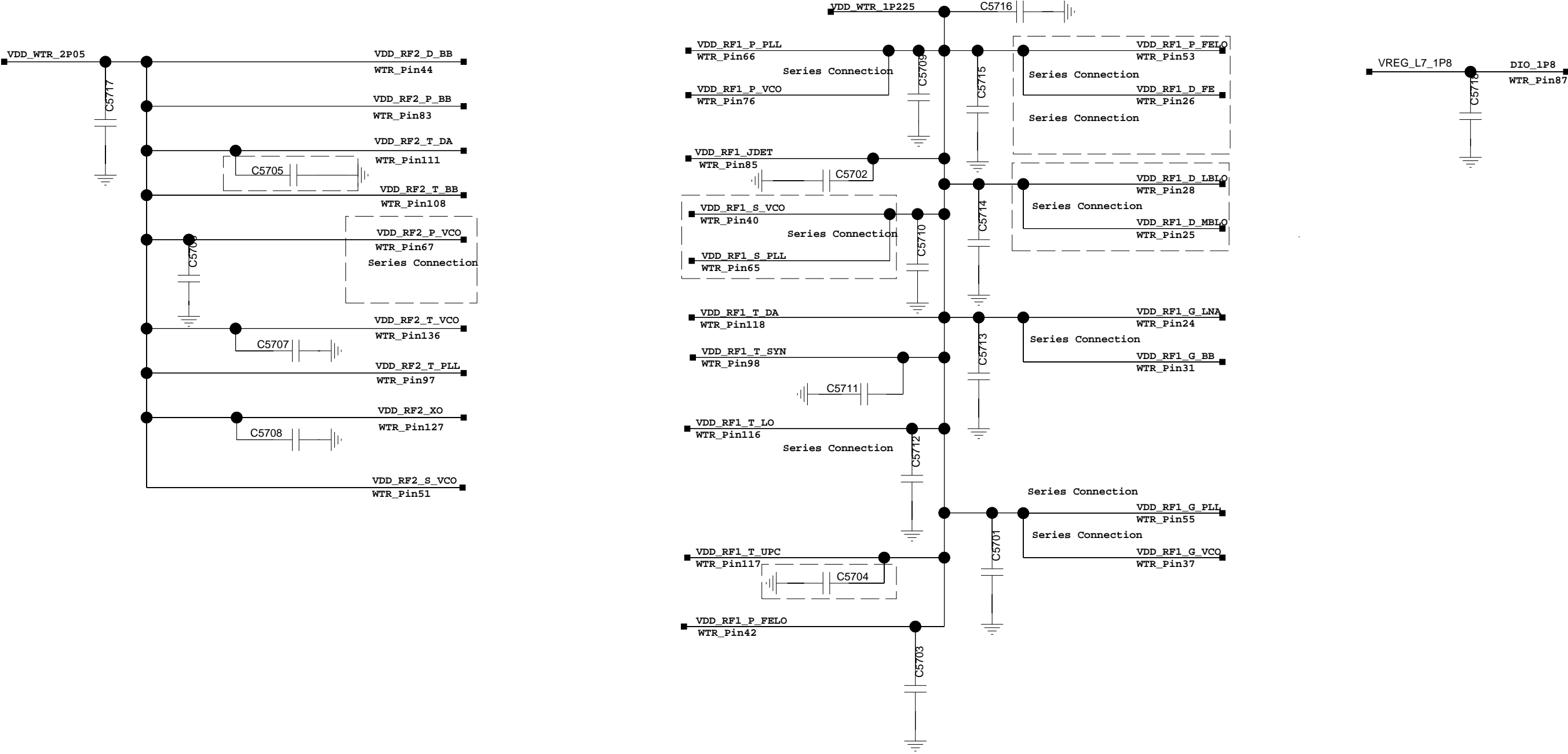
56.WTR1605L



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	56_WTR1605L
		D	03022XCA	HUAWEI TECH CO.,LTD.	

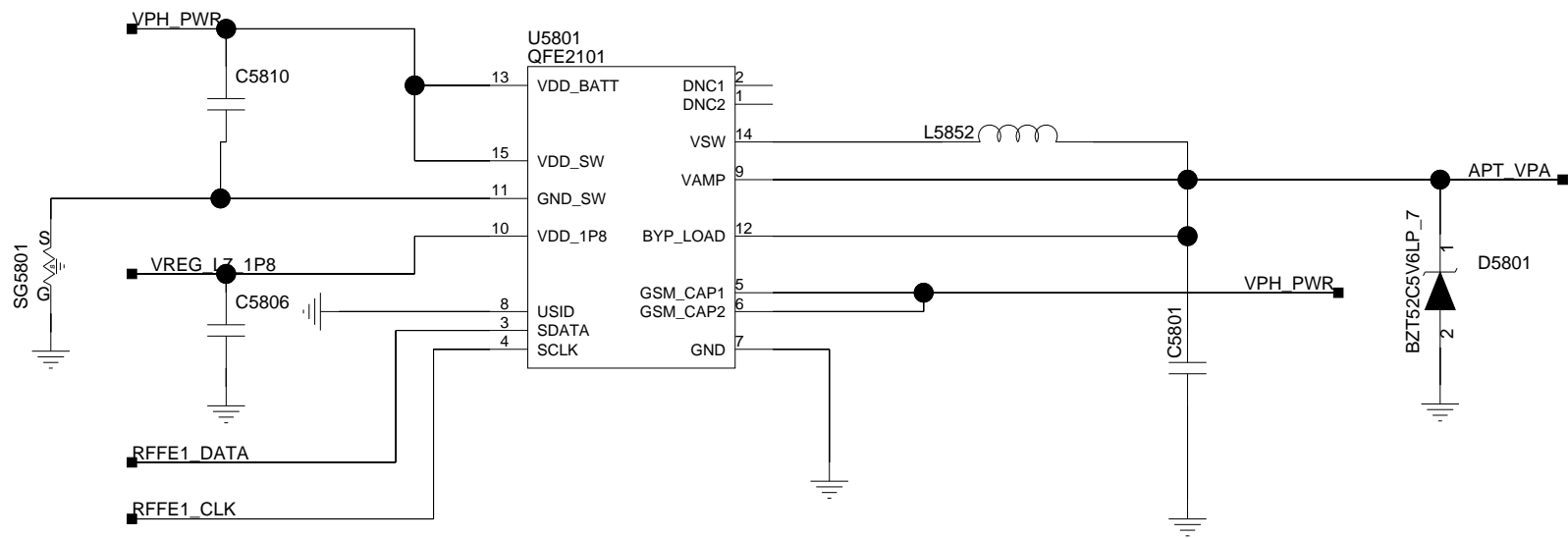
57.WTR1605L PWR



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	57_WTR1605L_PWR
		D	03022XCA	HUAWEI TECH CO.,LTD.	

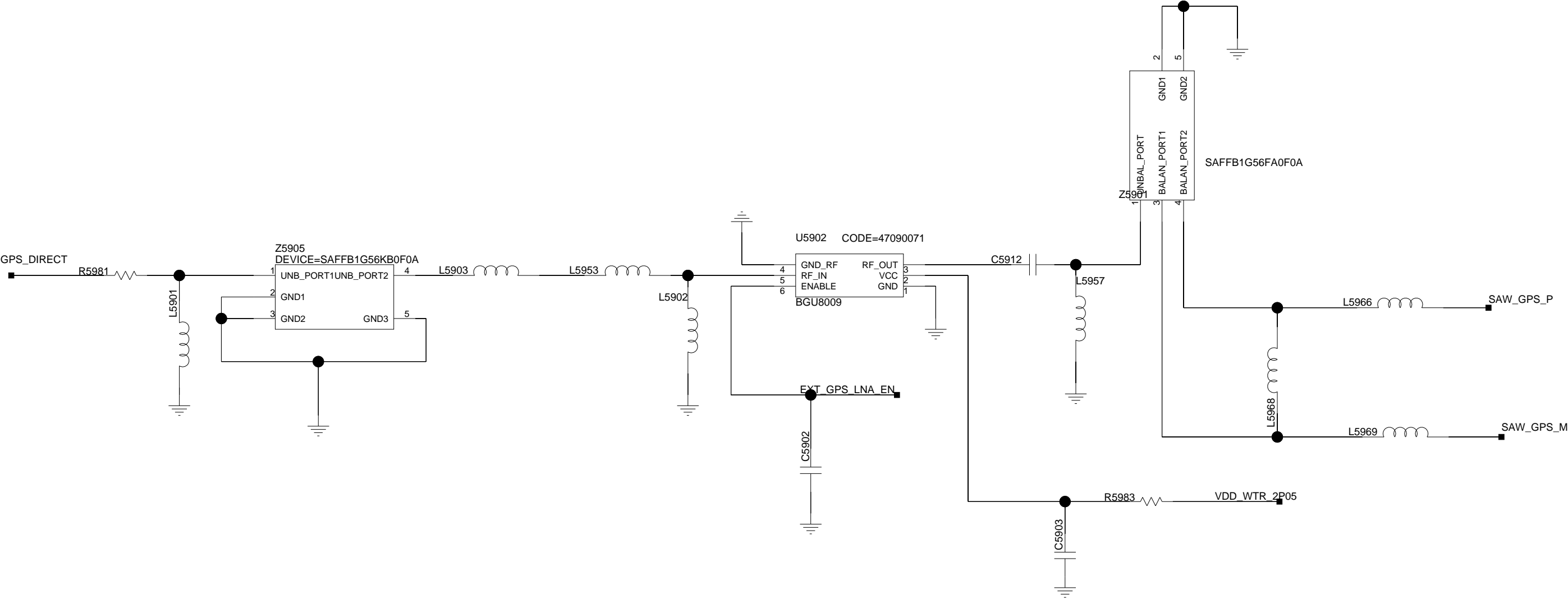
58.ET_APT



The type and specification of the components refer to the BOM

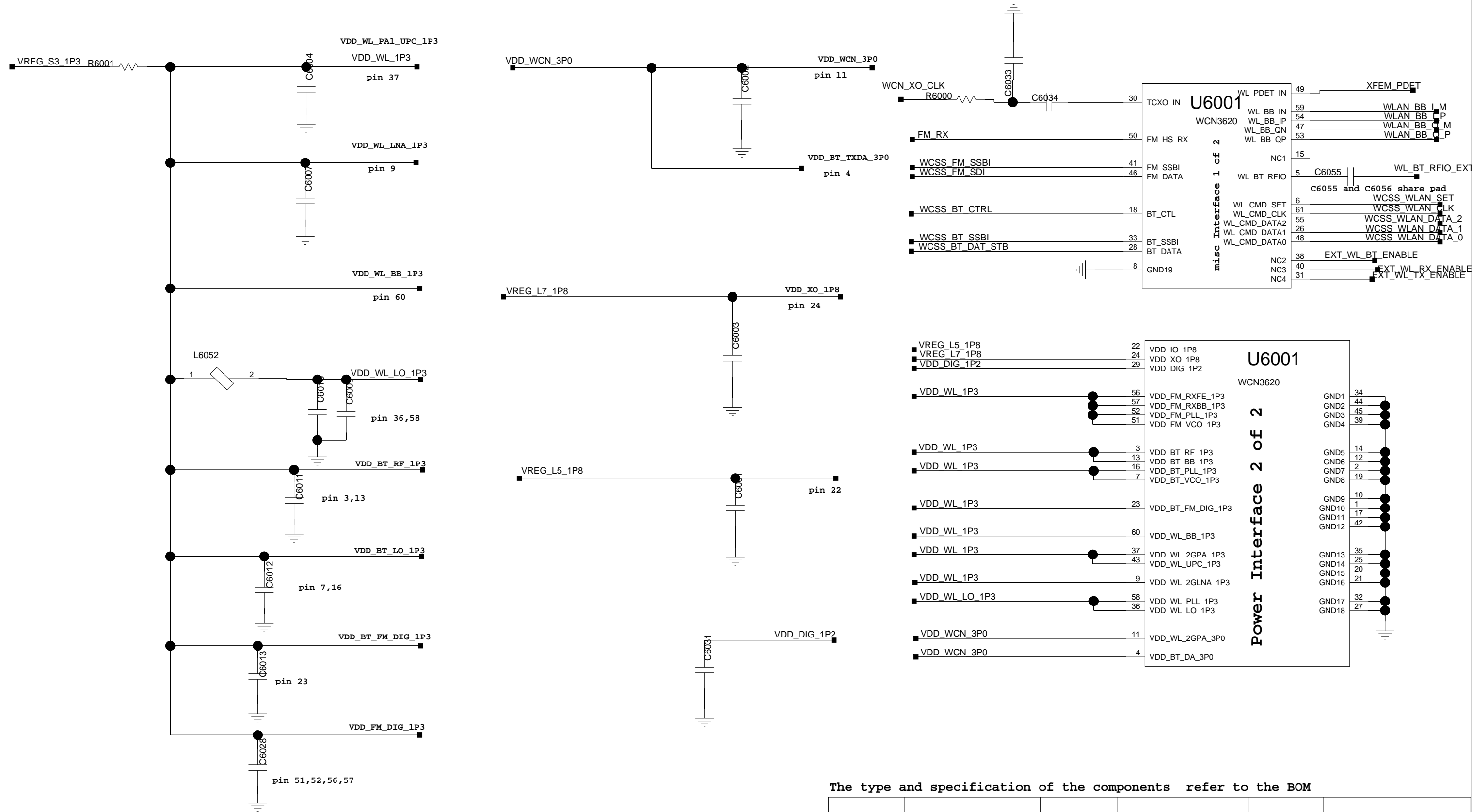
				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	58_ET_APT69
		D	03022XCA	HUAWEI TECH CO.,LTD.	

59.GPS



The type and specification of the components refer to the BOM					
				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	59_GPS 69
		D	03022XCA	HUAWEI TECH CO.,LTD.	

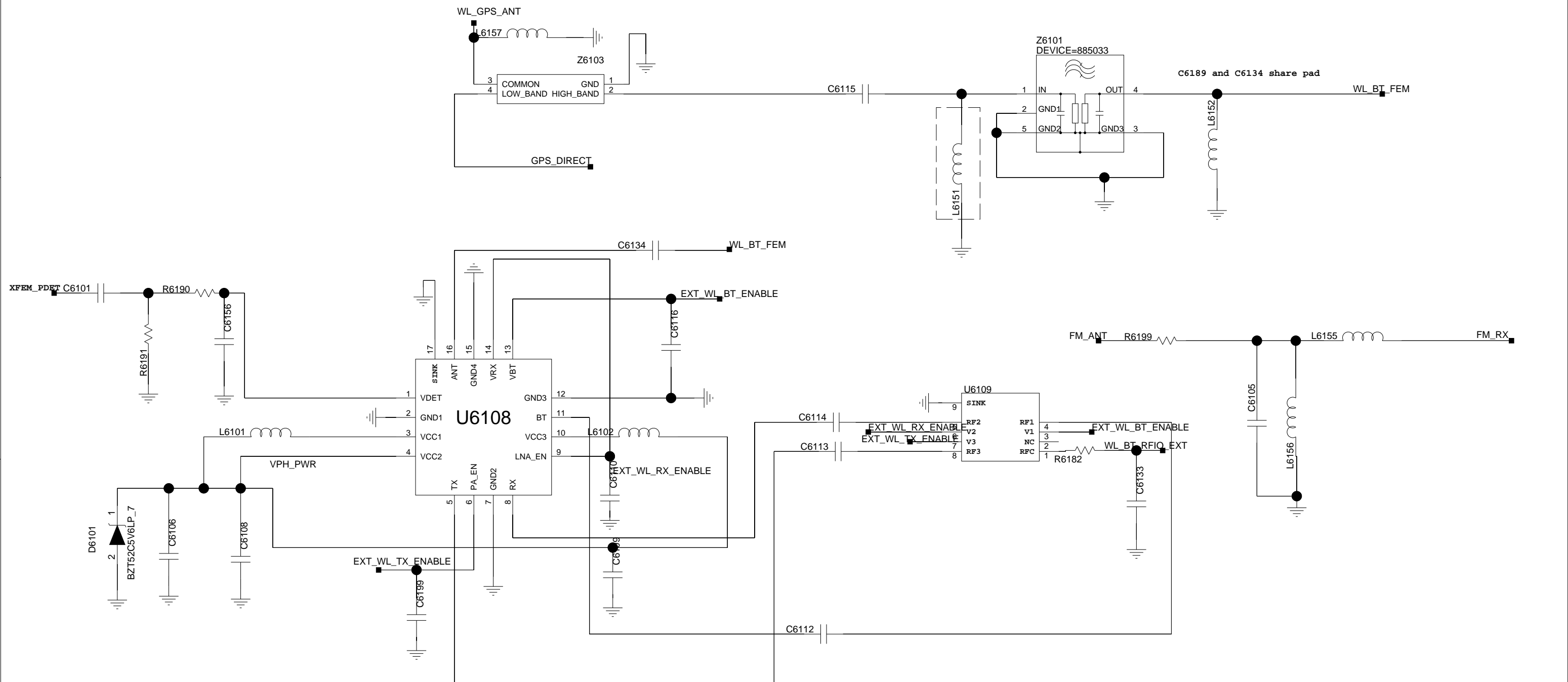
60. WCN3620 BB



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	60_WON3629BB
		D	03022XCA	HUAWEI TECH CO.,LTD	

61. WCN3620 RF



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	61_WON3629RF
		D	03022XCA	HUAWEI TECH CO.,LTD	

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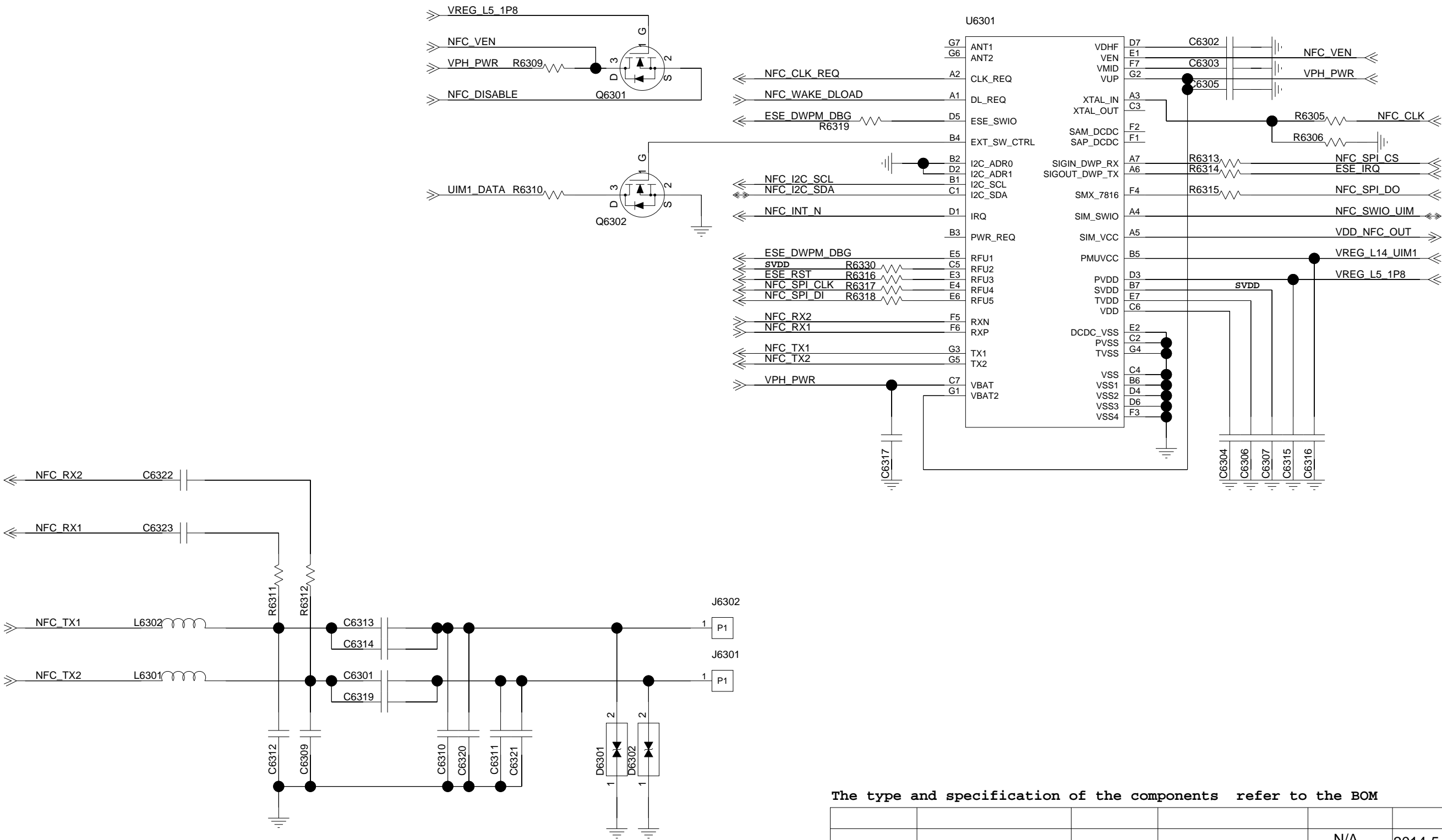
D

D

The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 62 OF 69	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

63.NFC



The type and specification of the components refer to the BOM

				N/A	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 63_NFC 69	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

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The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 64 OF 69	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

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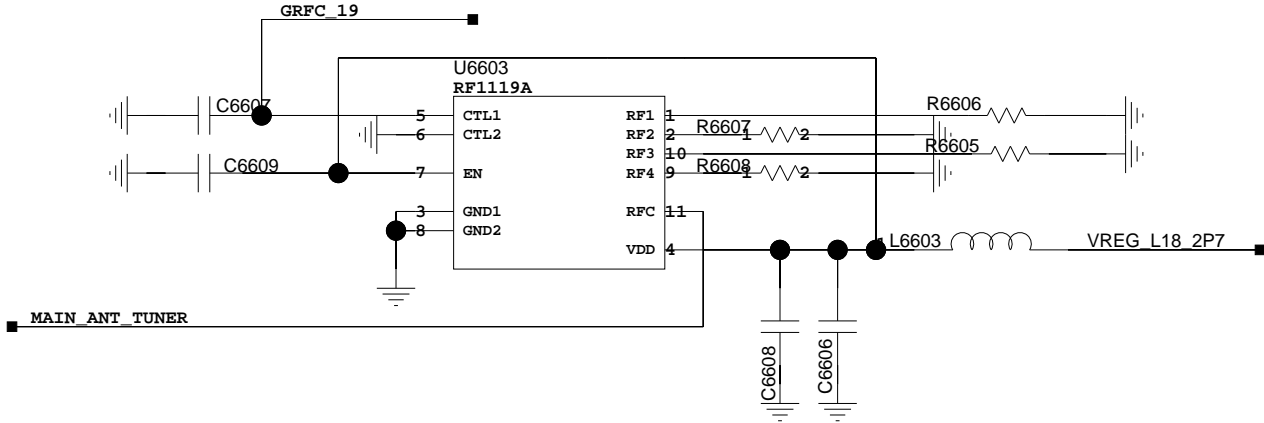
C

D

The type and specification of the components refer to the BOM

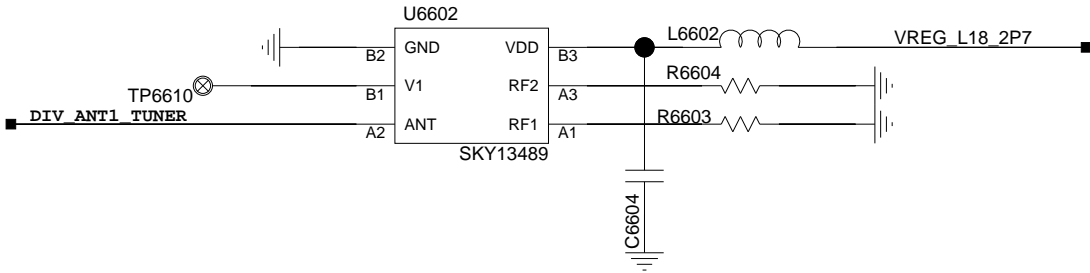
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				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET 65 OF 69	
		D	03022XCA	HUAWEI TECH CO.,LTD.	

66 ANT TUNER



protection of U6603

DIV ANT1 TUNER



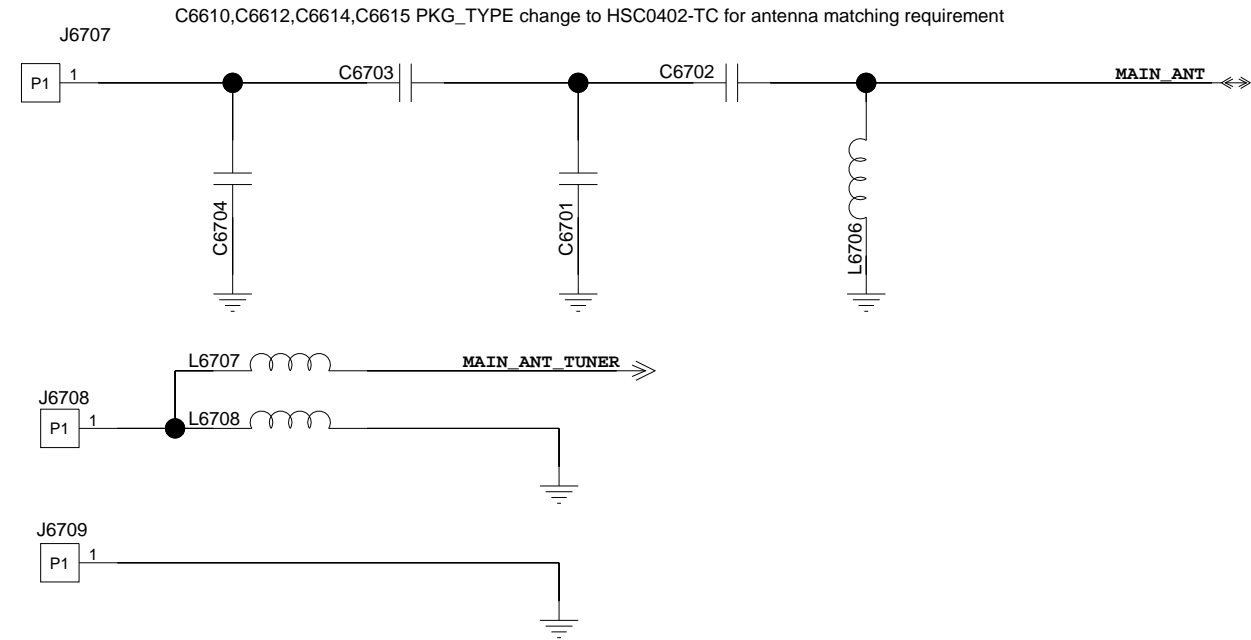
protection of U6602

The type and specification of the components refer to the BOM

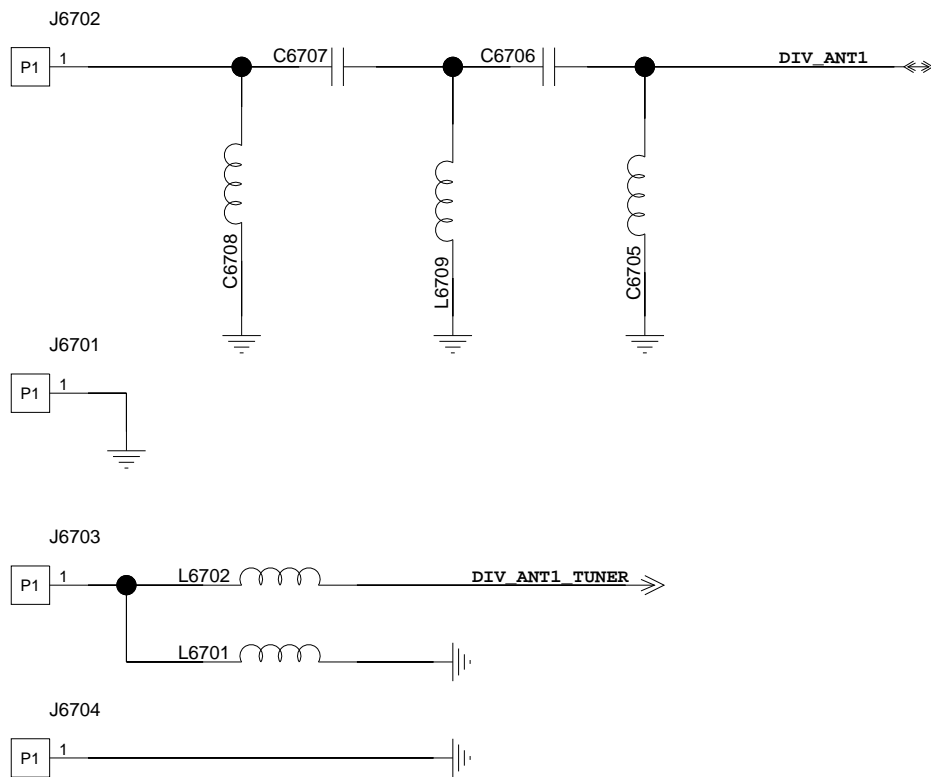
				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRYM01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	66 ANT TUNER
		D	03022XCA	HUAWEI TECH CO.,LTD.	

67.ANTENNA MATCH

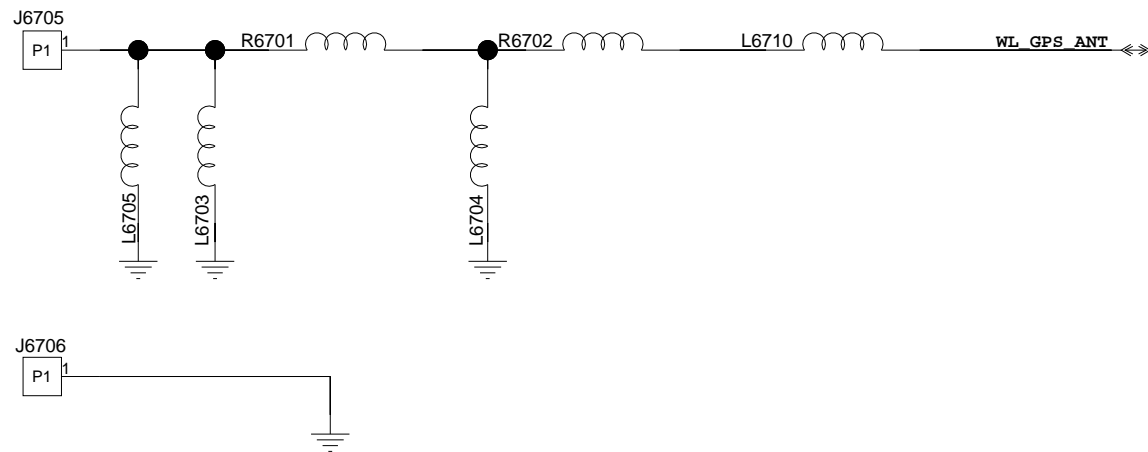
Main ANT



DIV ANT1



WIFI/GPS ANT



The type and specification of the components refer to the BOM

				NA	2014-5-27
				ECA NO	DATE
DESIGNED	XUBO 00114100	HL2CHERRY M01		03022VNS_SCHZH	
REVIEWED	QIUHONGBING 00248133				
		VER	PART_NUMBER	SHEET	67_ANTENNA MATCH
		D	03022XCA	HUAWEI TECH CO.,LTD.	