

123456

Baseband Schematic

- 1. Contents
- 2. Block Diagramm
- 3. SOC PWR1
- 4. SOC PWR2
- 5. SOC PWR3
- 6. SOC Interfacel1
- 7. SOC Interfacel1
- 8. SOC RF Interface
- 9. SOC GND
- 10. PMU LDO
- 11. PMU DC-DC
- 12. PMU Digital
- 13. eMMC and DDR3
- 14. Battery & Fuel guage
- 15. USB/Charging/Switch
- 16. LCD Interface
- 17. Reserved
- 18. Camera Interface
- 19. Reserved
- 20. Codec/MIC/RCV
- 21. Audio/SPK/VIB
- 22. Headphone
- 23. Reserved
- 24. Reserved
- 25. X-Sensor1
- 26. X-Sensor2
- 27. External DC/DC
- 28. SIM/uSD Card
- 29. FPC Interface
- 30. Test Point/Shielding

کانال ما در تلگرام

@JahanIC

MODEM Schematic

- 31. RF Interface
- 32. RF PMU
- 33. RF Transceiver
- 34. Reserved
- 35. Reserved
- 36. Reserved
- 37. RF Front End LW B1/B2/B3/B5/B8 TRX
- 38. RF Front End MMBPA+Switch /Main A
- 39. RF Front End MAIN ANT TUNNER
- 40. Reserved
- 41. Reserved
- 42. TCXO
- 43. Reserved for CDMA Modem
- 44. Reserved for CDMA Modem
- 45. Reserved for CDMA Modem
- 46. Reserved for CDMA Modem
- 47. Reserved for CDMA Modem
- 48. Reserved for CDMA Modem
- 49. RESERVED
- 50. RESERVED
- 51. Reserved
- 52. BT/WLAN/FM/NFC
- 53. BT/WLAN/FM/NFC
- 54. WIFI_RF_FrontEnd_2.4GHz
- 55. WIFI_RF_FrontEnd_5GHz
- 56. GPS
- 57. Reserved
- 58. RF Transceiver2
- 59. RFIC2_GSM PA+Switch+RX
- 60. RF PMU2

The type and specification of the components refer to the BOM

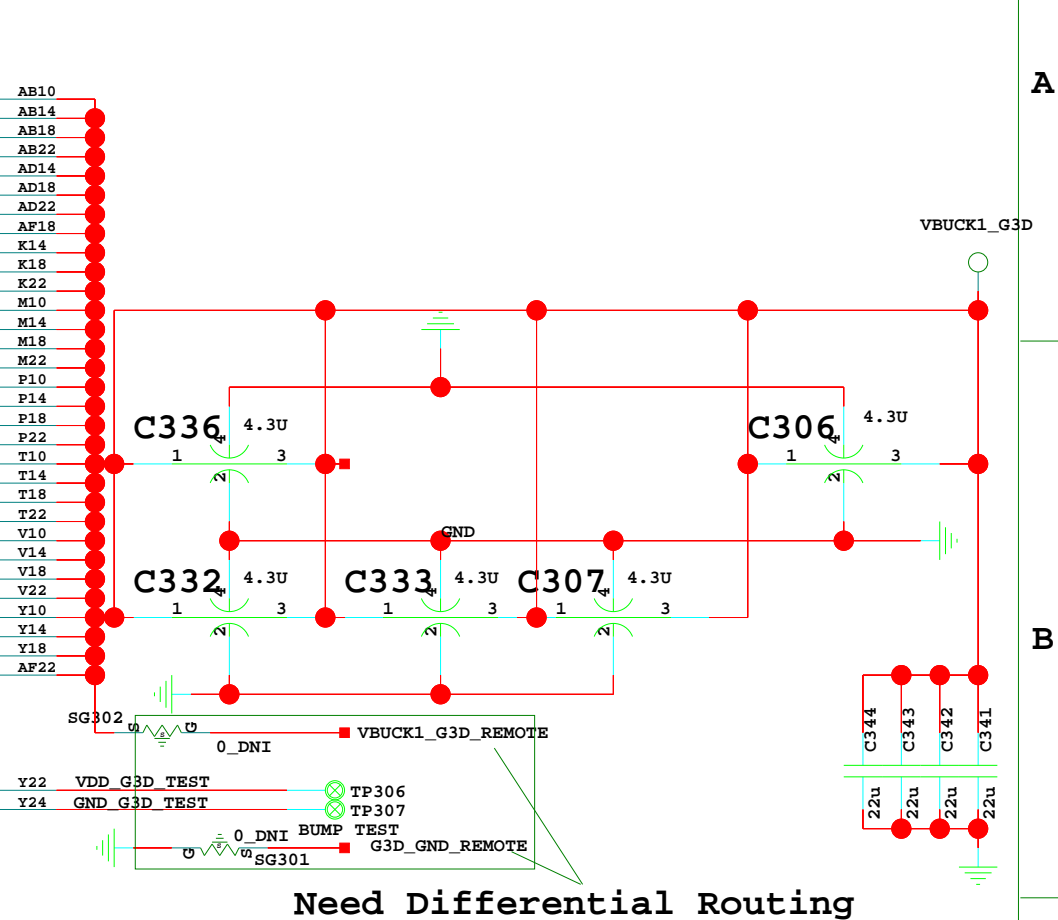
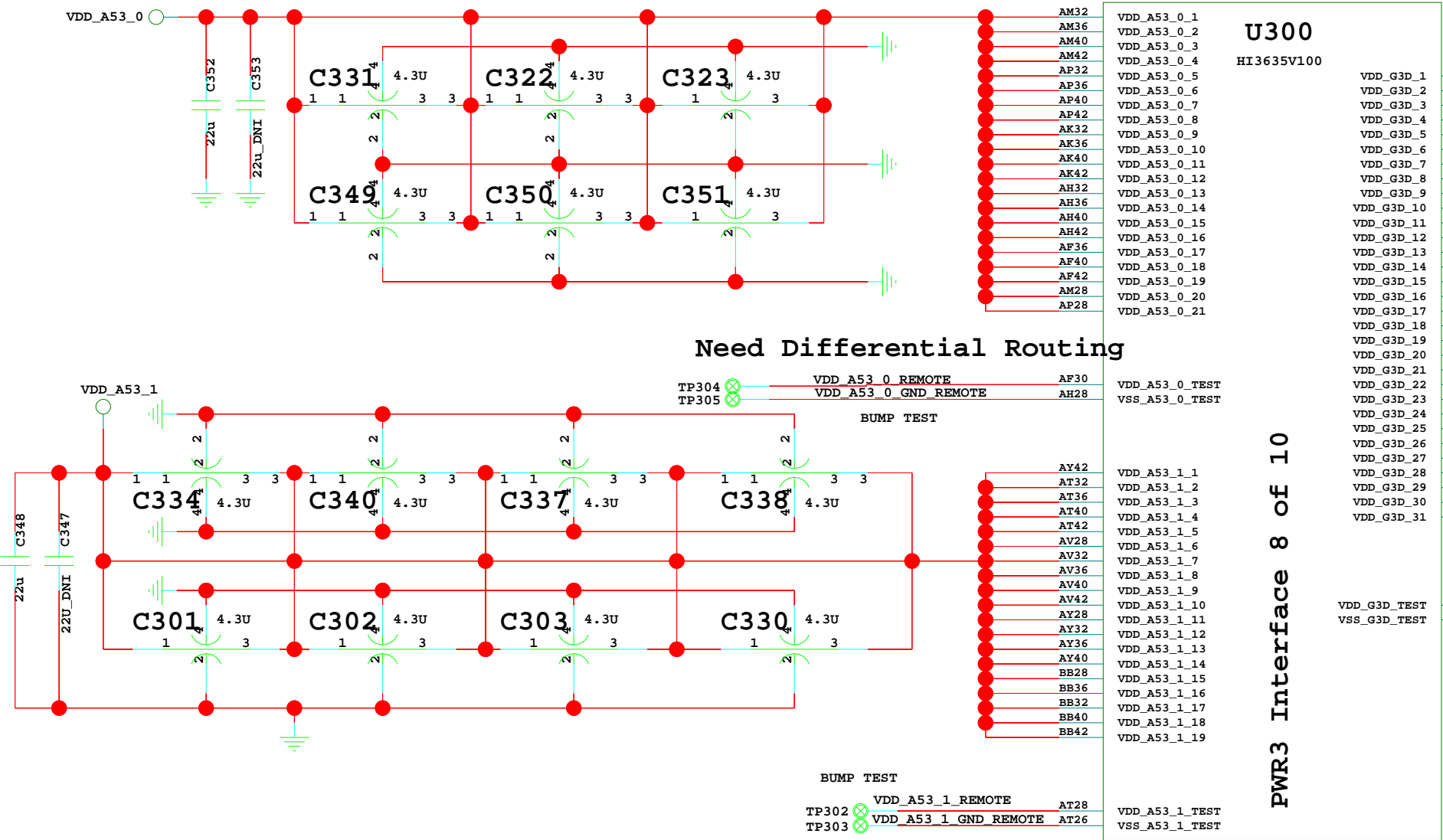
				NA	
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 1 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

2. Block Diagram

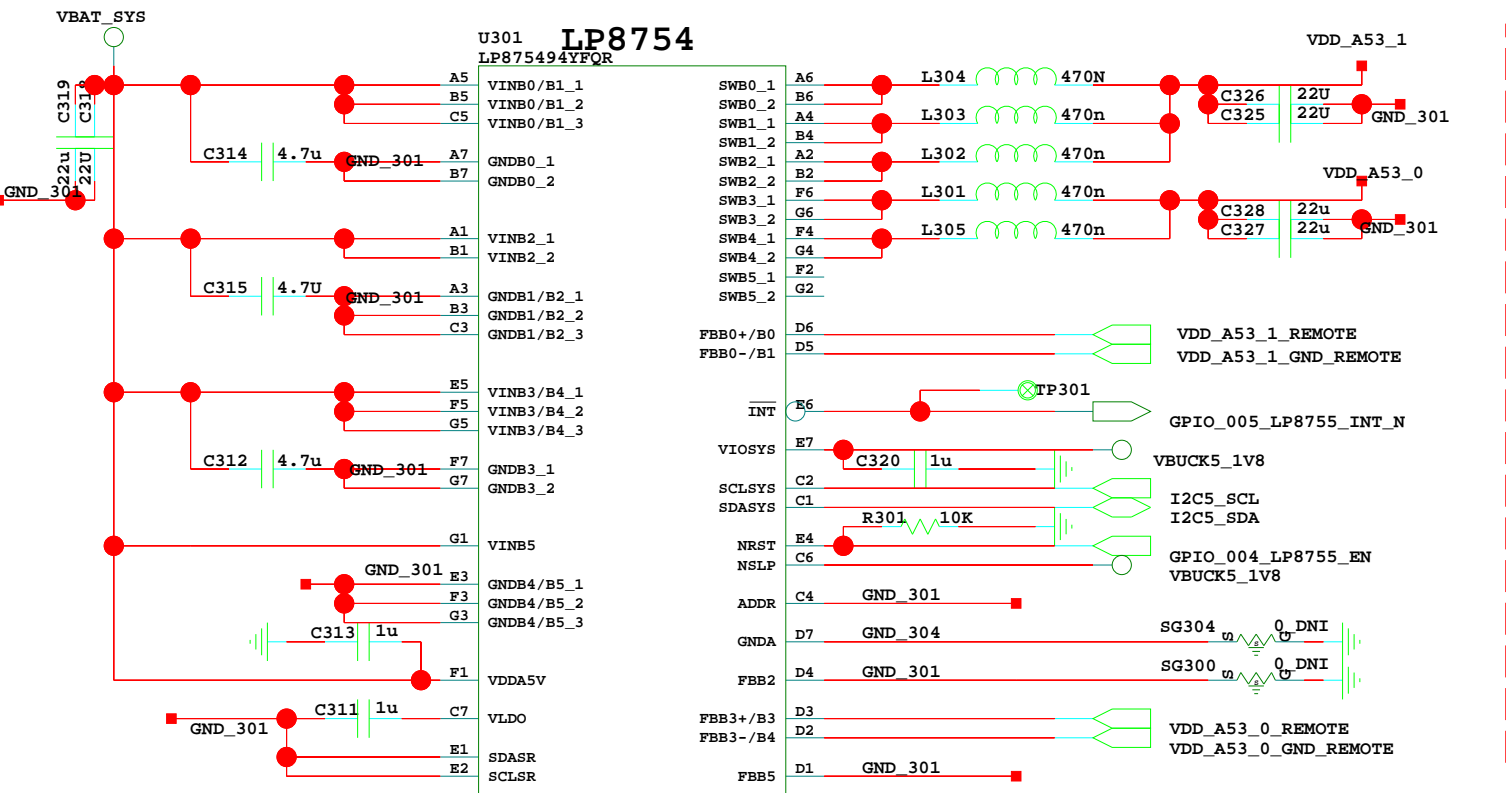
The type and specification of the components refer to the BOM

					28-01-2015_10:11
					20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM			03023BRW_SCHZH
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 2 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

3. SOC PWR1

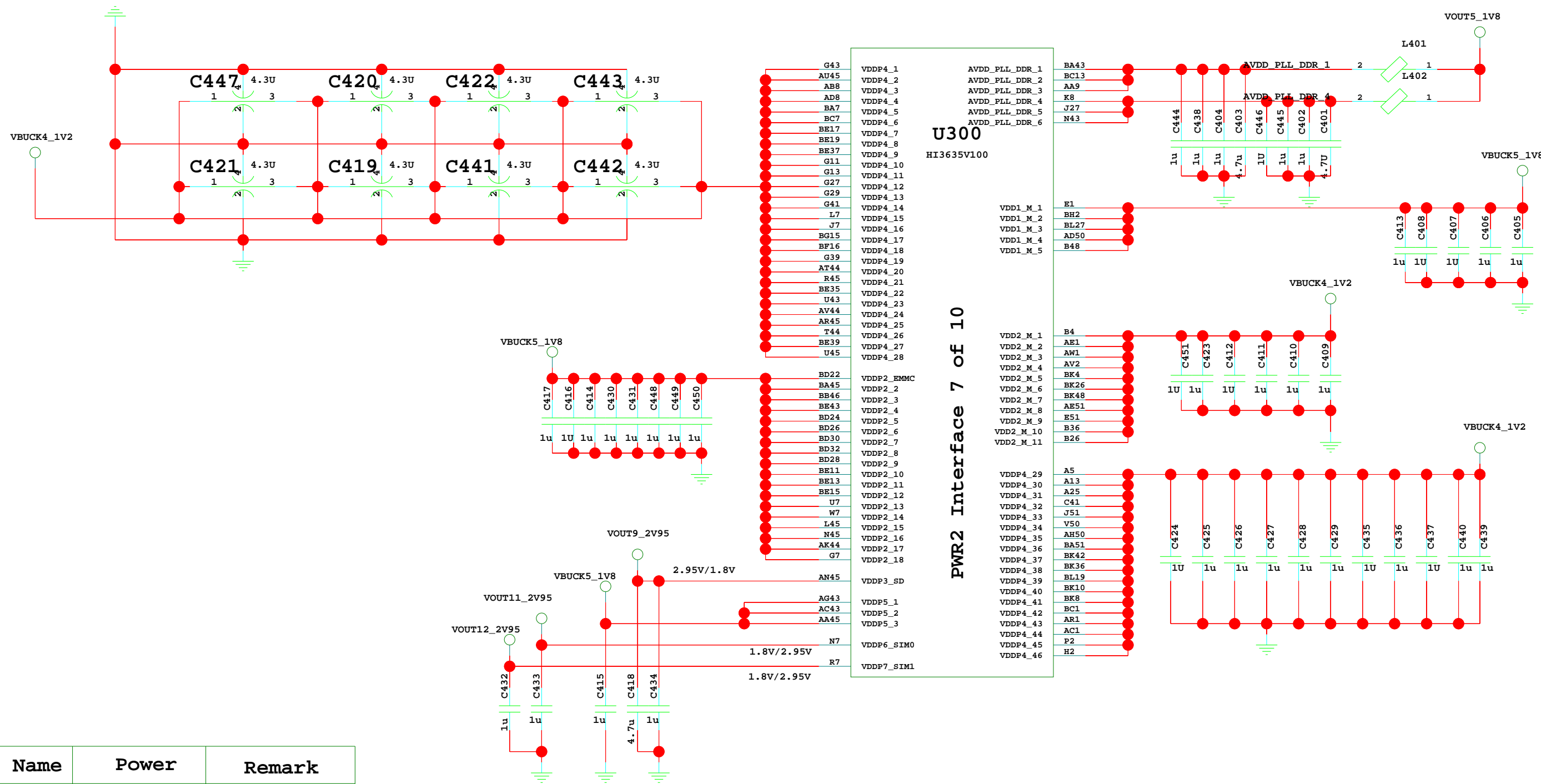


CPU BUCK



The type and specification of the components refer to the BOM				28-01-2015_10:11
				TBD For
				20140523
				ECA NO
				DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH
REVIEWED	wangweijie /00303684			
		VER	PART_NUMBER	SHEET 3 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD.

4. SOC PWR2

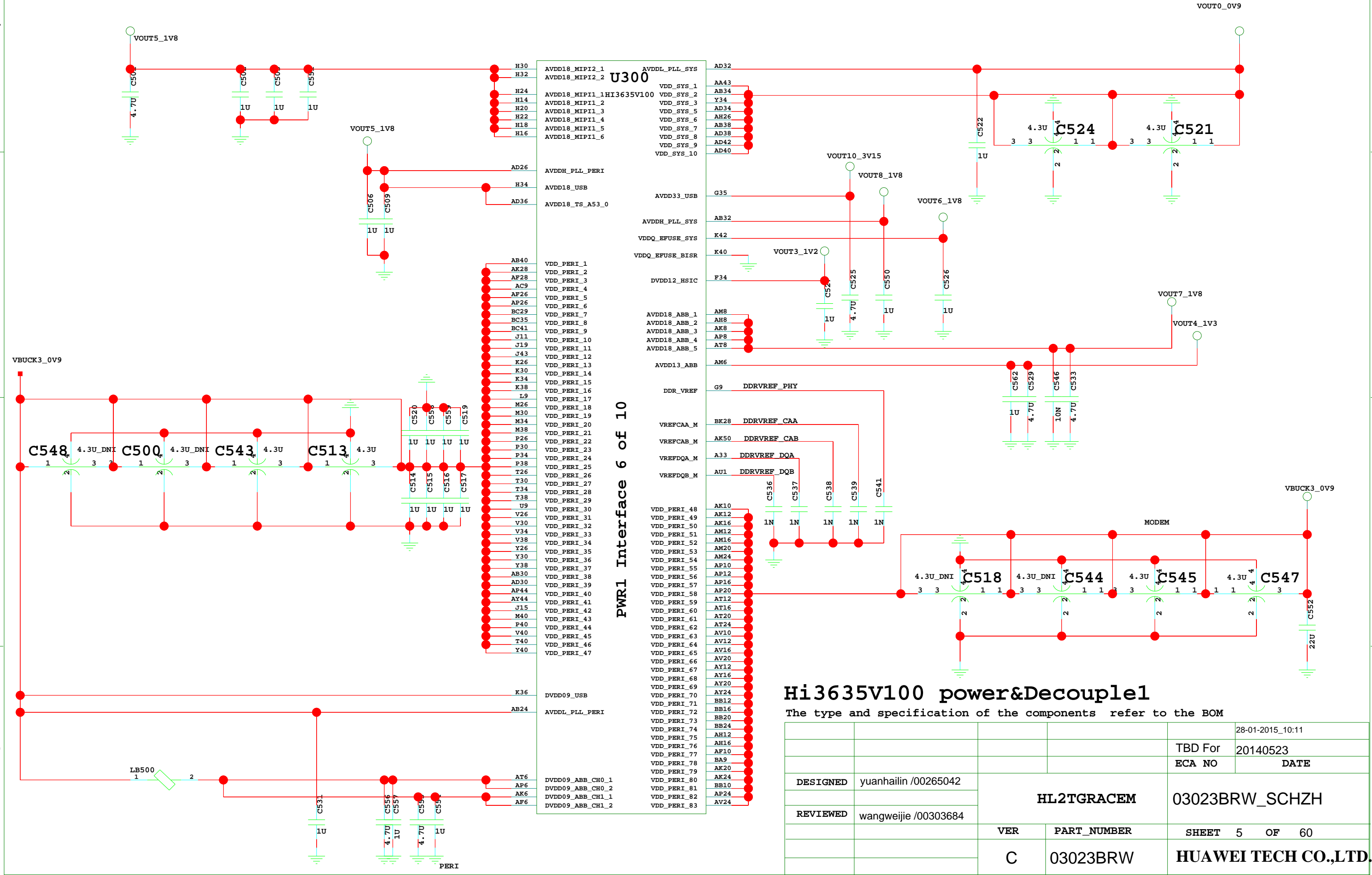


Name	Power	Remark
VDDP2	1.8V	OTHER I/O
VDDP3	2.95V/1.8V	SD I/F I/O
VDDP4	1.2V	DDR I/O
VDDP5	1.8V	SYSTEM I/O
VDDP6	1.8V/2.95V	USIM0 I/O
VDDP7	1.8V/2.95V	USIM1 I/O

The type and specification of the components refer to the BOM

				28-01-2015_10:11
			TBD For	20140523
			ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH
REVIEWED	wangweijie /00303684			
		VER	PART_NUMBER	SHEET 4 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD.

5. SOC PWR3



Hi3635V100 power&Decouple1

The type and specification of the components refer to the BOM

					28-01-2015_10:11
				TBD For	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 5 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

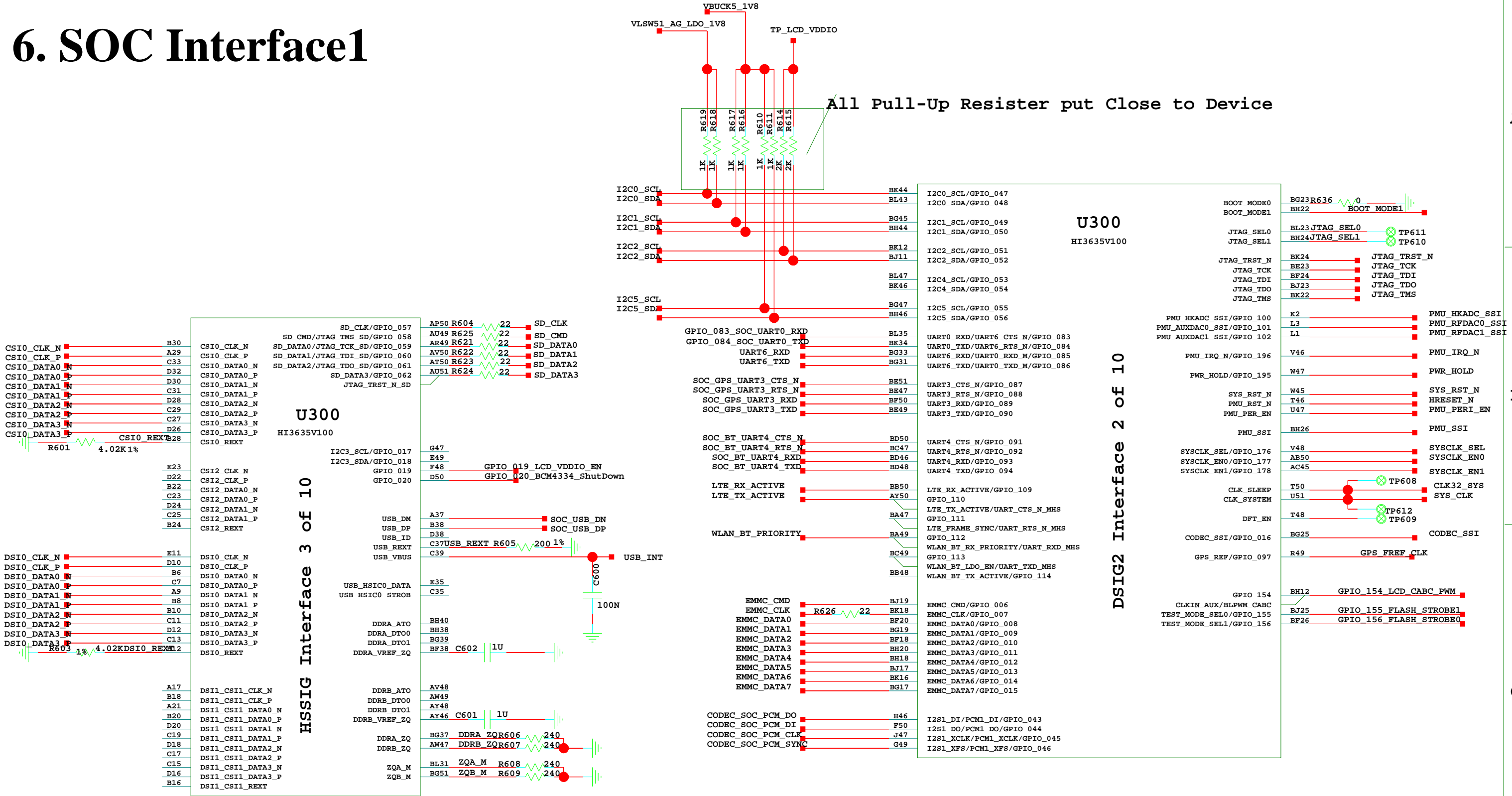
6. SOC Interface1

A

B

C

D



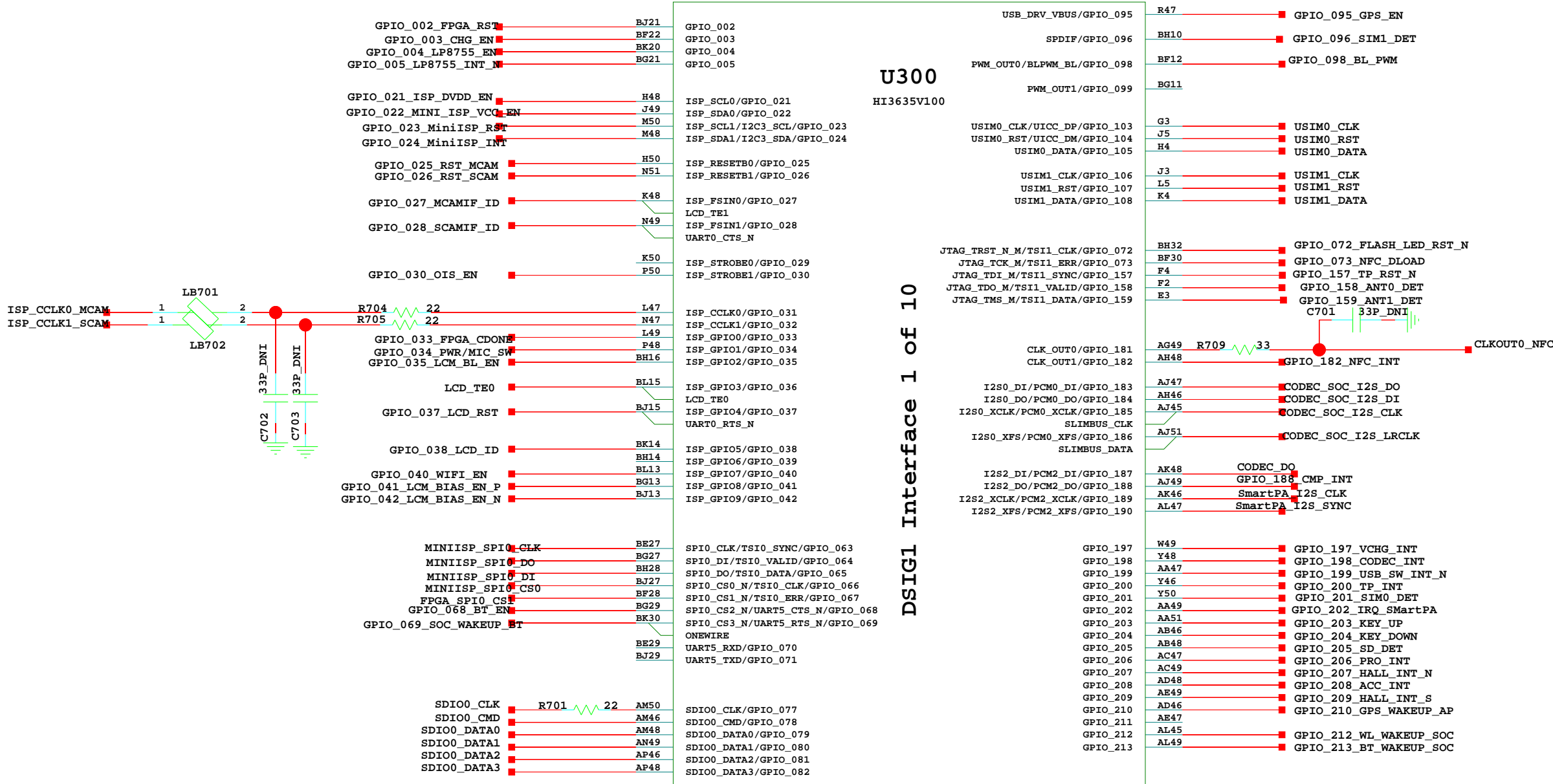
Hi3630v100 high speed siganl

The type and specification of the components refer to the BOM				28-01-2015_10:11	
				TBD For	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 6 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

Boot mode[1:0]	Function
00	Bootrom start-Download
01	Bootrom start-FAC Test
10	Bootrom start-eMMC
11	EX-Nand Boot only for ATE

JTAG Selection setting			
SEL1(IPD)SEL0(IPU) FUNCTION			
0	0	0	BSD TAP Controller
0	1	1	DJTAG TAP Controller
1	0	0	CoreSight & DSP JTAG
1	1	1	AUTH JTAG

7.SOC Interface2



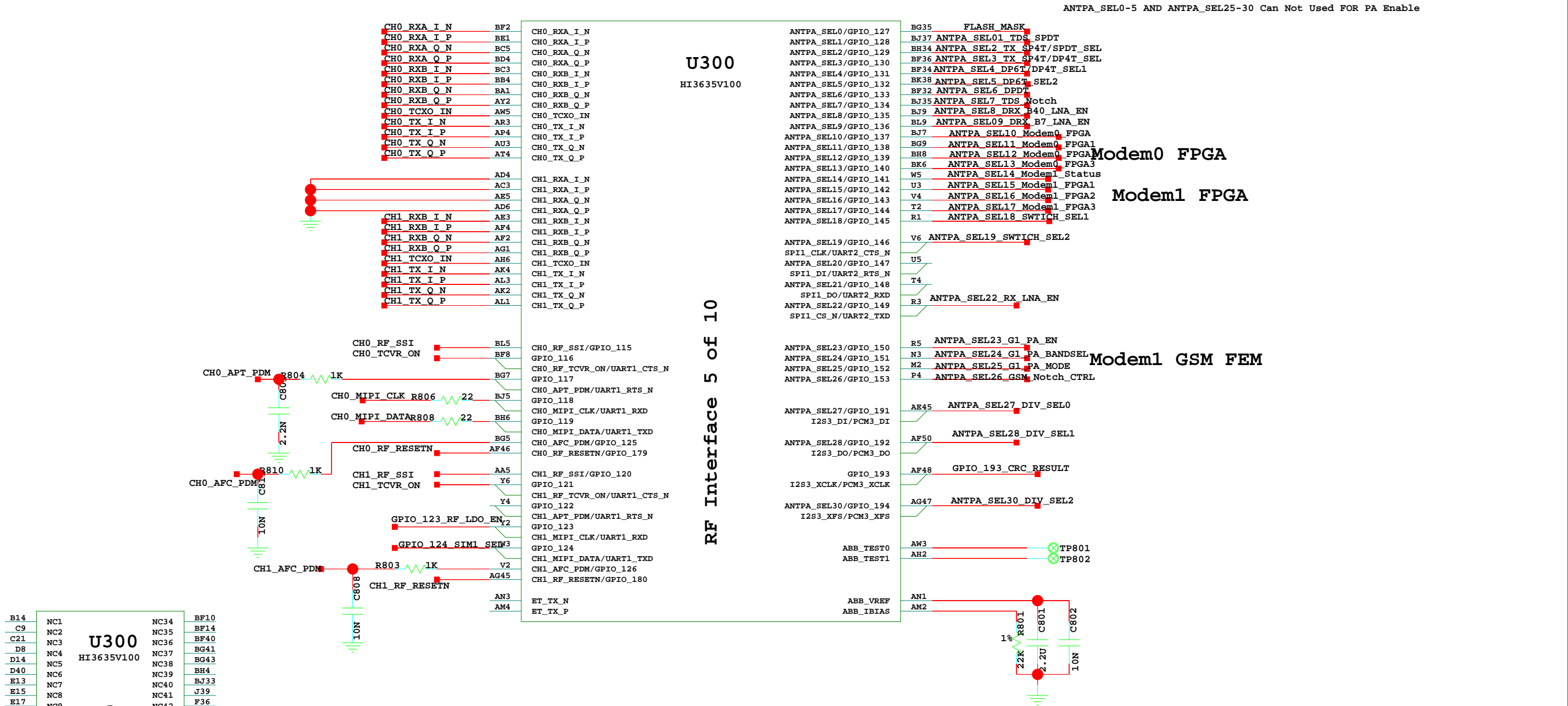
کانال ما در تلگرام

@JahanIC

The type and specification of the components refer to the BOM

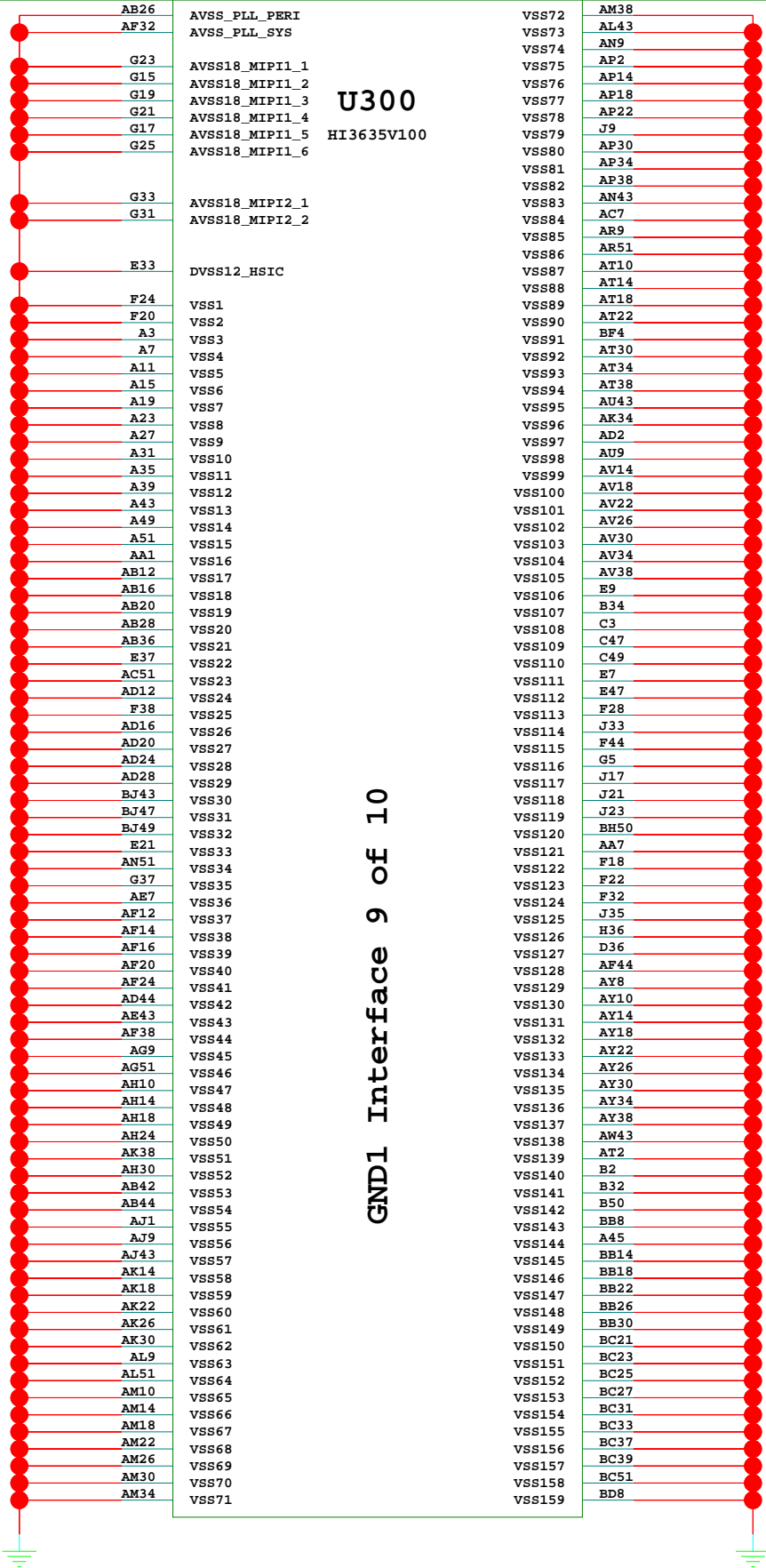
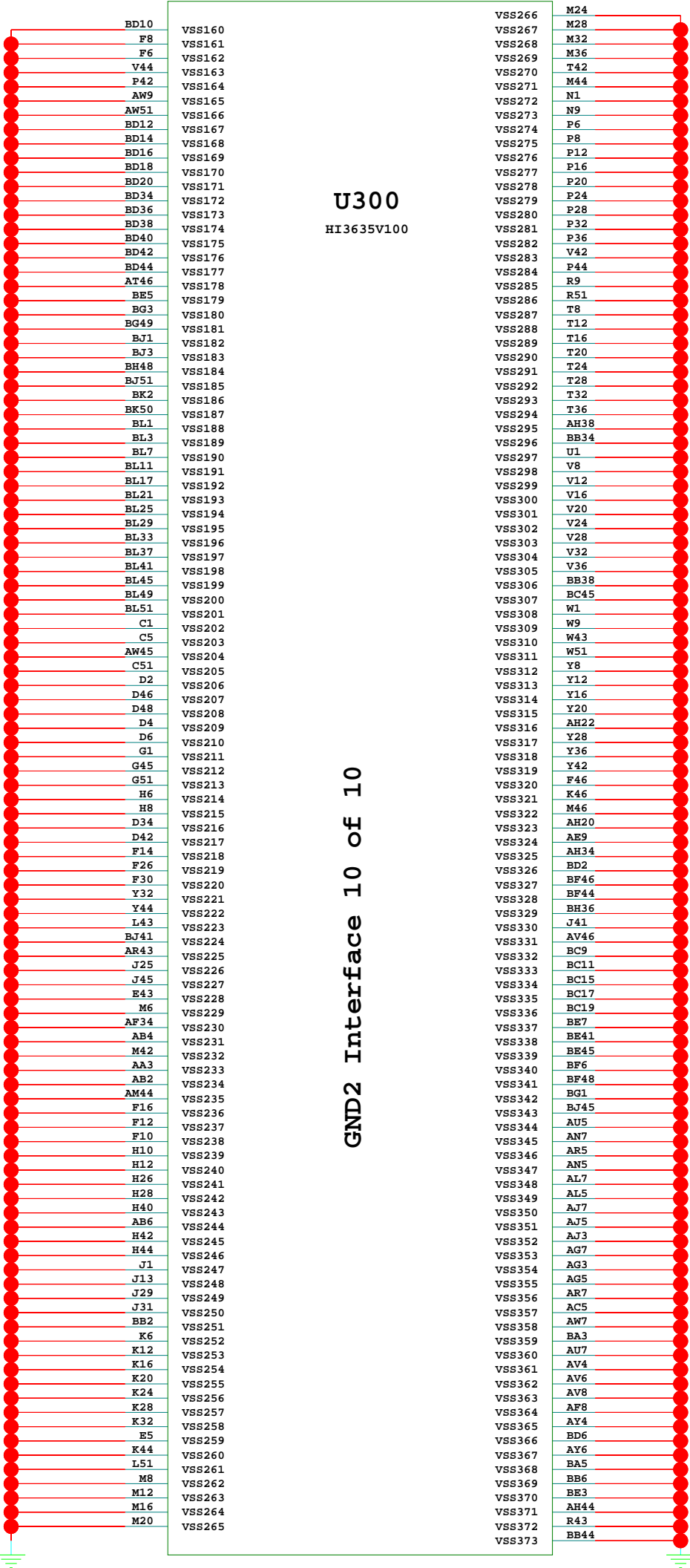
					28-01-2015_10:11
				TBD For	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 7 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

8. SOC RF Interface



The type and specification of the components refer to the BOM				
				28-01-2015_10:11
			TBD For	20140523
			ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH
REVIEWED	wangweijie /00303684			
		VER	PART_NUMBER	SHEET 8 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD.

9. SOC GND



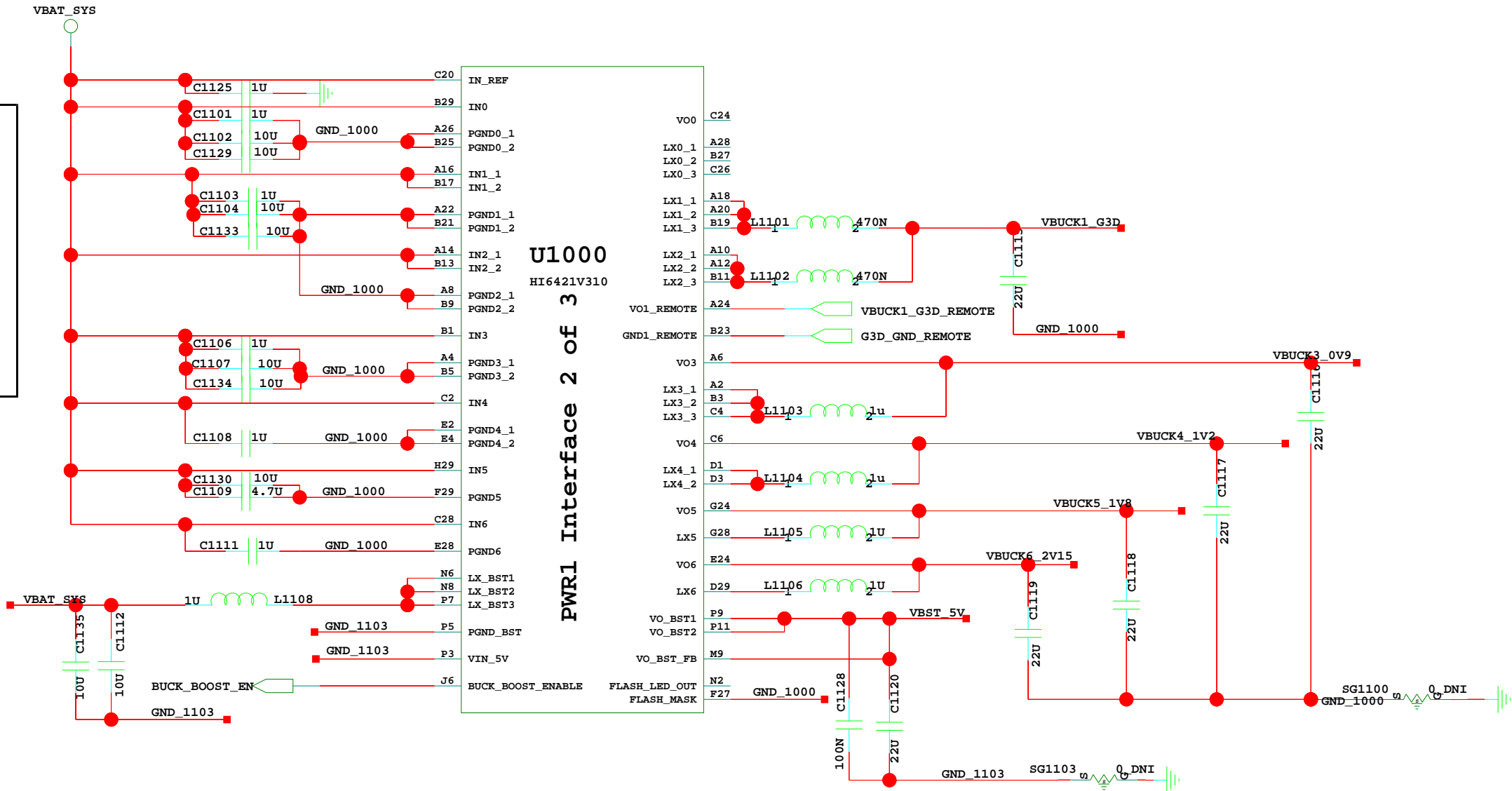
The type and specification of the components refer to the BOM

				28-01-2015_10:11
			TBD For	20140523
			ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		
REVIEWED	wangweijie /00303684	03023BRW_SCHZH		
		VER	PART_NUMBER	SHEET 9 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD.

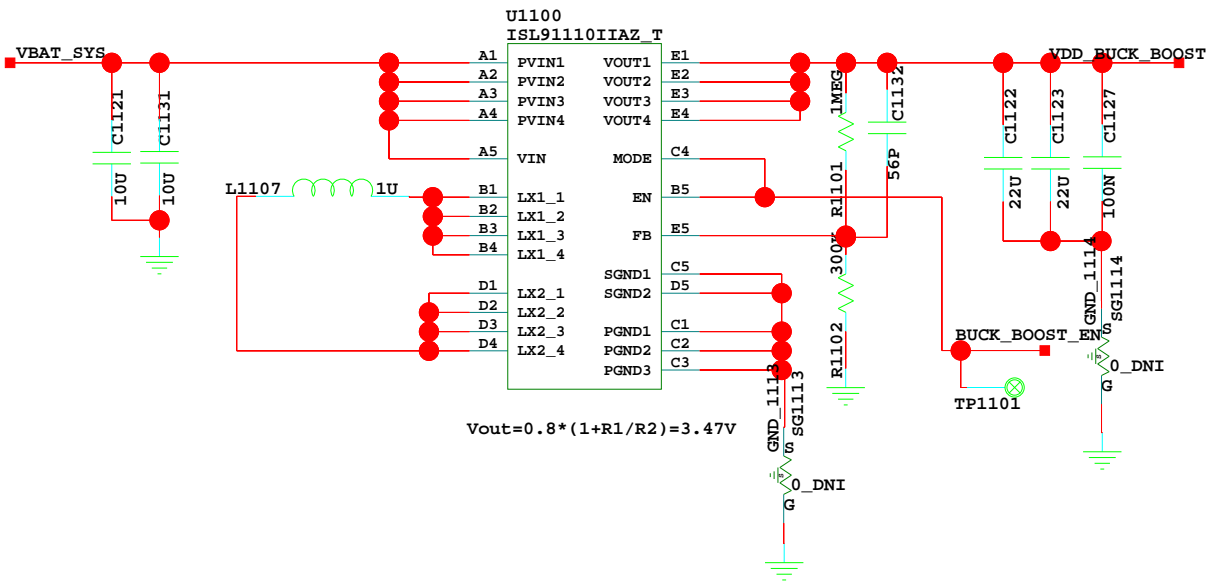
11. PMU DC-DC

کانال ما در تلگرام

@JahanIC



BUCK BOOST



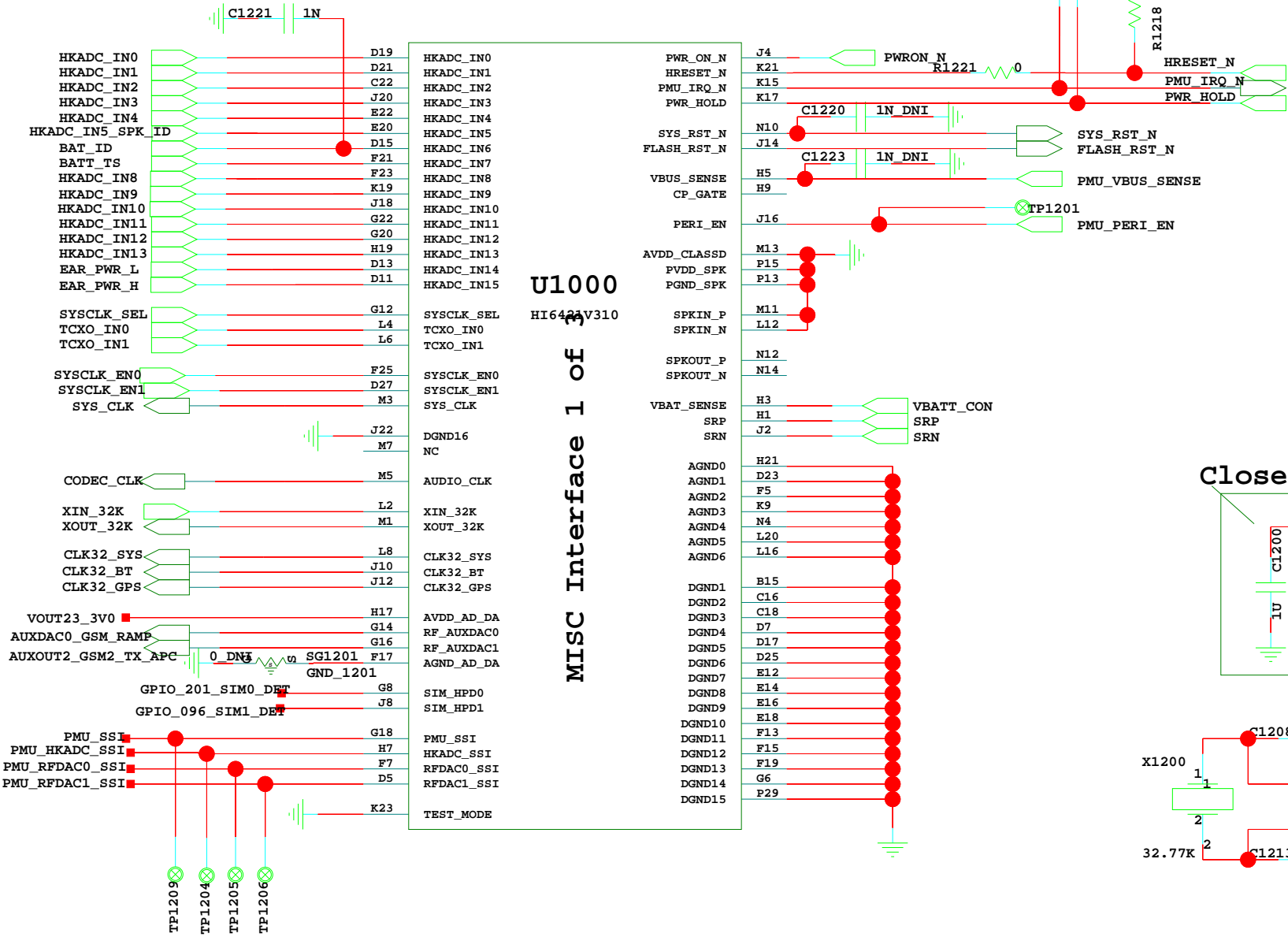
The type and specification of the components refer to the BOM

				28-01-2015_10:11
			TBD For	20140523
			ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH
REVIEWED	wangweijie /00303684			
		VER	PART_NUMBER	SHEET 11 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD.

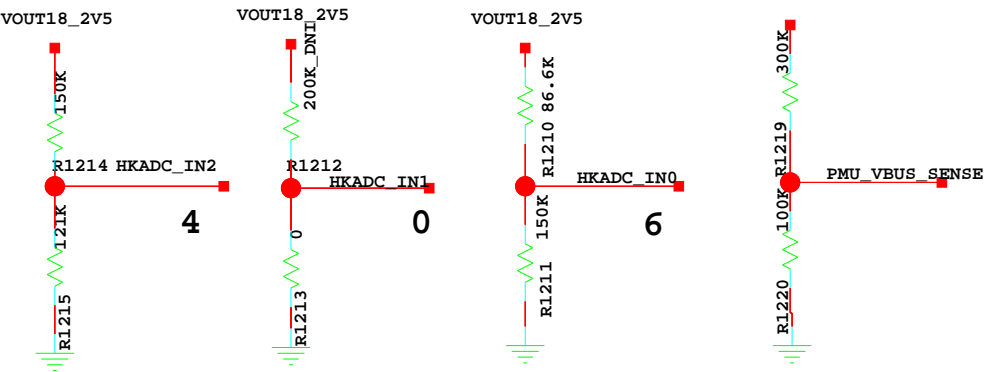
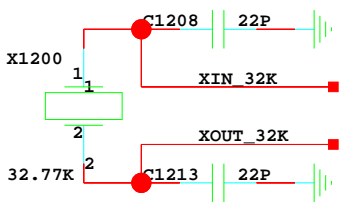
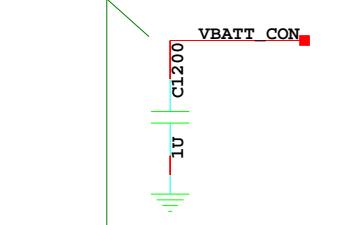
12. PMU Digital

HKADC Table

NAME	Function
HKADC_IN0	board ID detect0
HKADC_IN1	board ID detect1
HKADC_IN2	board ID detect2
HKADC_IN3	detect temperature of AP
HKADC_IN4	detect LCD_VSP
HKADC_IN5	
HKADC_IN6	battery ID
HKADC_IN7	detect temperature of Battery
HKADC_IN8	detect temperature of RFIC2 PA
HKADC_IN9	detect Flash Led temperature
HKADC_IN10	detect TP_LCD_VDDIO
HKADC_IN11	detect temperature of RFIC1 PA
HKADC_IN12	detect temperature of Charge IC
HKADC_IN13	
HKADC_IN14	detect transceiver1 PA power
HKADC_IN15	



Close To HI6421



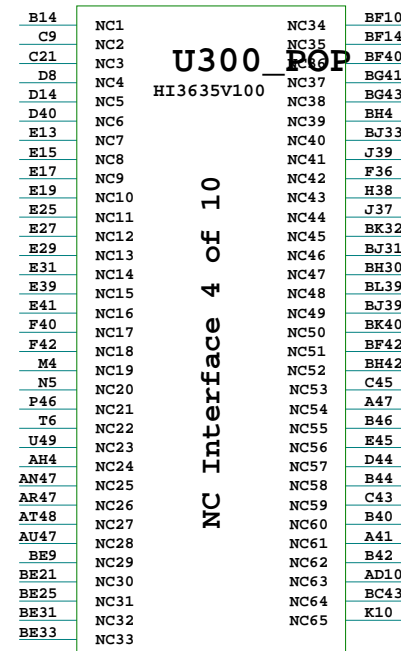
BOARD ID

TUL	V0	0X403	
TUL	VB	0X405	6402 ES
TUL	VB	0X406	6402 CS R1210=07091790

The type and specification of the components refer to the BOM

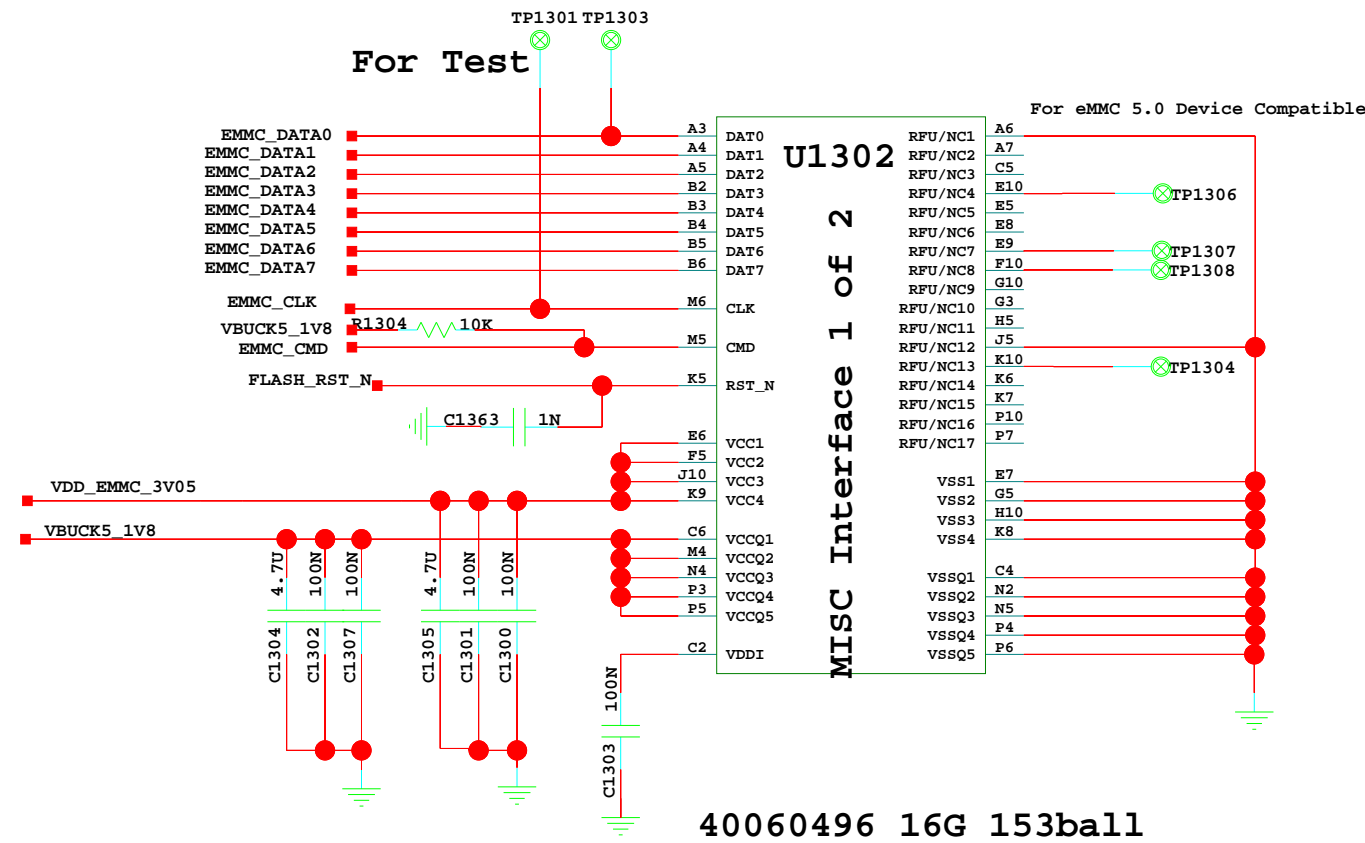
					28-01-2015_10:11
				TBD For	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 12 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

A

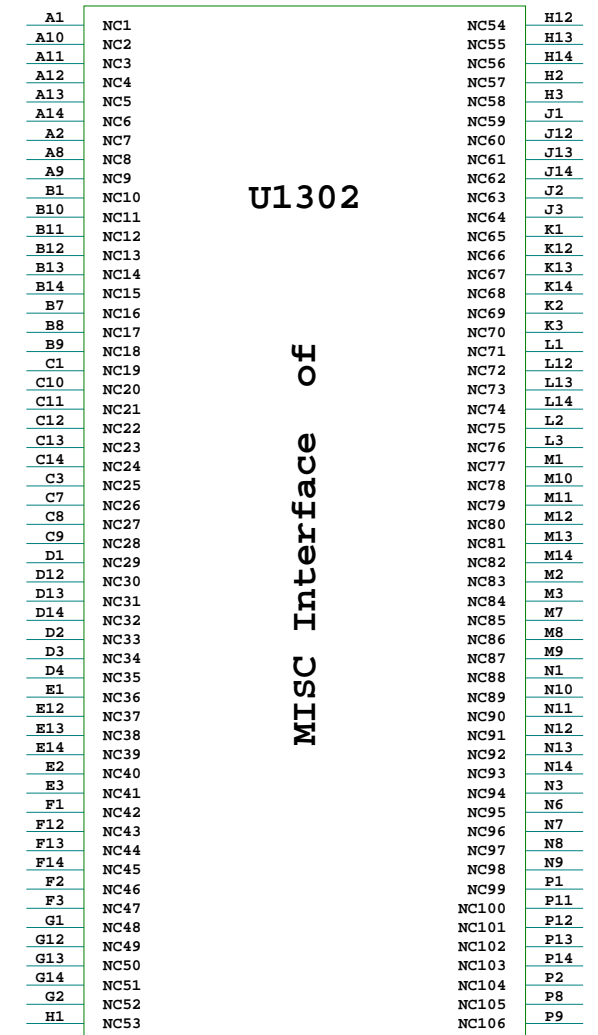


40020225 2GB LpDDR3

Support eMMC 4.5

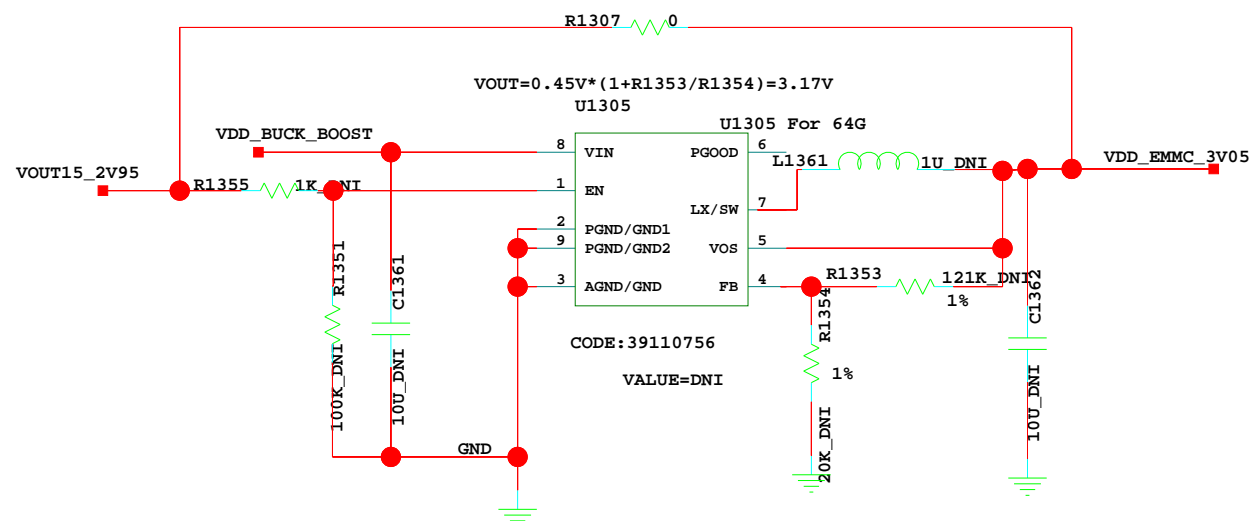


40060496 16G 153ball



U1302

MISC Interface of



The type and specification of the components refer to the BOM

				28-01-2015_10:11
				TBD For
				20140523
				ECA NO
				DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH
REVIEWED	wangweijie /00303684			
		VER	PART_NUMBER	SHEET 13 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD.

A

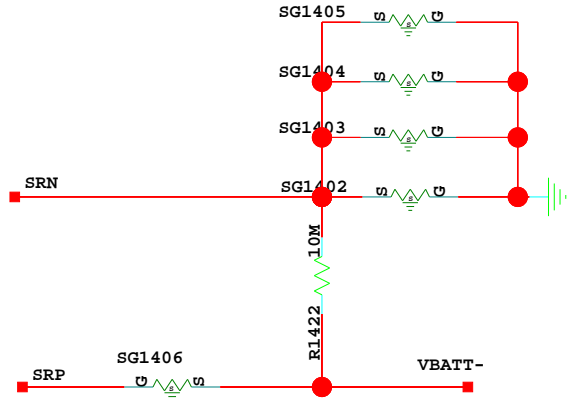
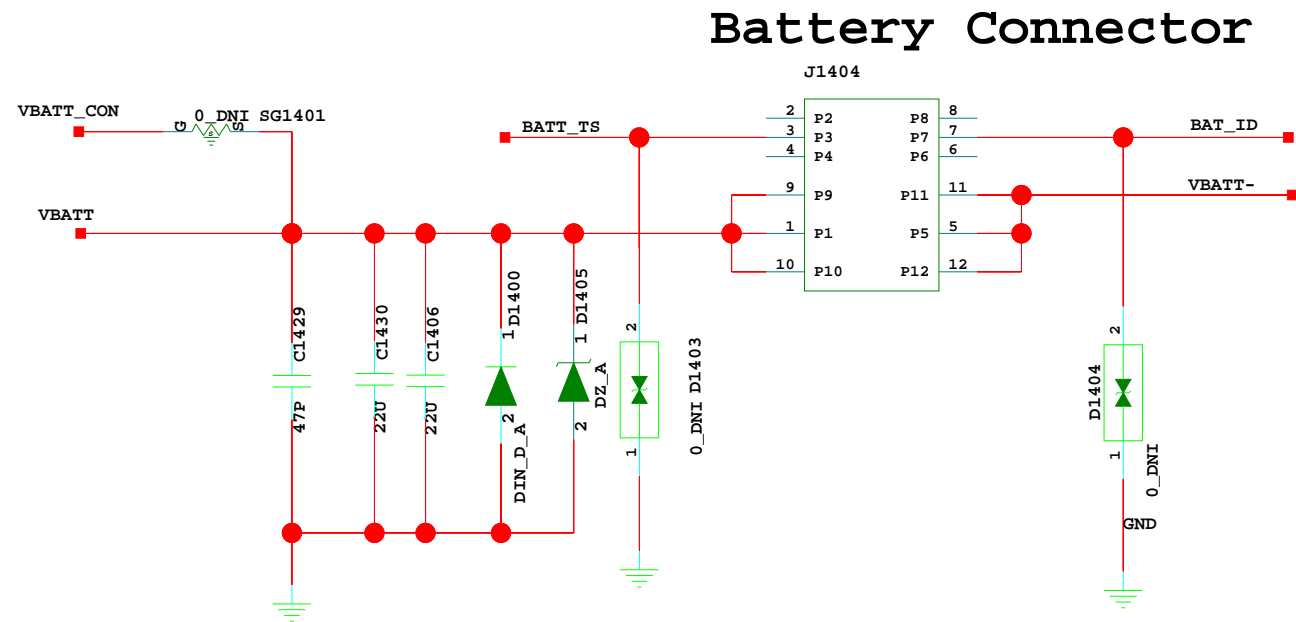
B

C

D

14. Battery & Fuel guage

CAD NOTE:RF filter components layout close to PMU(U1000)



CAD note: differential trace



Battery ID Battery Temperature

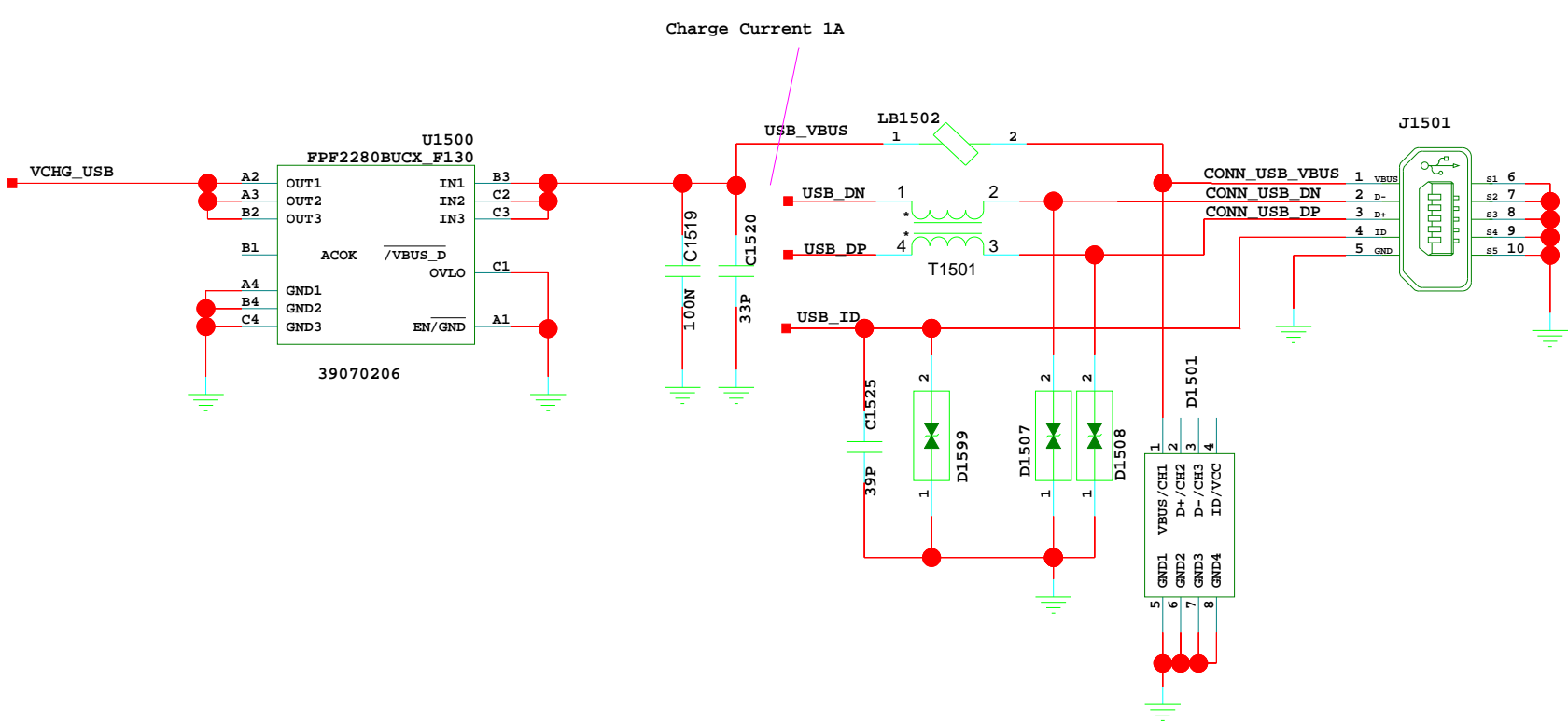
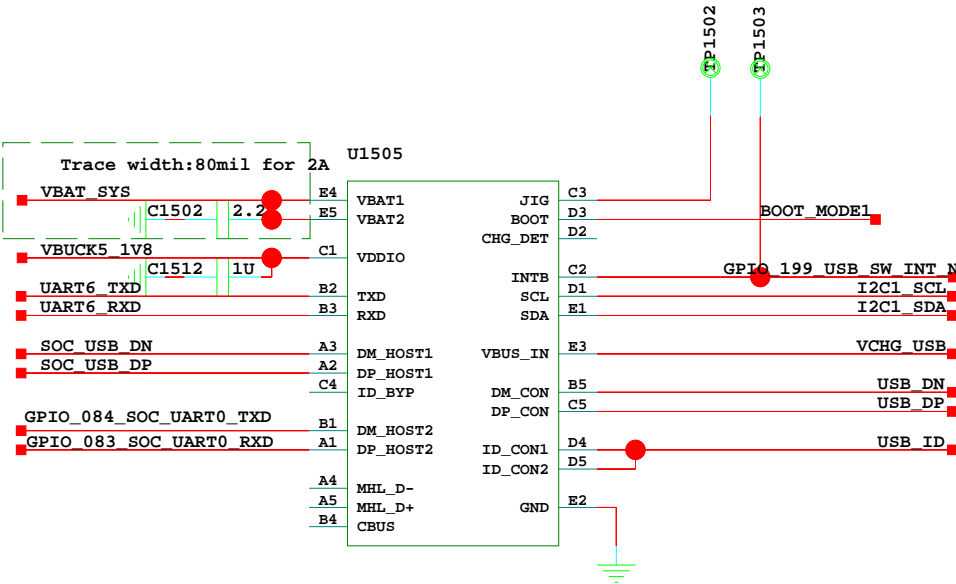
کانال ما در تلگرام

@JahanIC

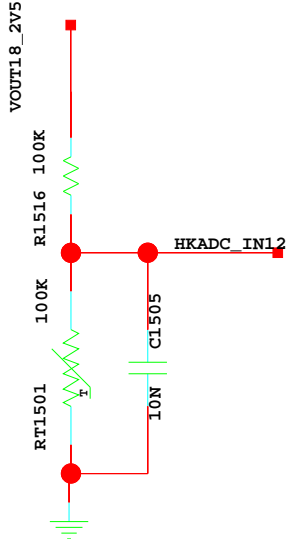
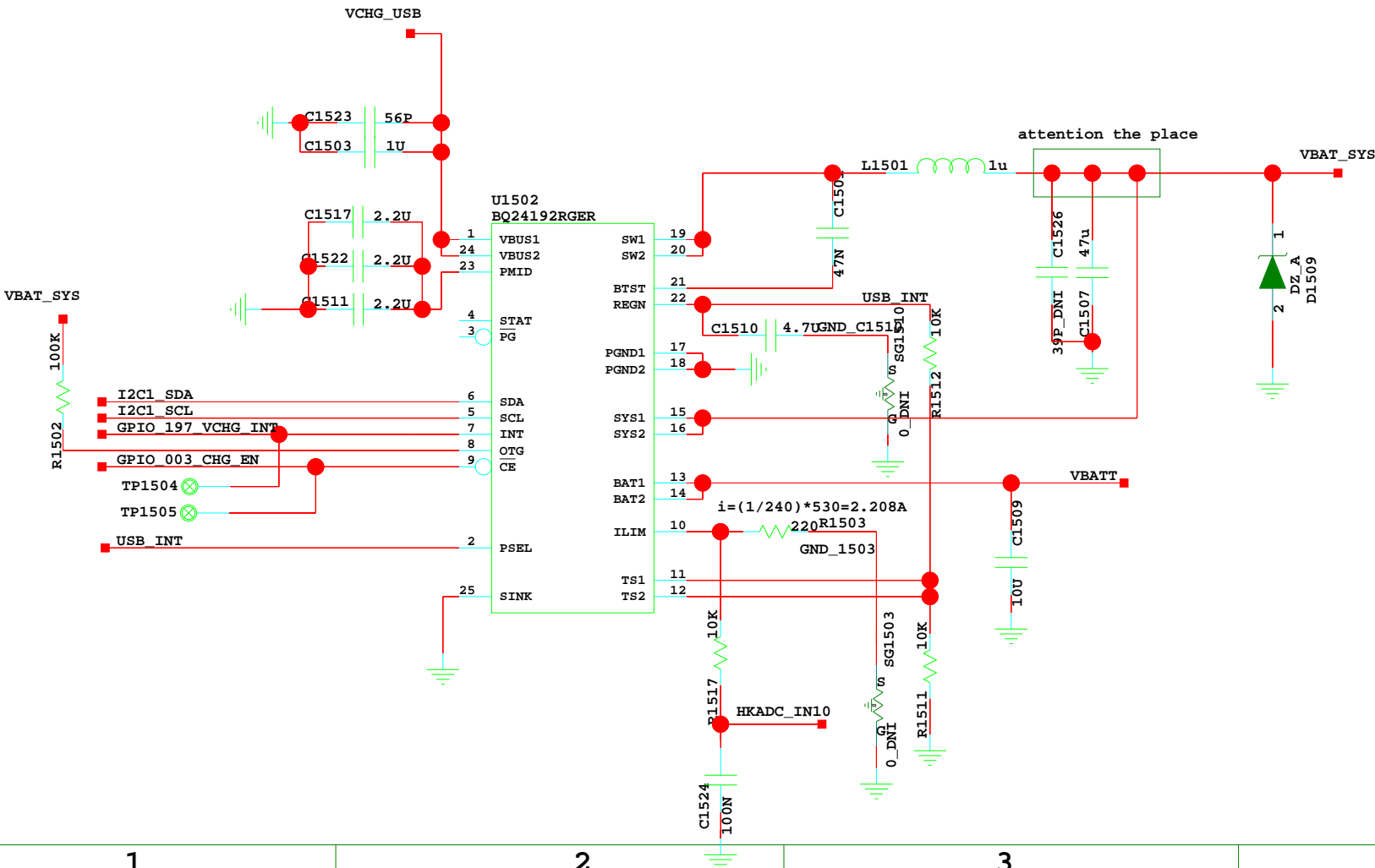
The type and specification of the components refer to the BOM					
				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 14 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

15. Charge Management

USB/MHL/UART SWITCH



Charger IC

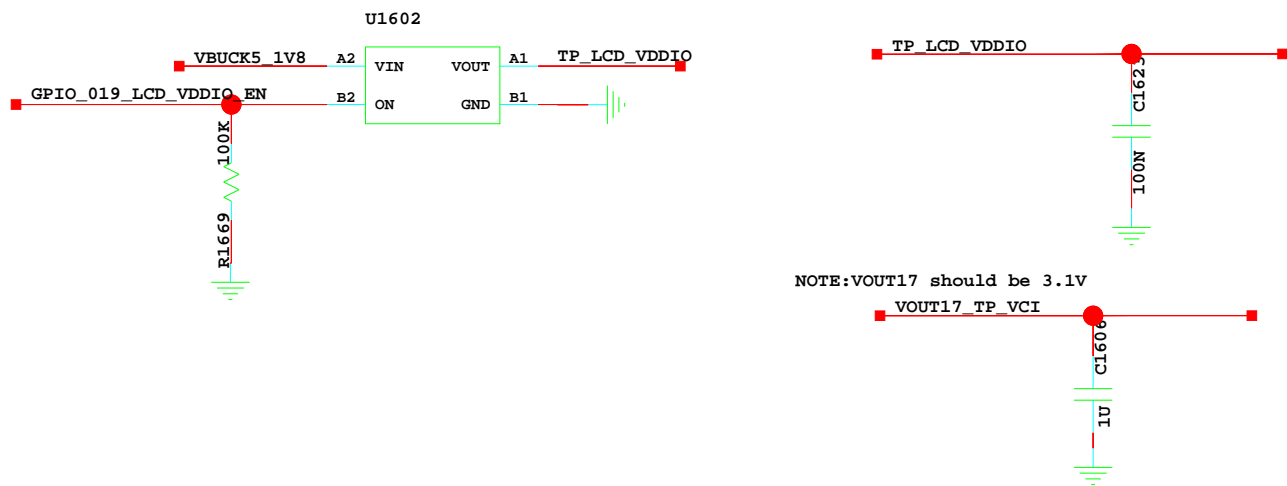
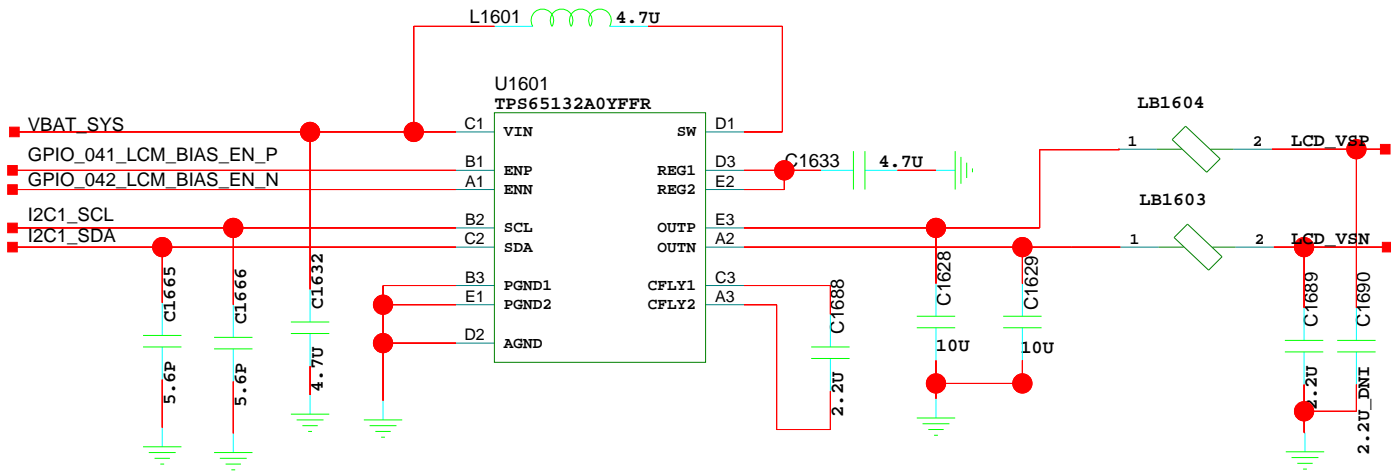


The type and specification of the components refer to the BOM

				28-01-2015_10:11
				20140523
			ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH
REVIEWED	wangweijie /00303684			
		VER	PART_NUMBER	SHEET 15 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD.

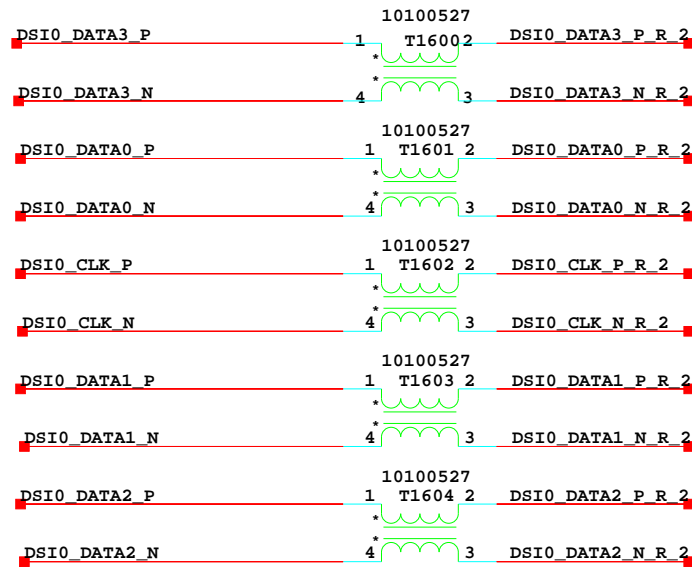
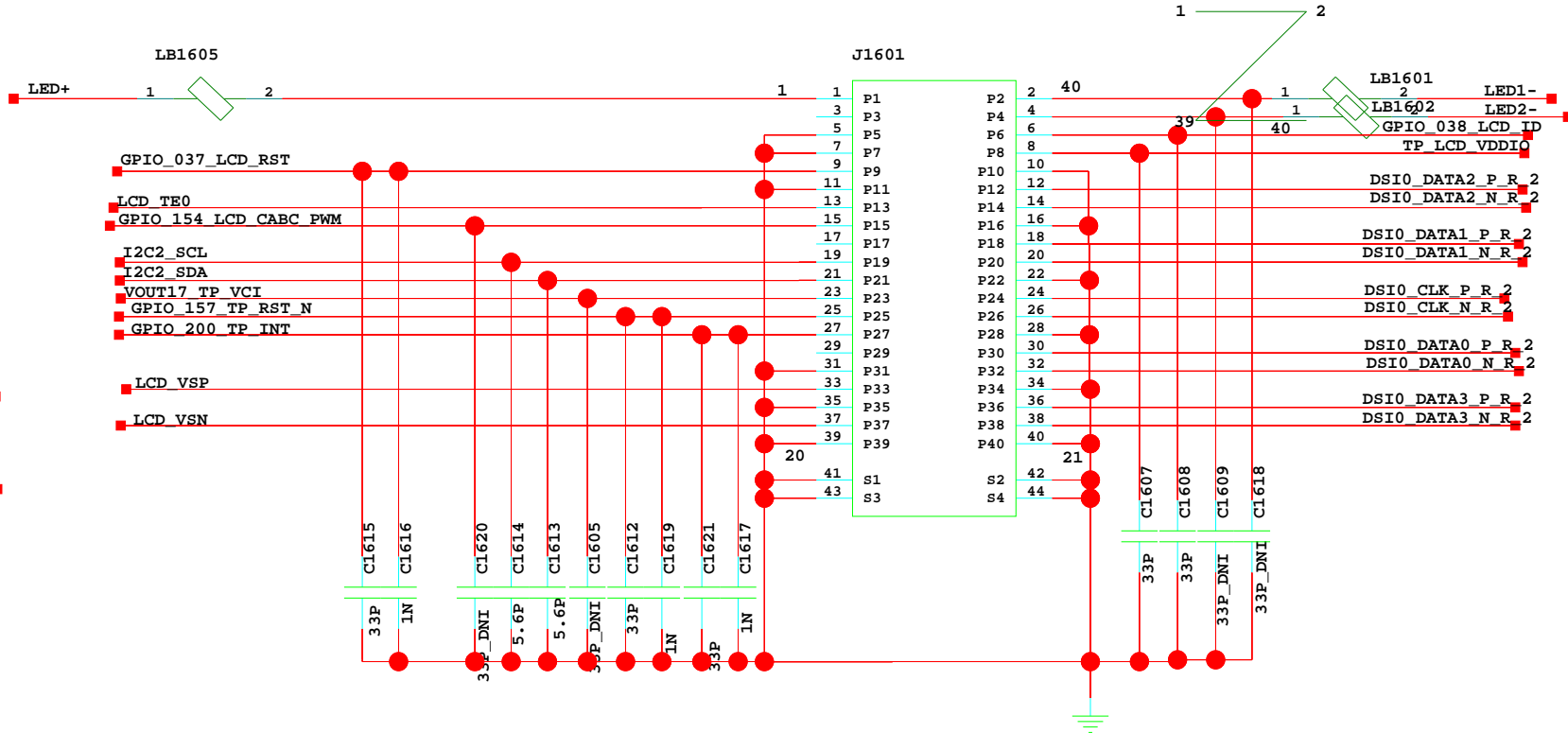
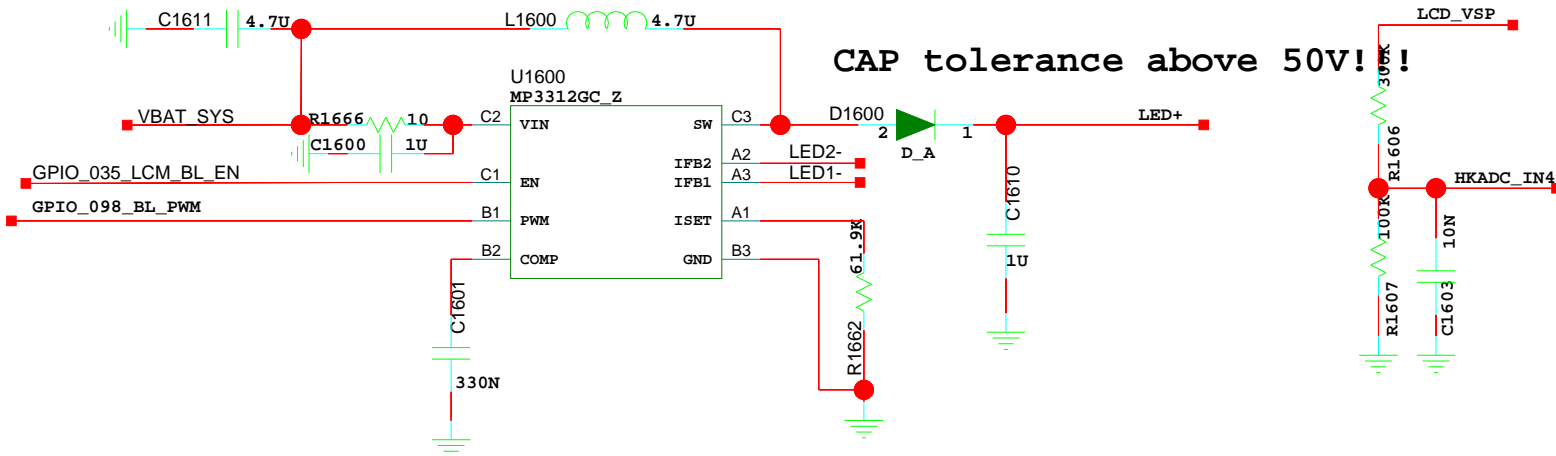
16. LCD Interface

LCD POS/NEG Voltage Driver



LCD BL DRIVER

CAP tolerance above 50V!!

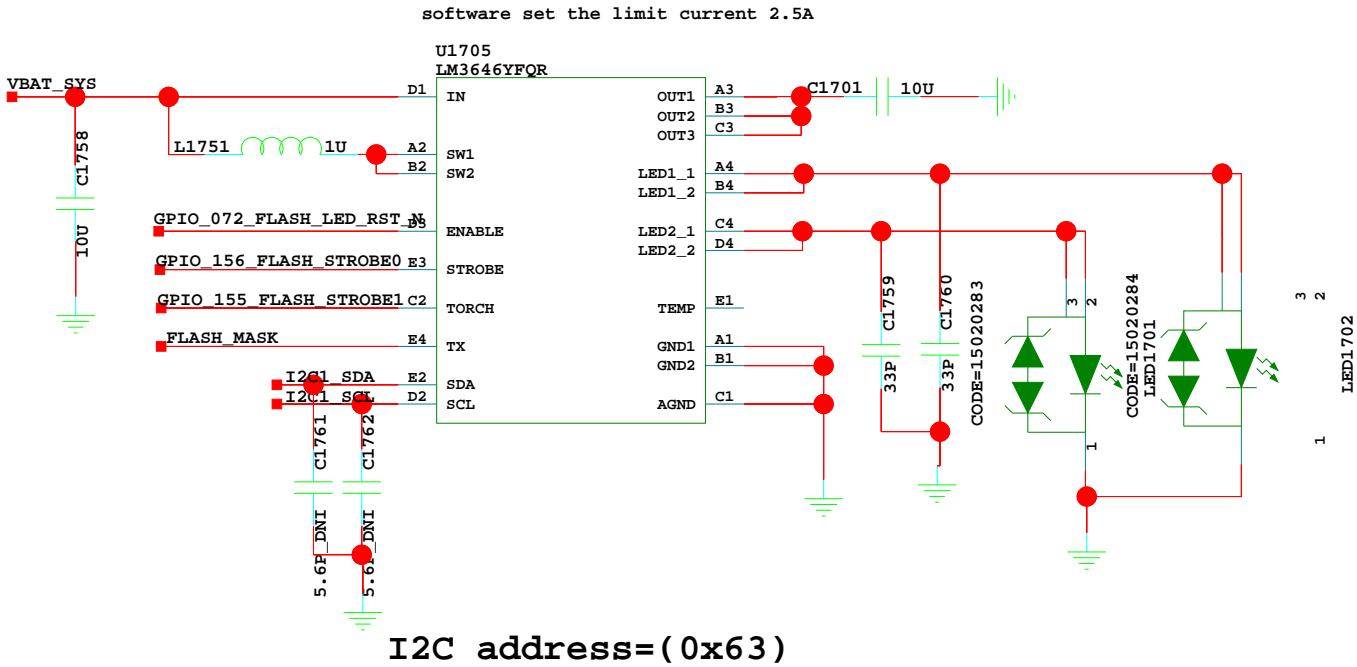


The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 16 OF 60	
		C	03023BRW	HUAWAI TECH CO.,LTD.	

17. Reserved

Flash LED

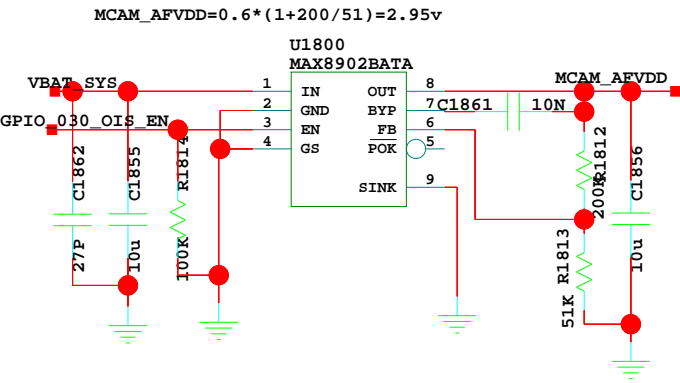
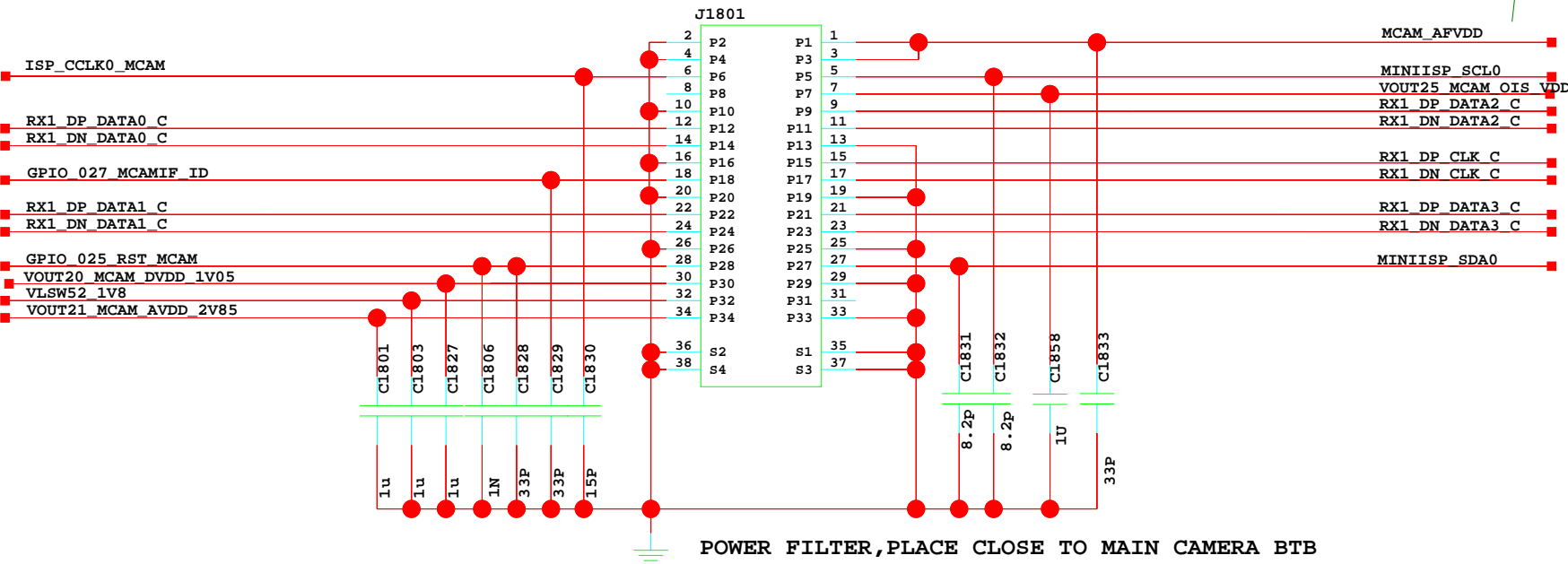


The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 17 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

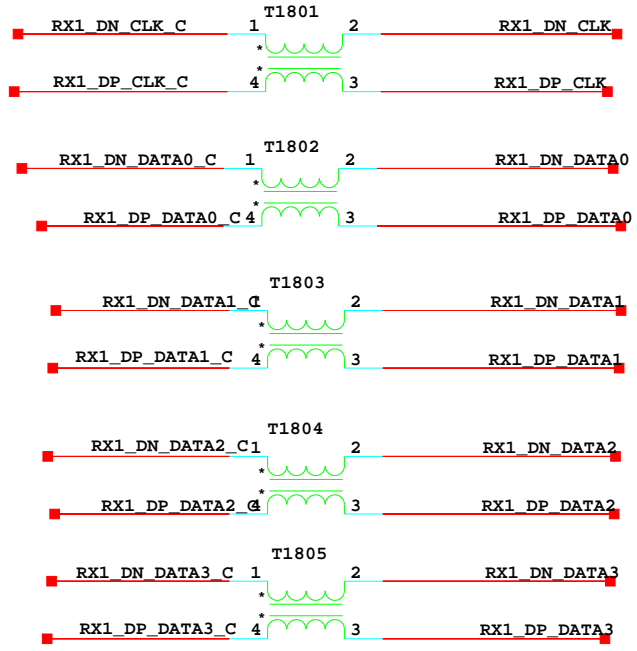
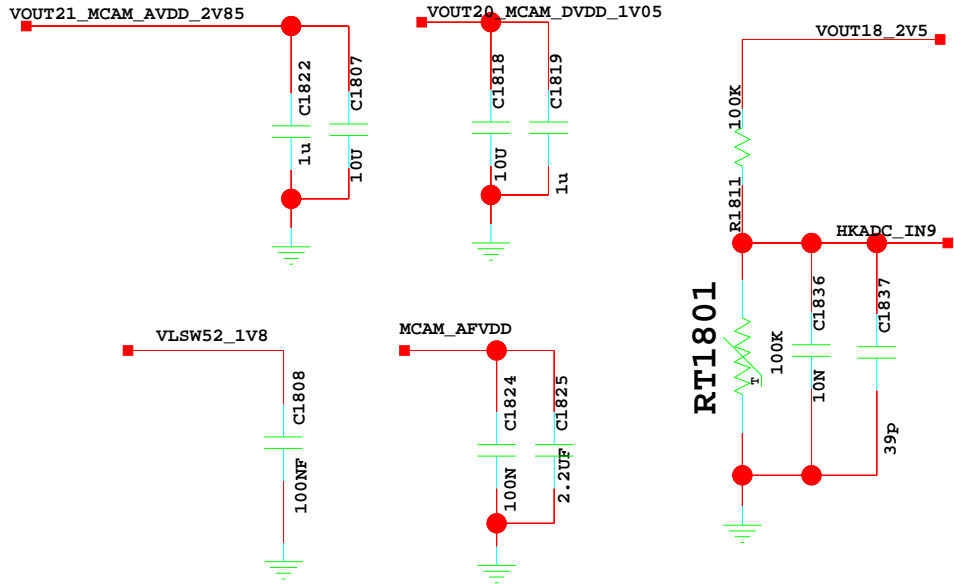
18. Camera

13M MAIN CAMERA

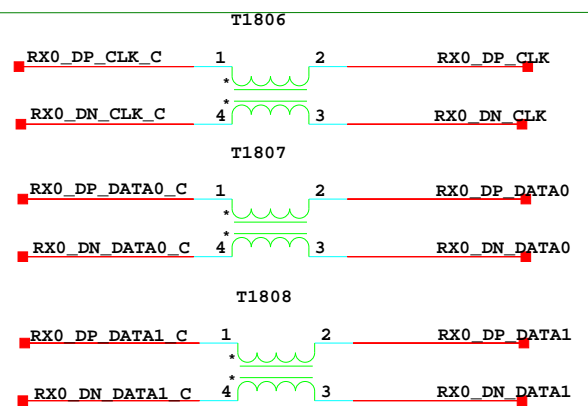
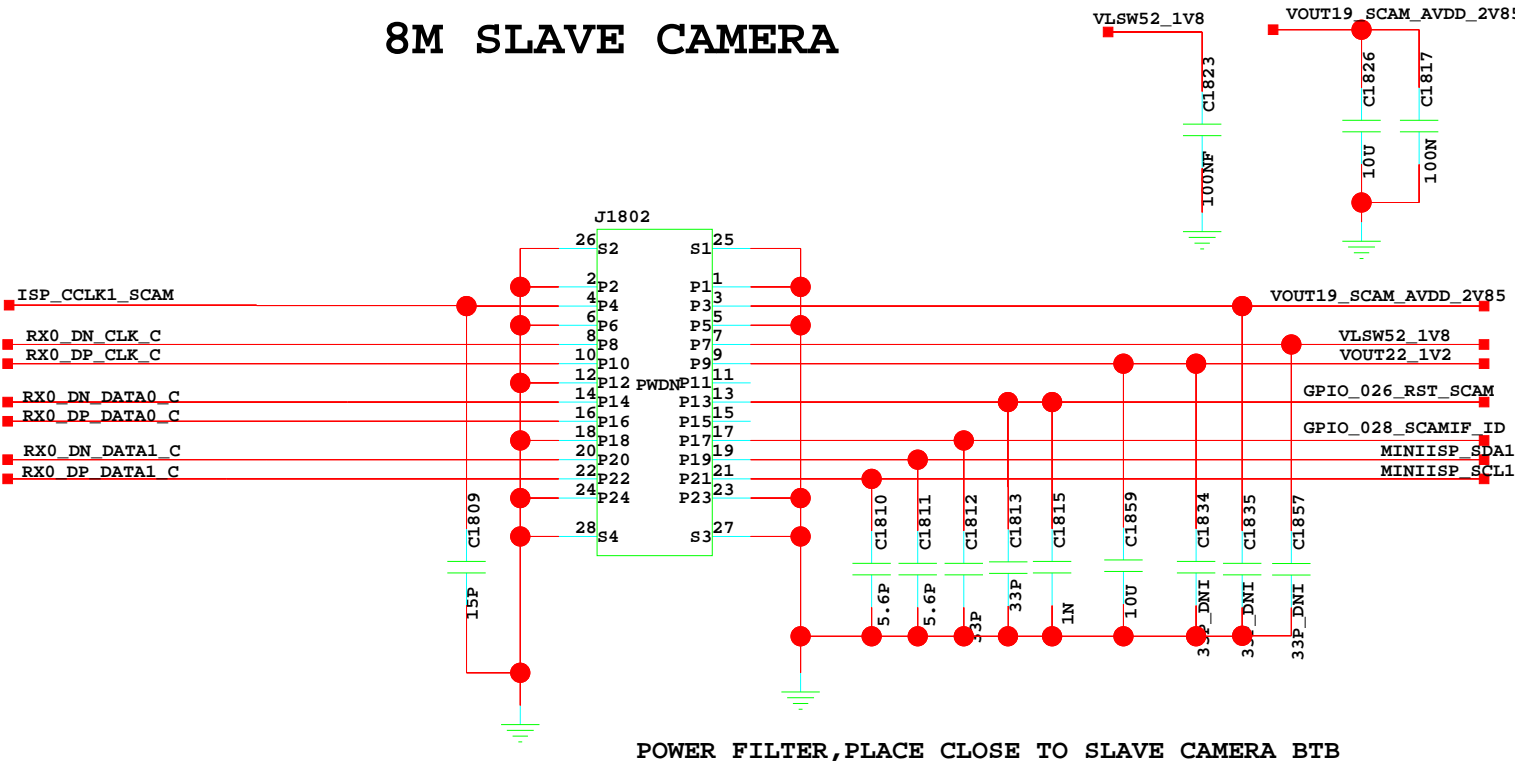


کانال ما در تلگرام

@JahanIC



8M SLAVE CAMERA



The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 18 OF 60	
		C	03023BRW	HUAWAI TECH CO.,LTD.	

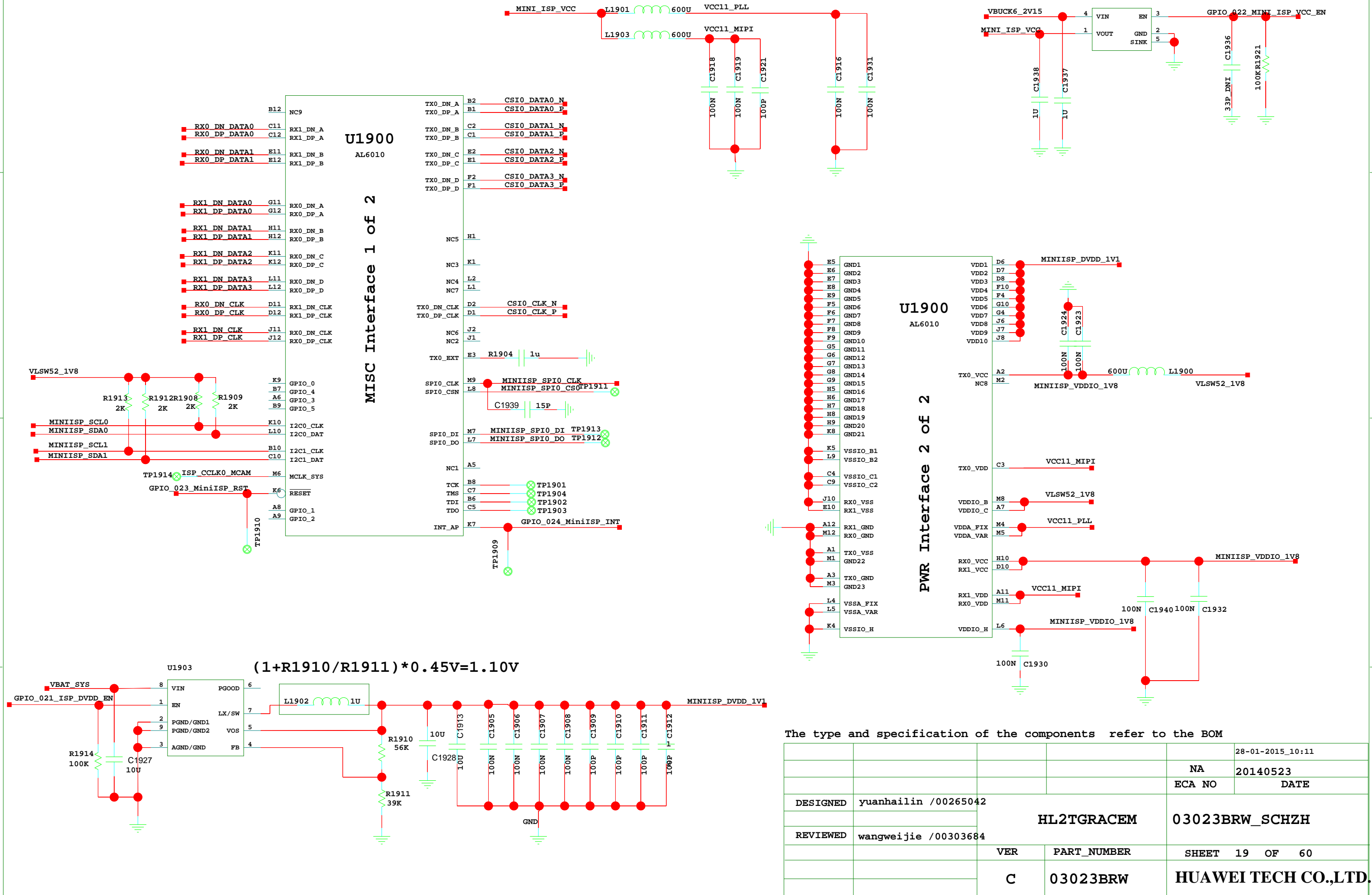
19. Reserved for ISP

A

B

C

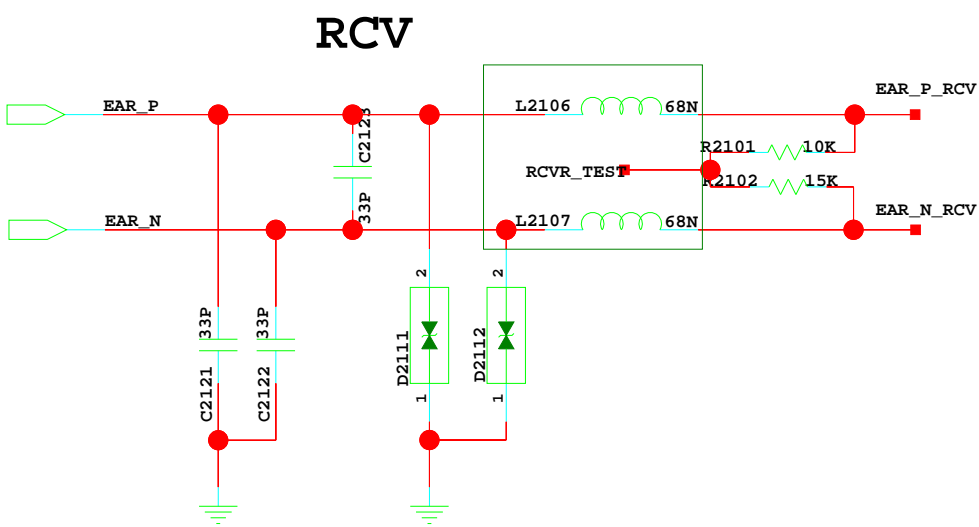
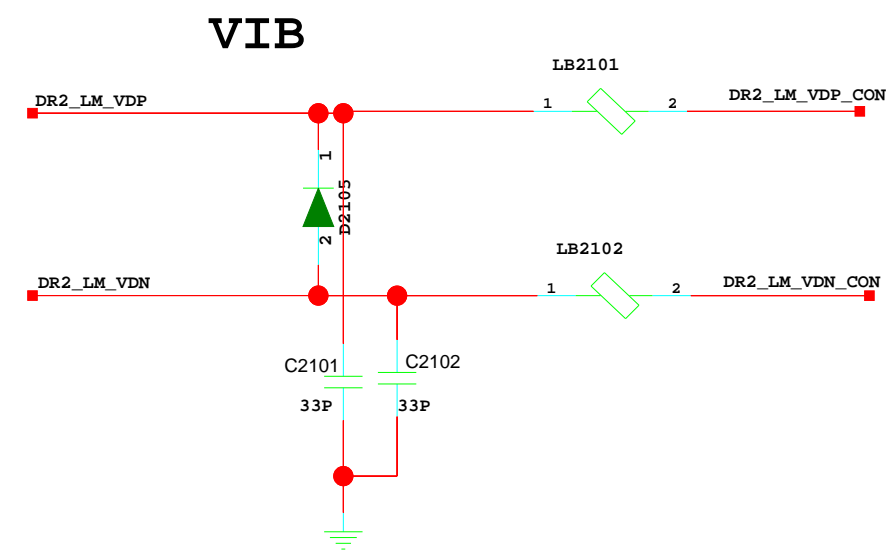
D





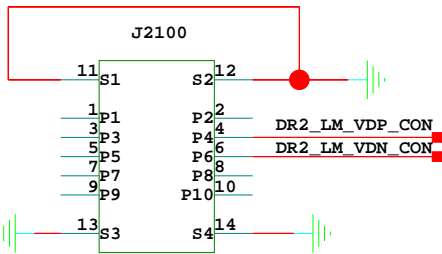
				NA	
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET	20 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD	

21. MIC/RCV/SPK/VIB

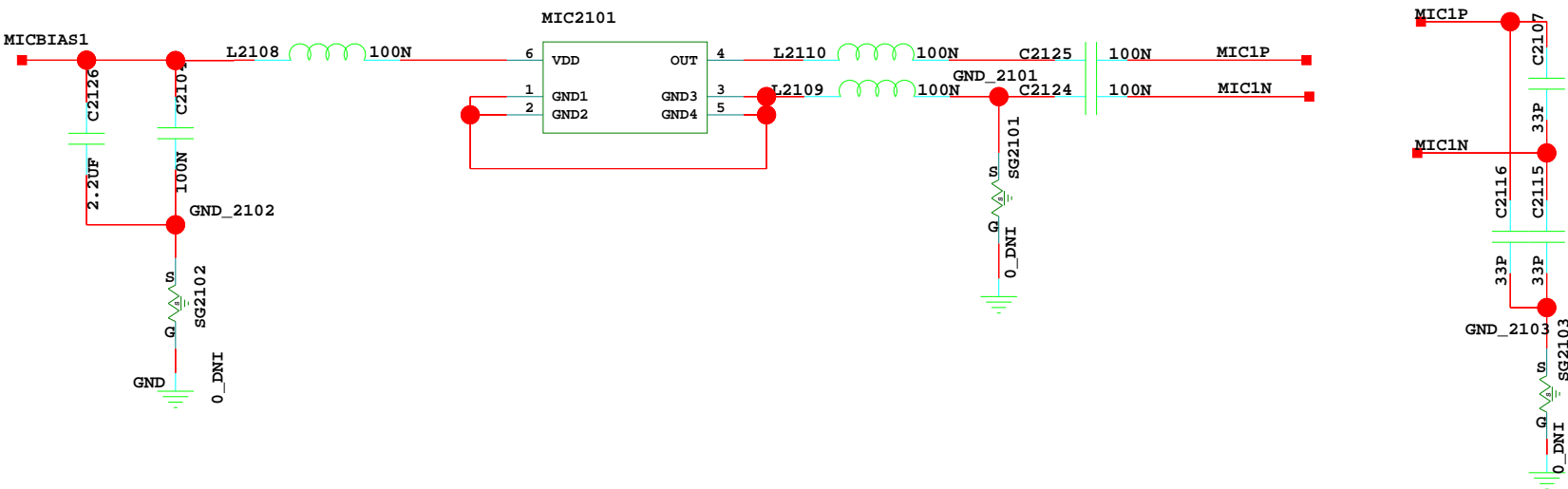


CAD note: MIC need differential trace
Secondary MIC

MIC/VIB CON



MIC

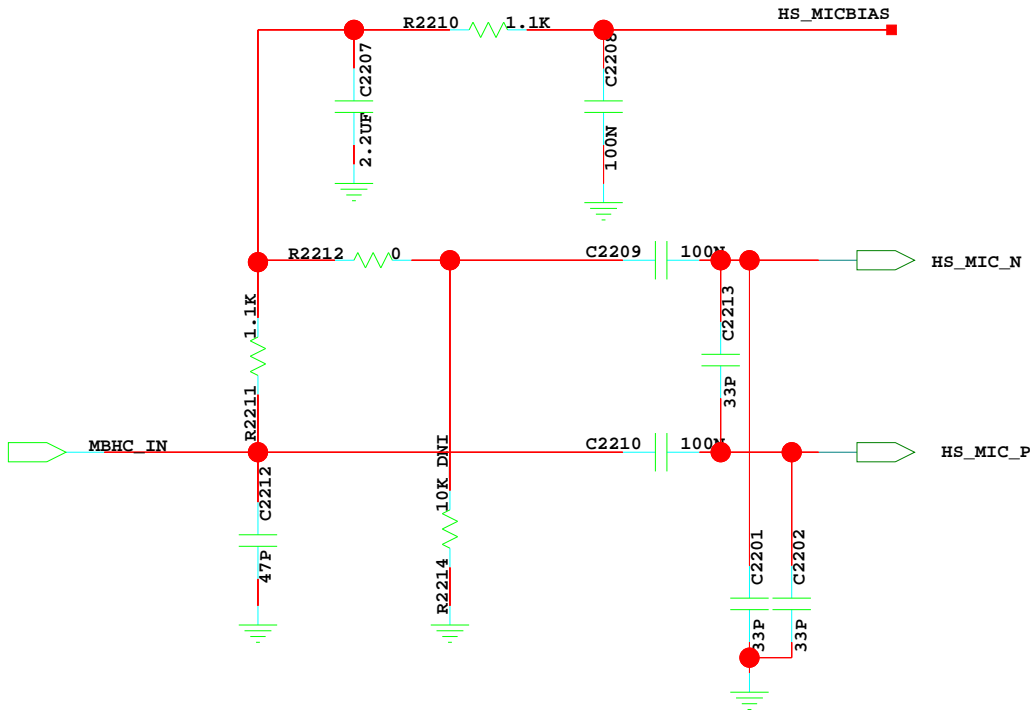
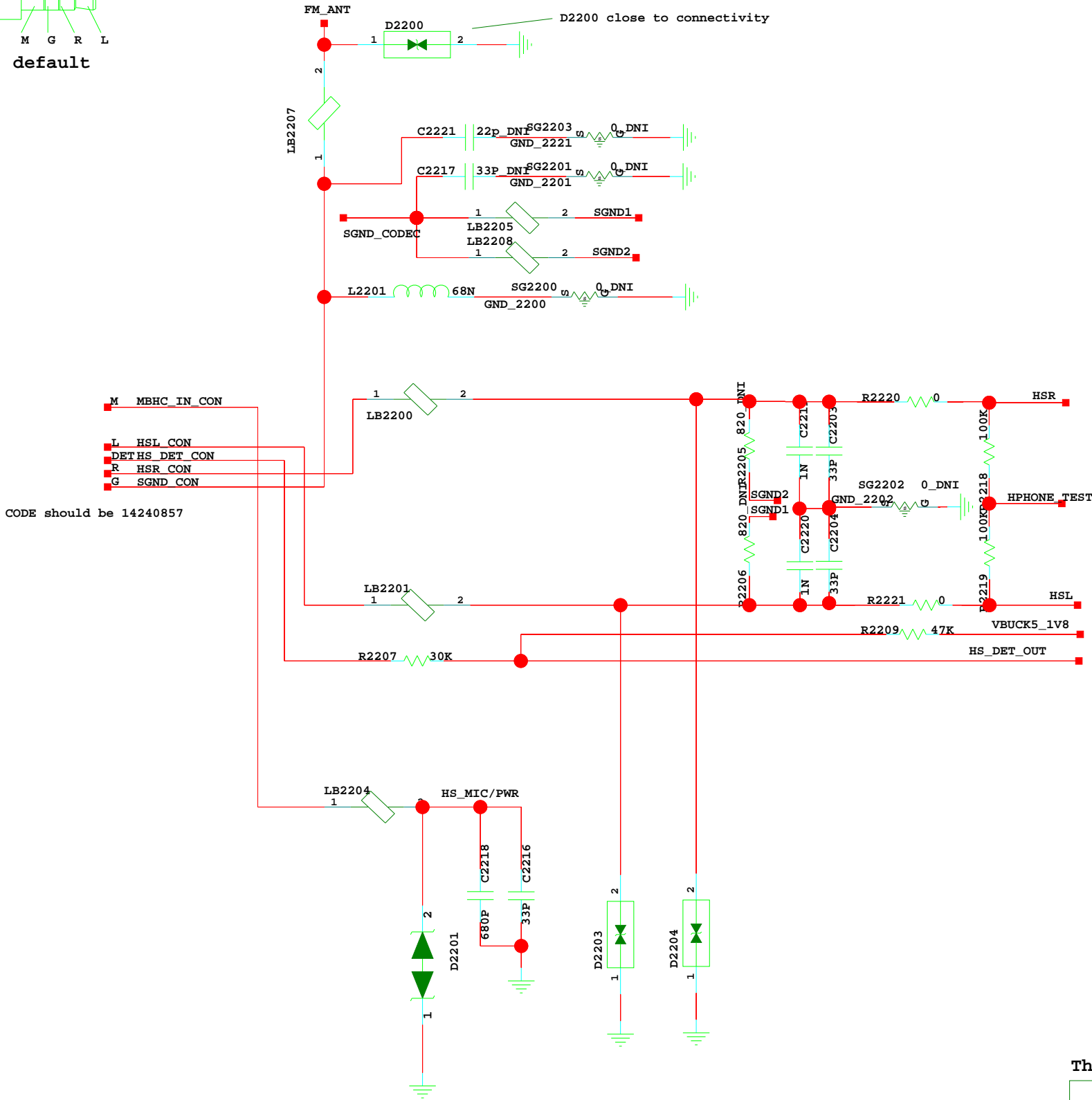
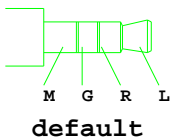


کانال ما در تلگرام

@JahanIC

The type and specification of the components refer to the BOM					
				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 21 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

22. Headphone



The type and specification of the components refer to the BOM					
				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 22 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

A



C

C

D

D

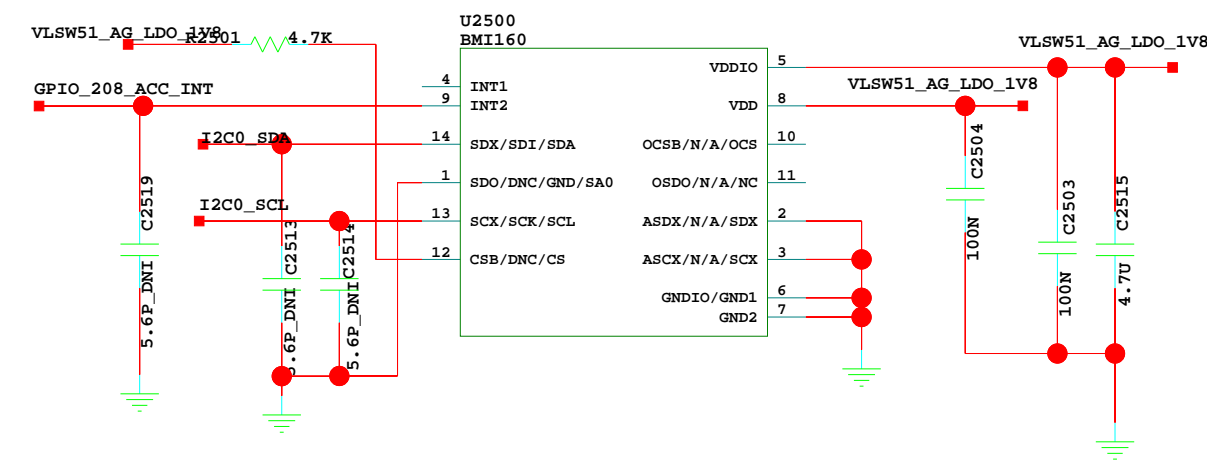
24. Healthy Headphone

The type and specification of the components refer to the BOM

					28-01-2015_10:11
					20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM			03023BRW_SCHZH
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 24 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

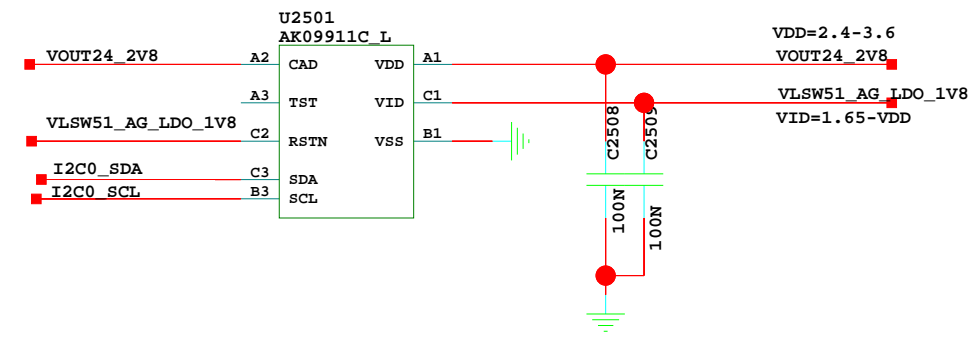
25. X-Sensor

Accelerometer and Gyroscope 6-AXIS SENSOR



SDO=1 ADDRESS=0X6B (ST) / 0X69 (BOSCH)
SDO=0 ADDRESS=0X6A (ST) / 0X68 (BOSCH)

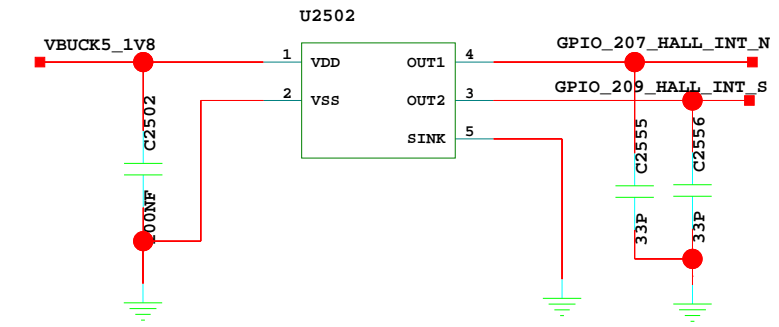
Compass



کانال ما در تلگرام

@JahanIC

Hall

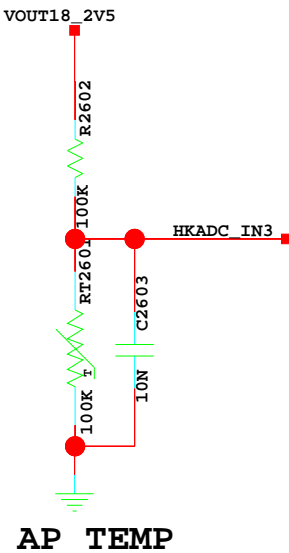


The type and specification of the components refer to the BOM

				NA	2012-09-20
				ECA NO	20140523
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684	VER		PART_NUMBER	
		C		03023BRW	
		SHEET		25 OF 60	
				HUAWEI TECH CO.,LTD.	

26. X-Sensor+IrDA

Hot Area TMP sensor



The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM			03023BRW_SCHZH
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 26 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

27. External DC/DC

کانال ما در تلگرام

@JahanIC

The type and specification of the components refer to the BOM

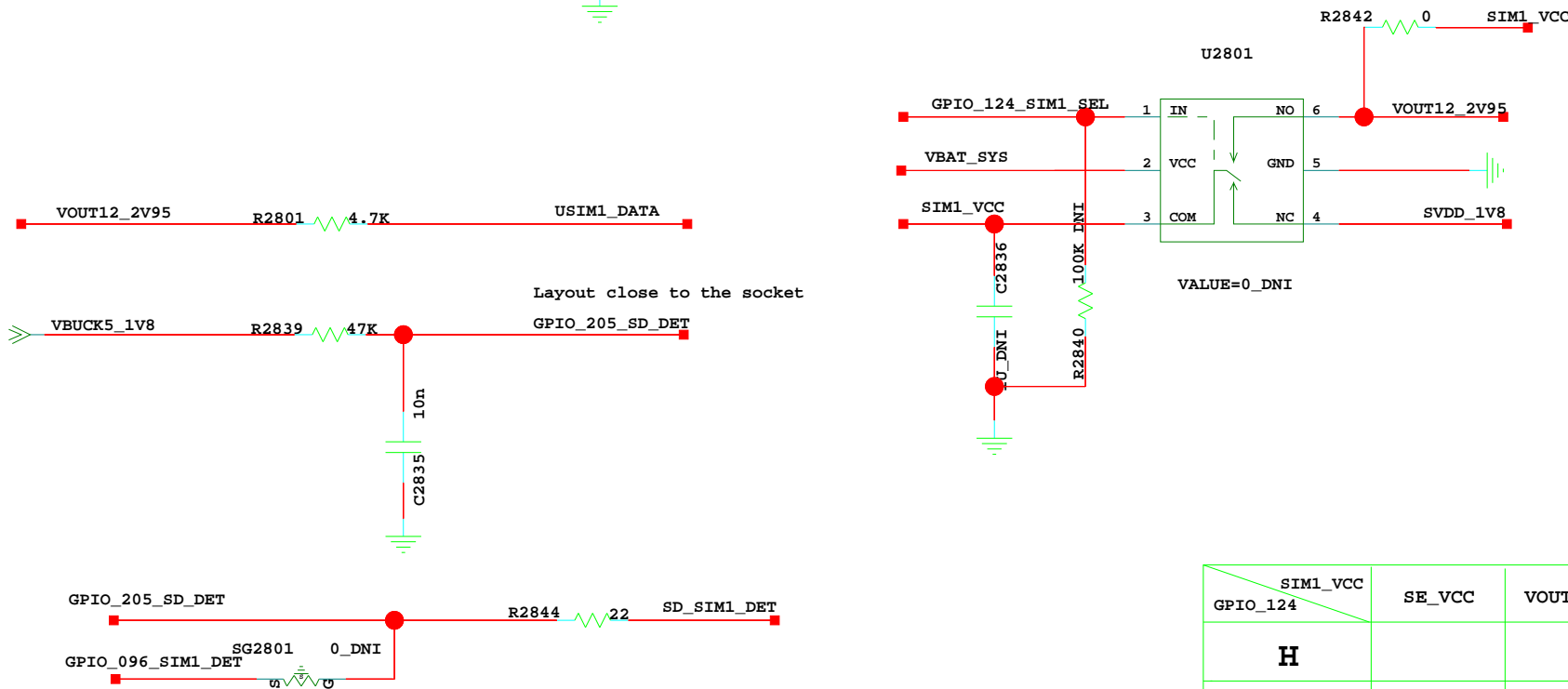
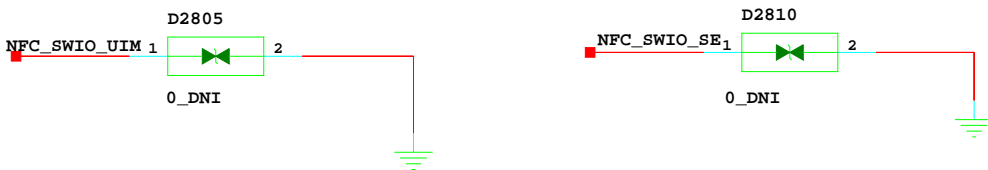
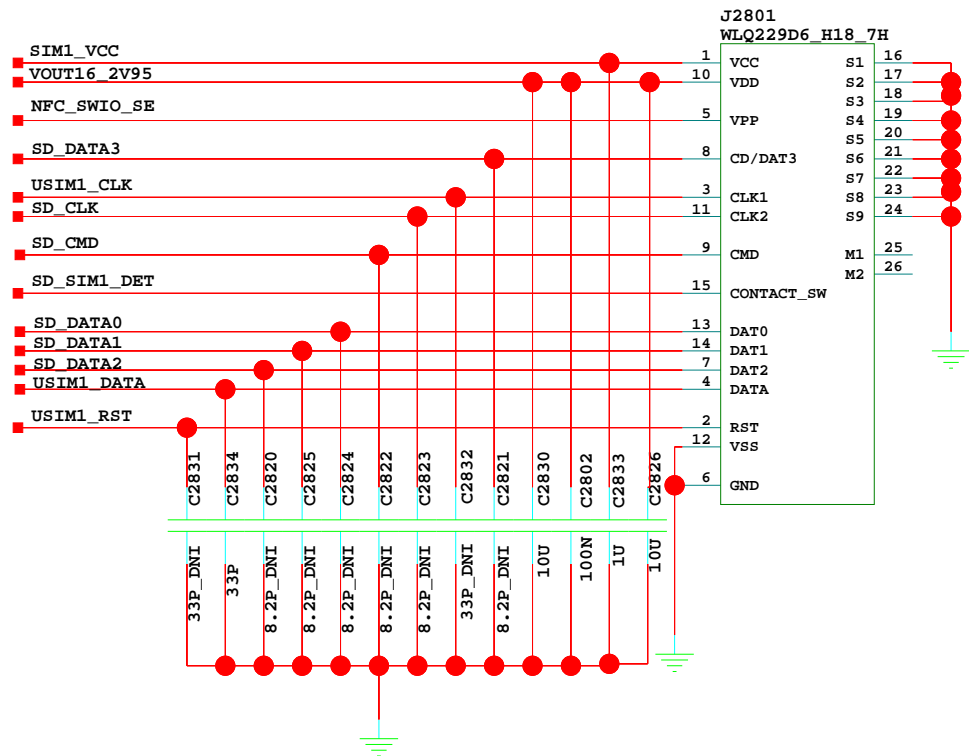
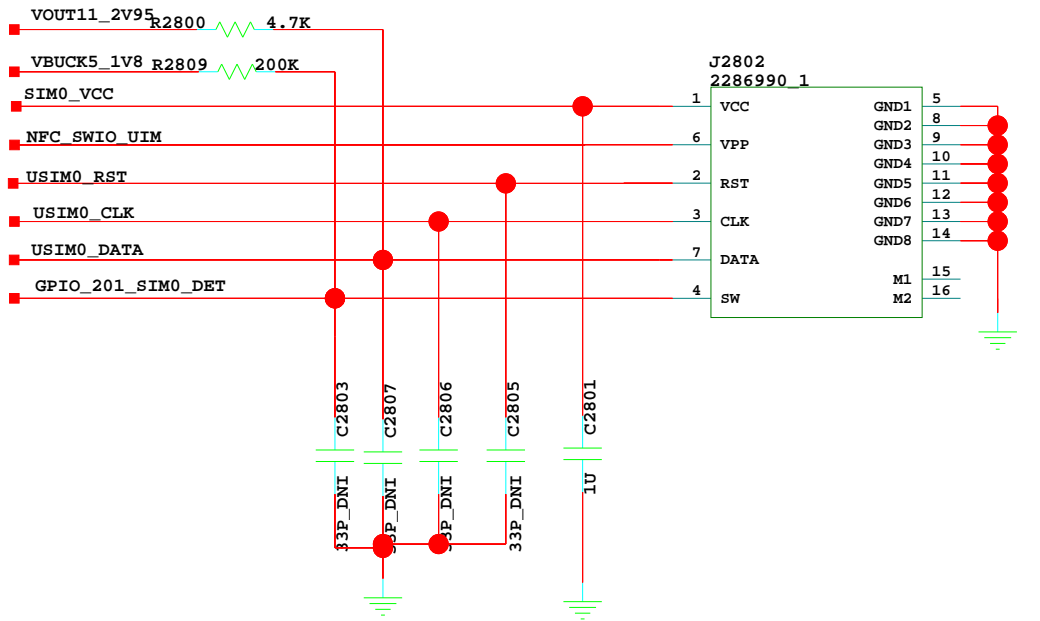
				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM			03023BRW_SCHZH
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 27 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

28. SIM/uSD Card

GSM SIM1/Micro SD CARD

DNI FOR V2

SIM Card 0

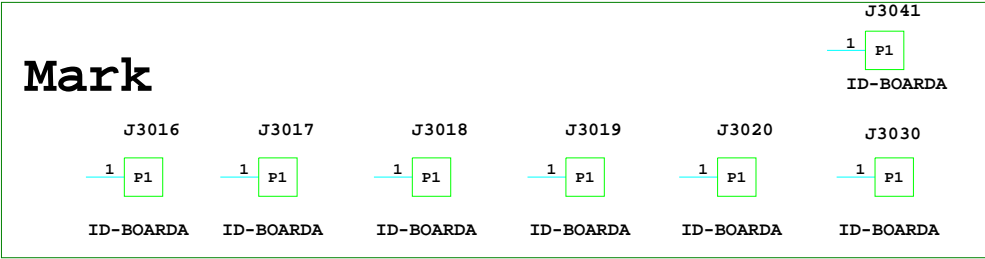
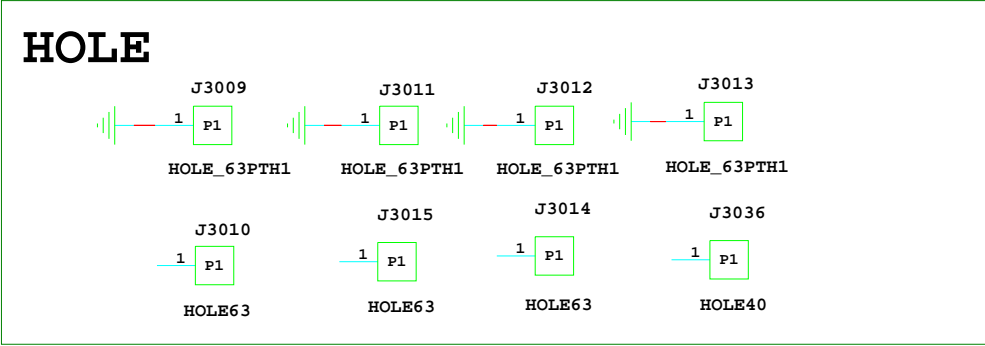
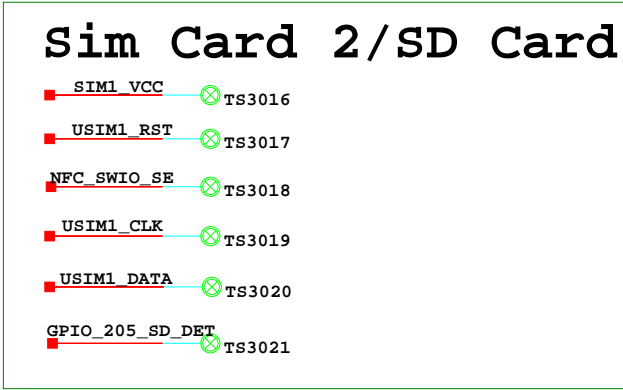
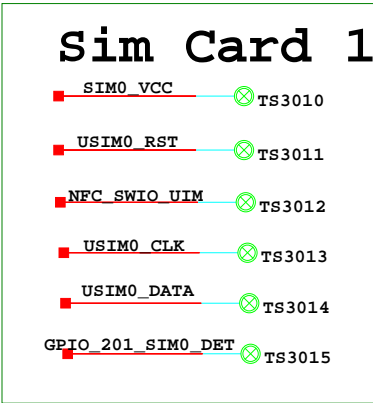
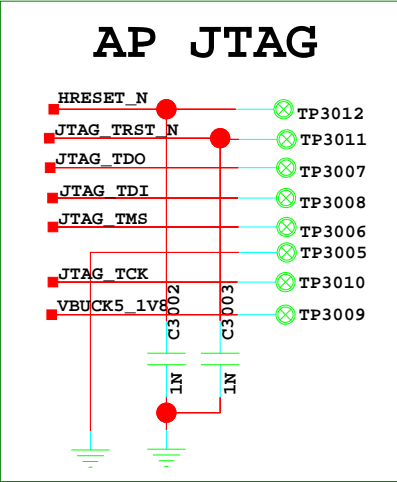


SIM1_VCC GPIO_124	SE_VCC	VOUT12_2V95
H		
L		

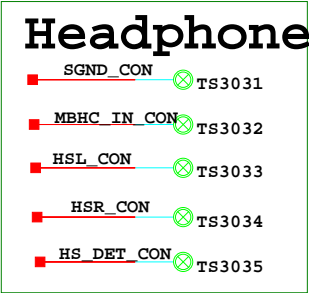
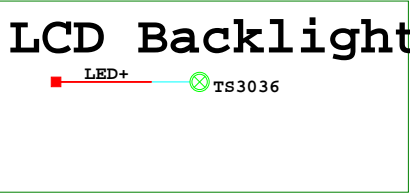
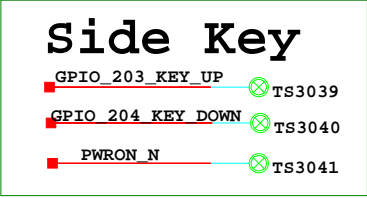
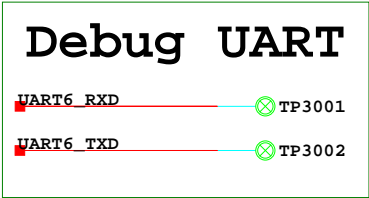
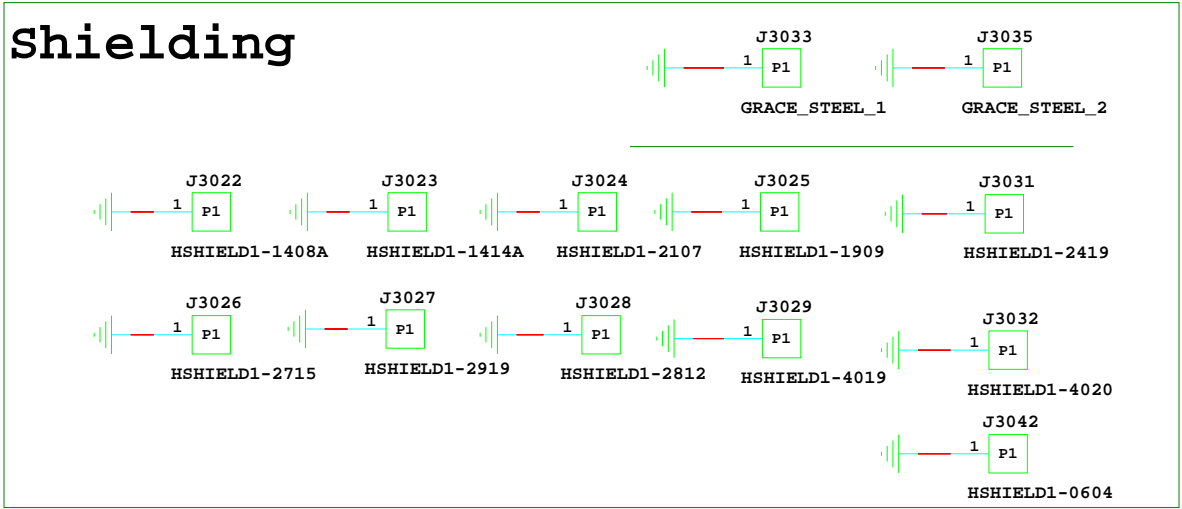
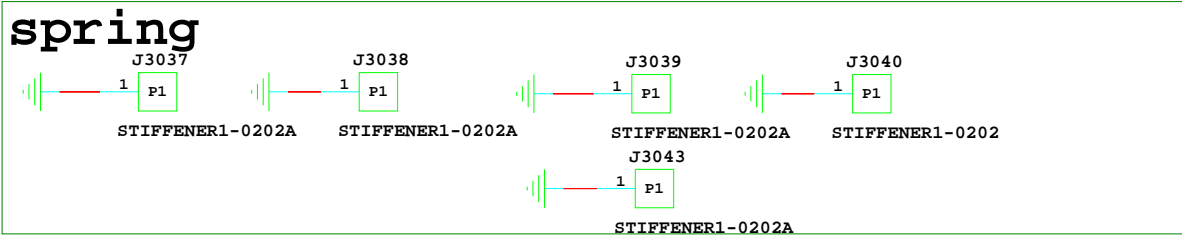
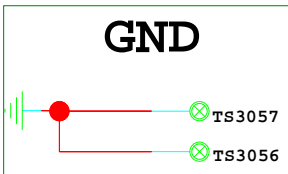
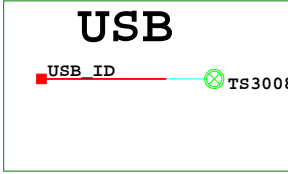
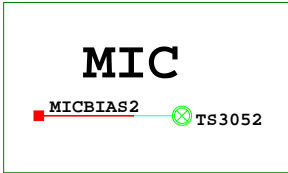
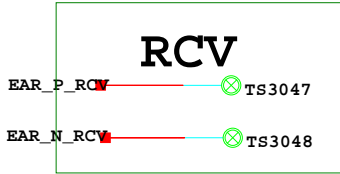
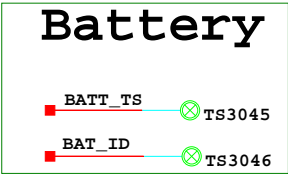
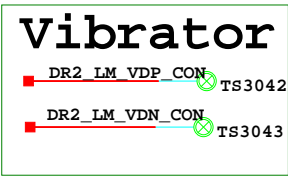
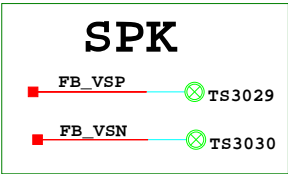
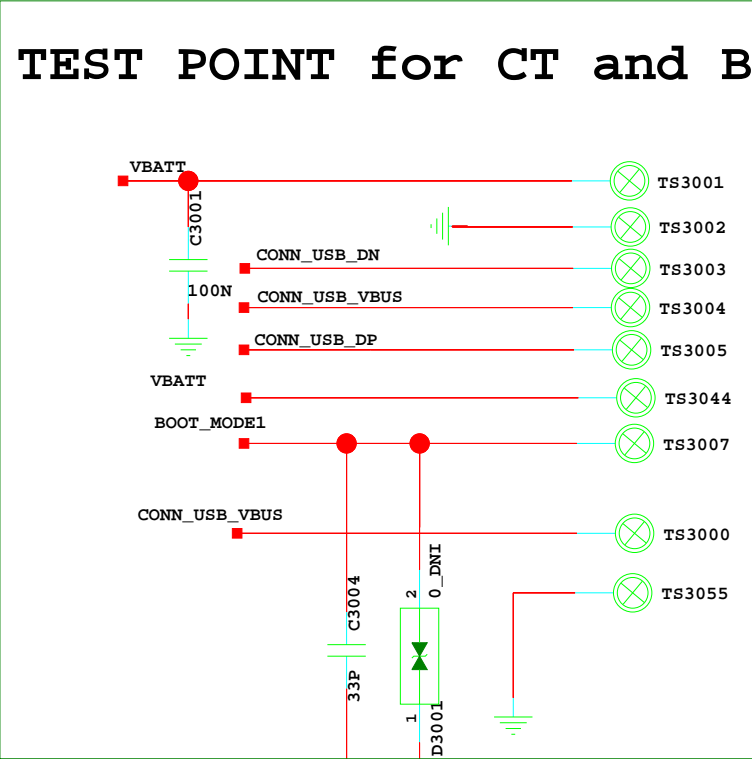
The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 28 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

30. Test Point/Shielding



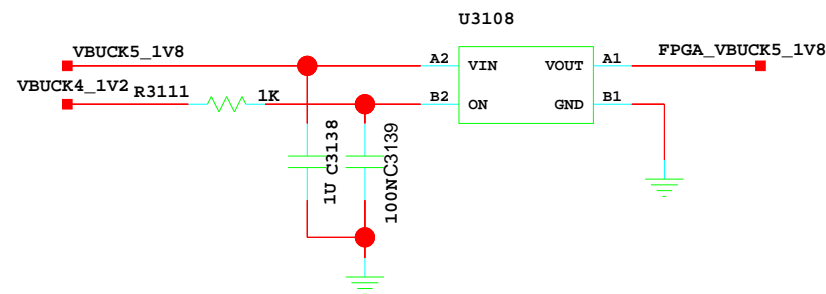
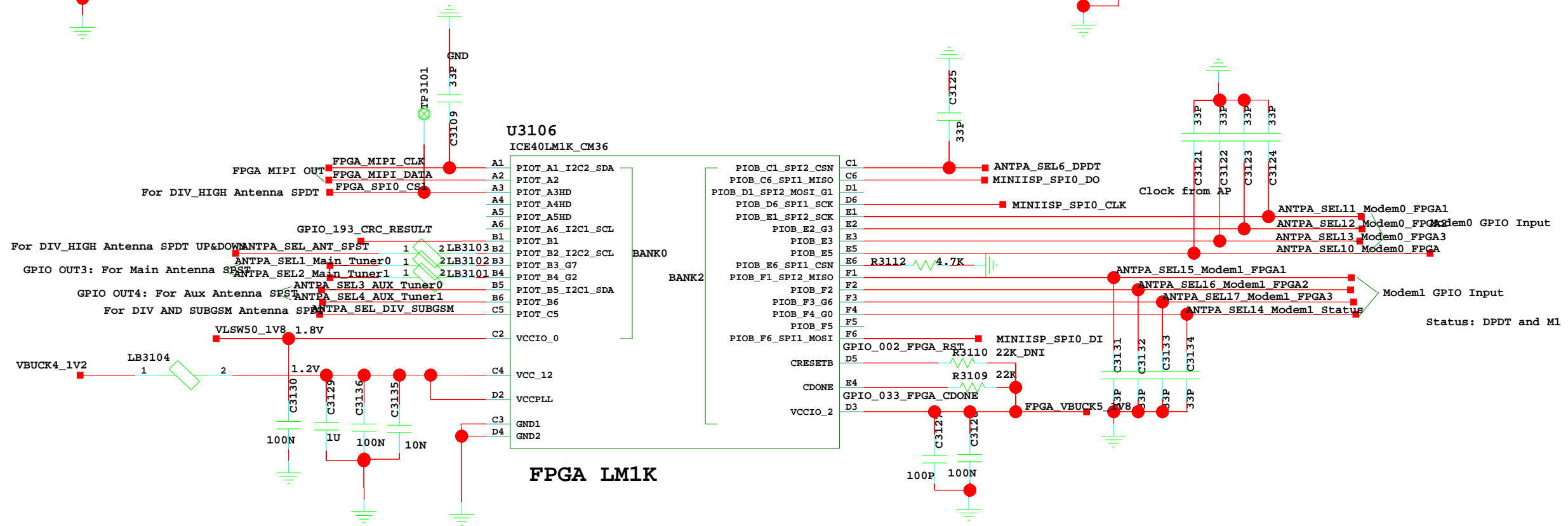
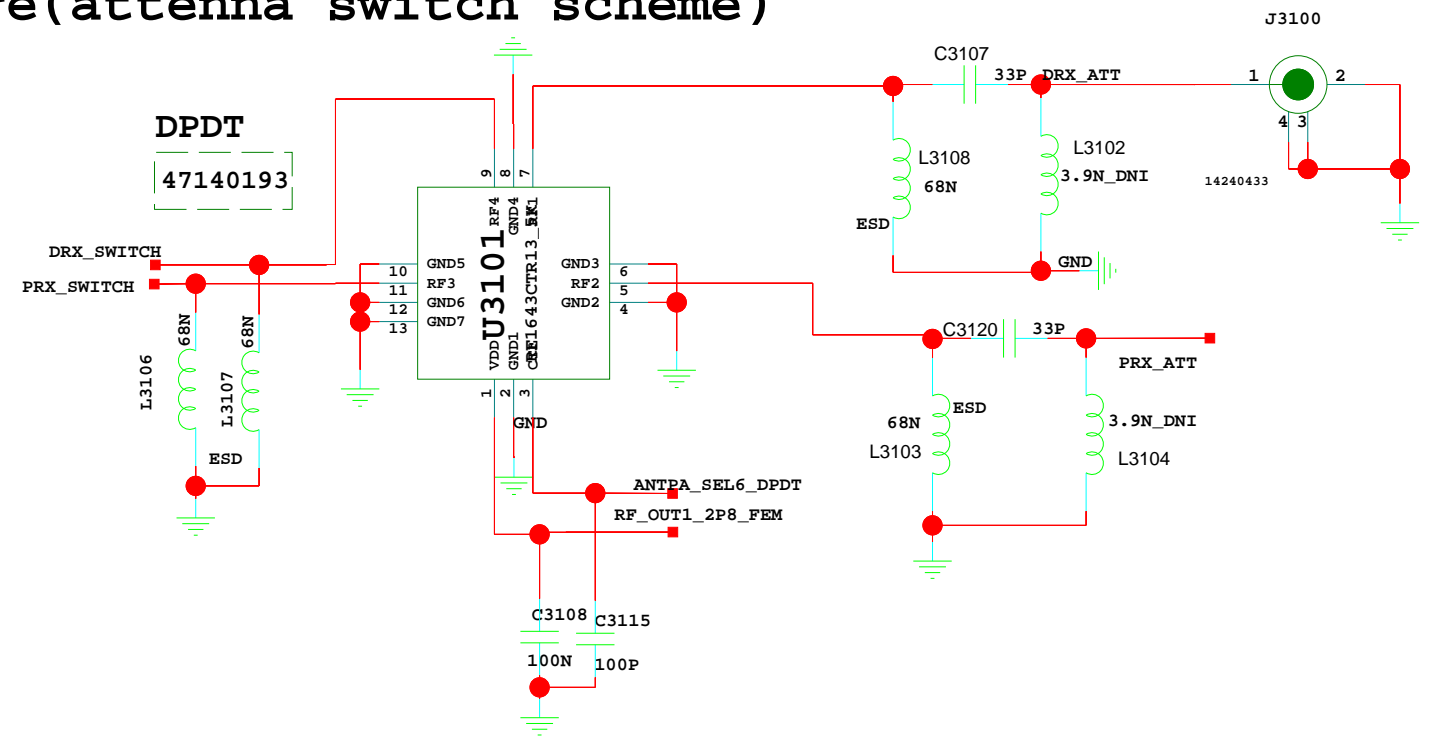
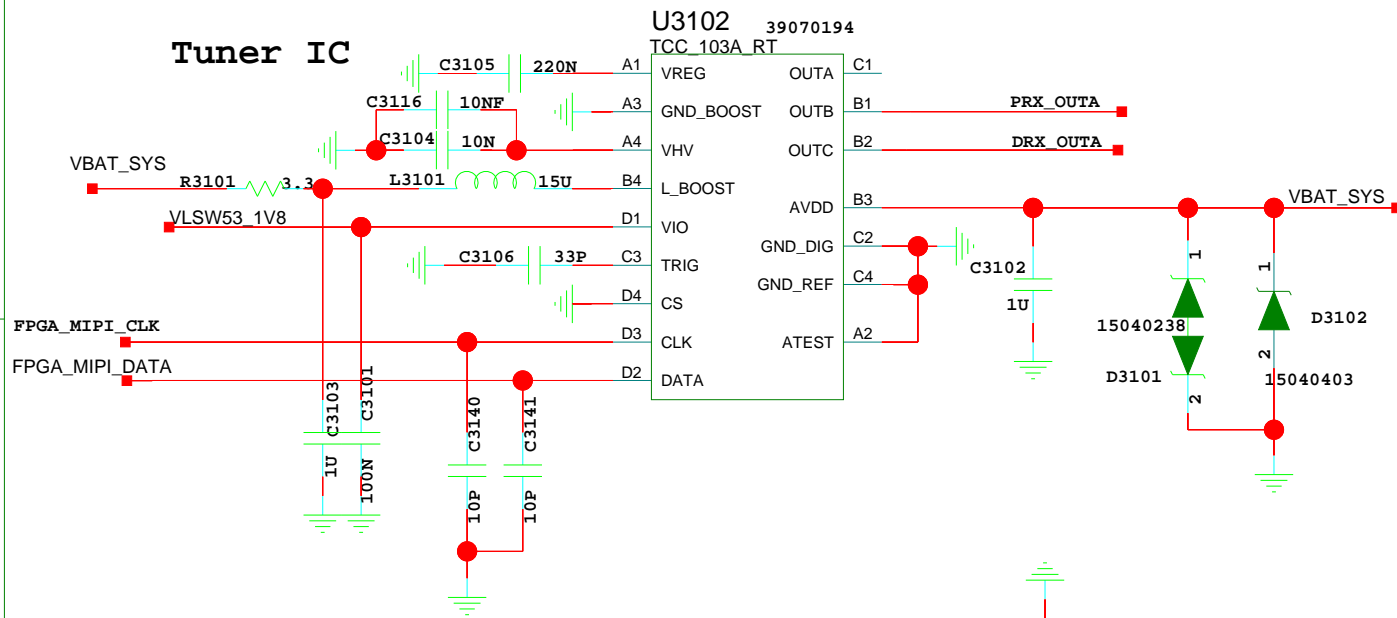
TEST POINT for CT and BT



The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 30 OF 60	
		C	03023BRW	HUAWAI TECH CO.,LTD.	

31. TUNER IC and FPGA not sure(antenna switch scheme)

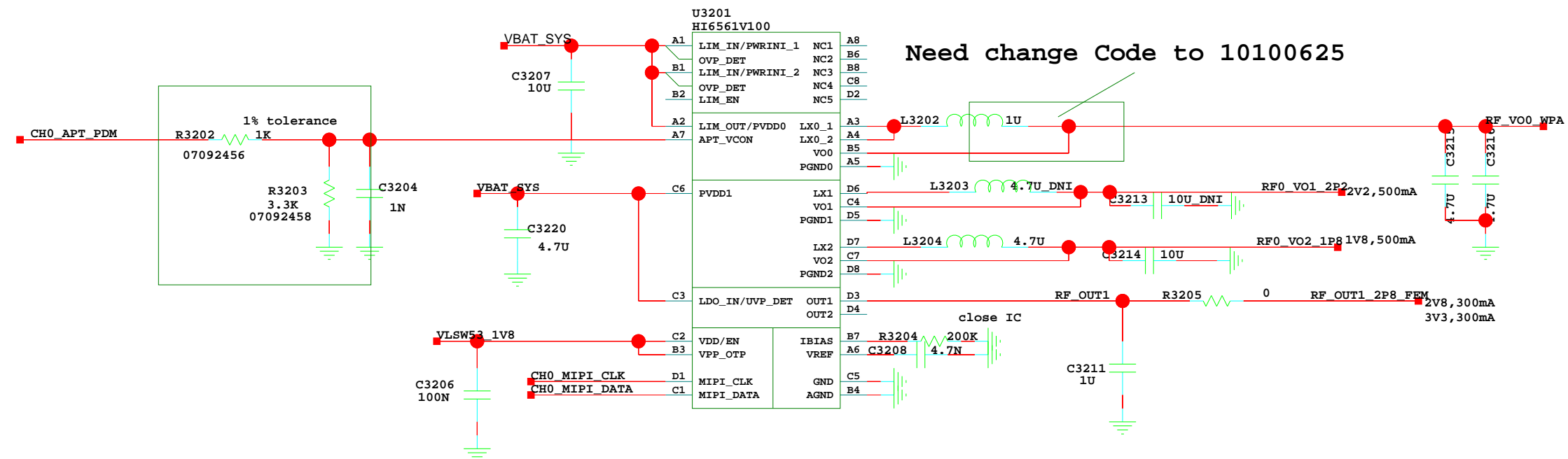


The type and specification of the components refer to the BOM

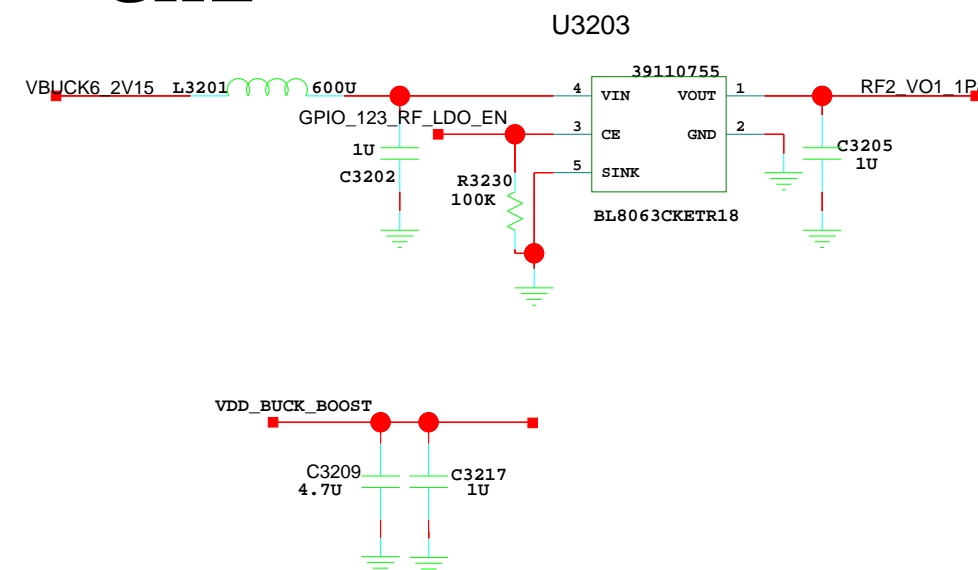
					28-01-2015_10:11
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET	31 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD.	

32.RF PMU(CH0)/External Regulator£"CH1£©

CH0



CH1



کانال ما در تلگرام

@JahanIC

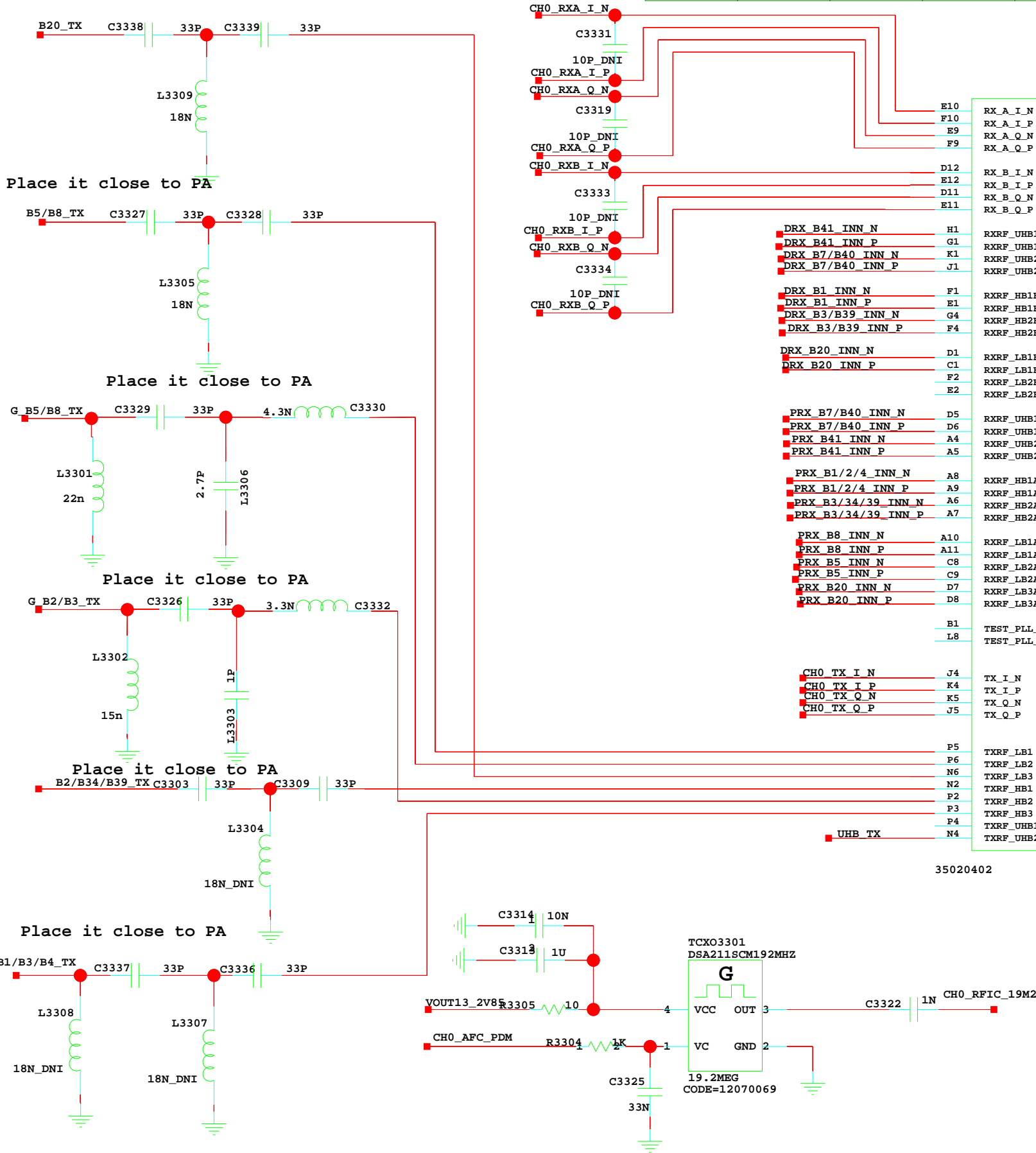
The type and specification of the components refer to the BOM

				28-01-2015_10:11
				NA
				ECA NO
DESIGNED	yuanhailin /00265042			DATE
		HL2TGRACEM		03023BRW_SCHZH
REVIEWED	wangweijie /00303684			
		VER	PART_NUMBER	SHEET 32 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD.

33.RF Transceiver0(CH0)/TCXO0

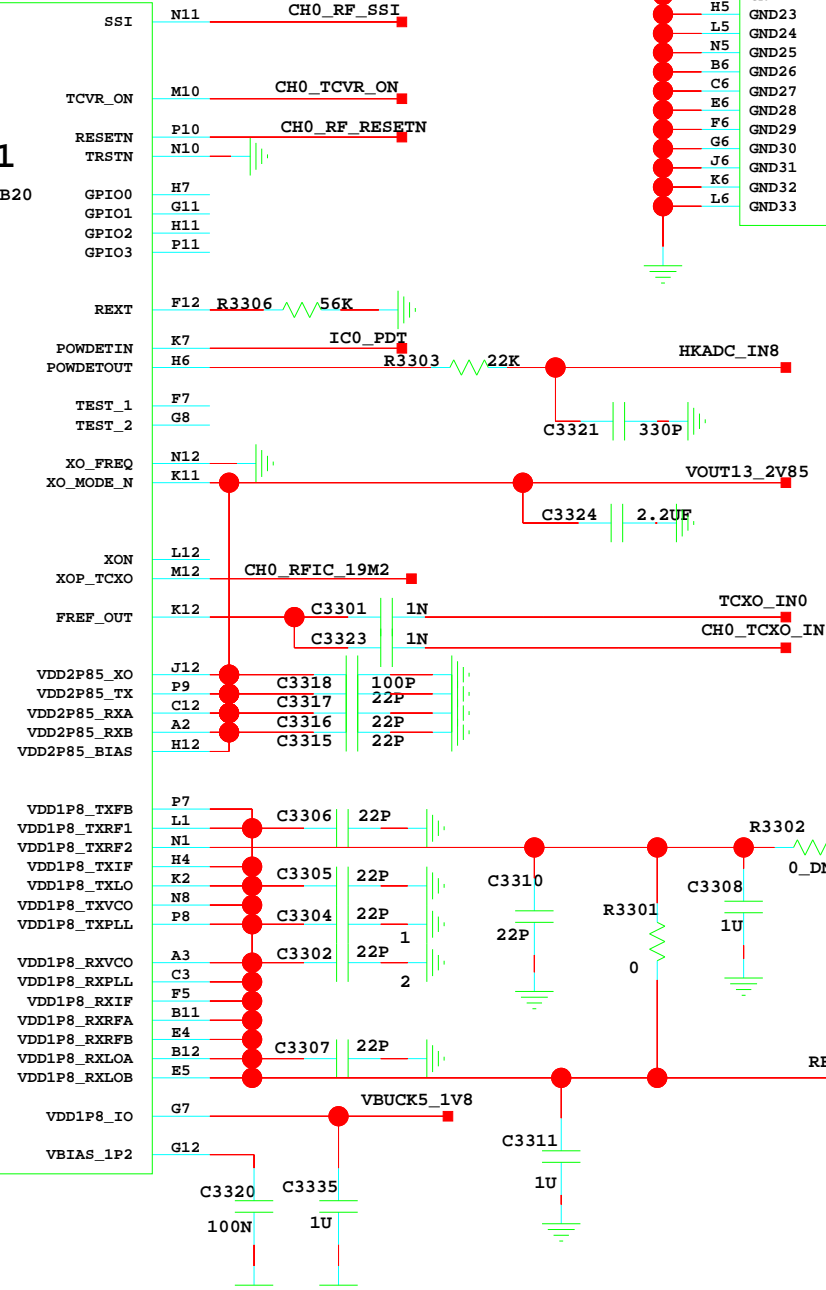
2G: G2/3/5/8 TDS:B34/39
W: B1/2/5 TDL:B38/39/40/41

	LB1	LB2	LB3	HB1	HB2	HB3	UHB1	UHB2
TX	B5/B8	GSM_LB	B20	B3/B34/B39	GSM_HB	B1/B2	B40	B7/B40/B41
RX_A	B8/G900	B5/G850	B20	B1/B2	B3/B34/B39		B7/B40	B7/B40
RX_B	B20			B1	B3/B39		B41	B41



U3301
HI6361V100B20

MISC Interface 1 of 2



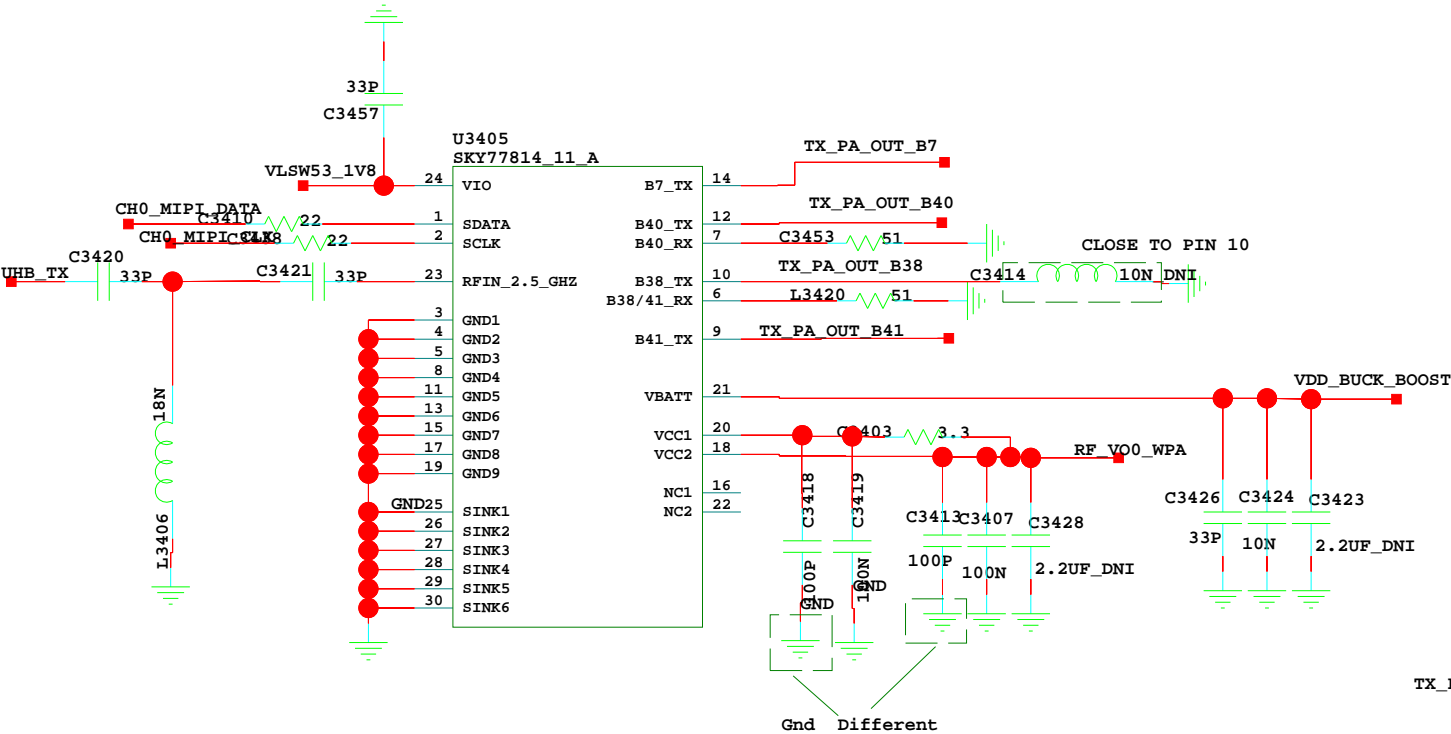
U3301
HI6361V100B20
GND Interface 2 of 2

C3324	K11
R3306	F12
C3318	J12
C3317	P9
C3316	C12
C3315	A2
C3308	P7
C3306	L1
C3310	H4
C3305	K2
C3312	N8
C3302	A3
C3307	B12
C3320	G12

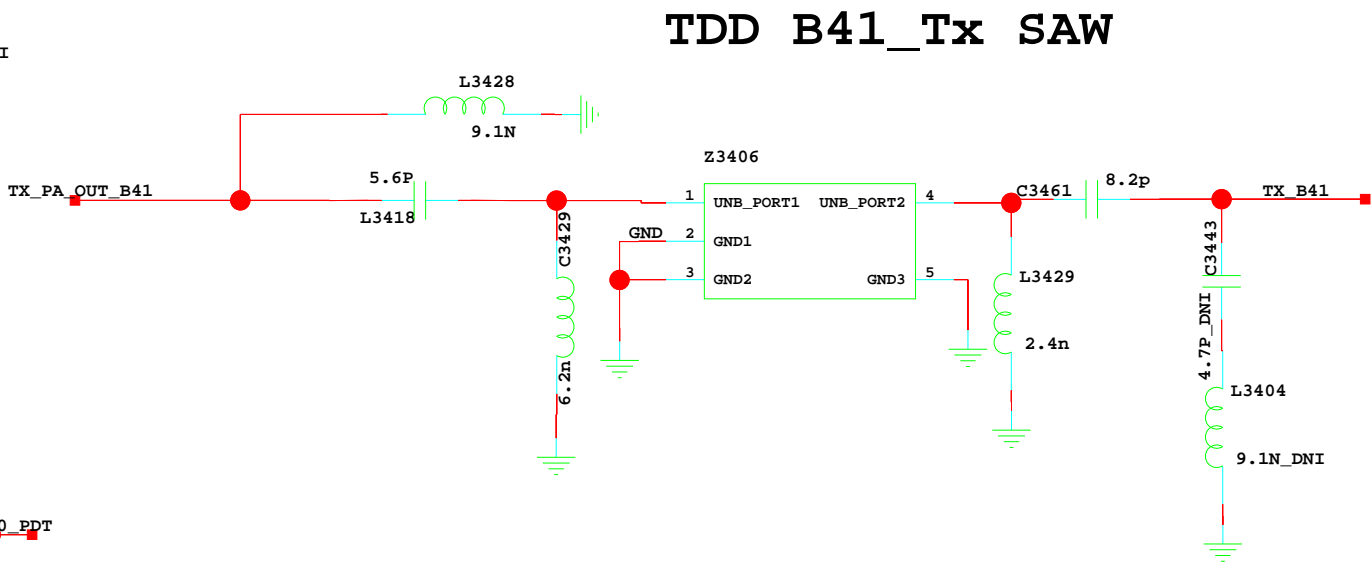
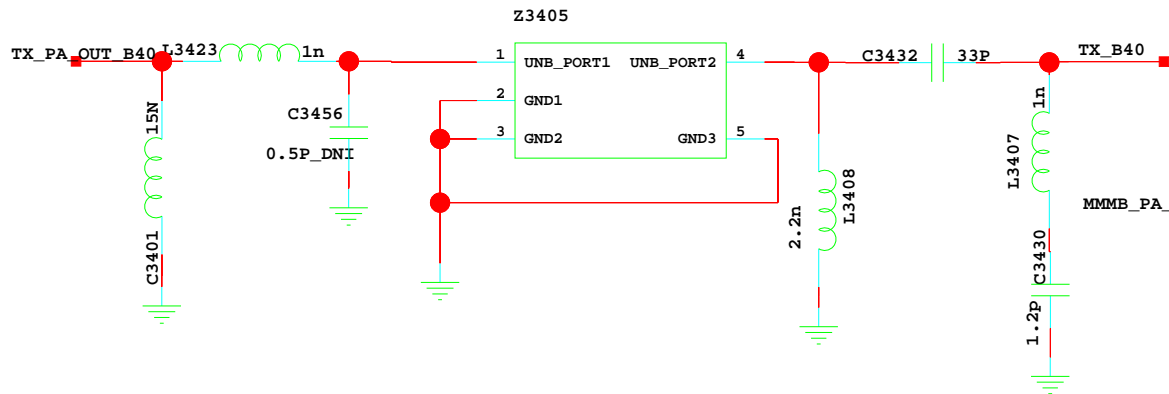
The type and specification of the components refer to the BOM

				TBD For	2014-02-27
				ECA NO	DATE
DESIGNED	yuanhailin /00265042				
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET	33 OF 60
		C	03023BRW		
				HUAWEI TECH CO.,LTD.	

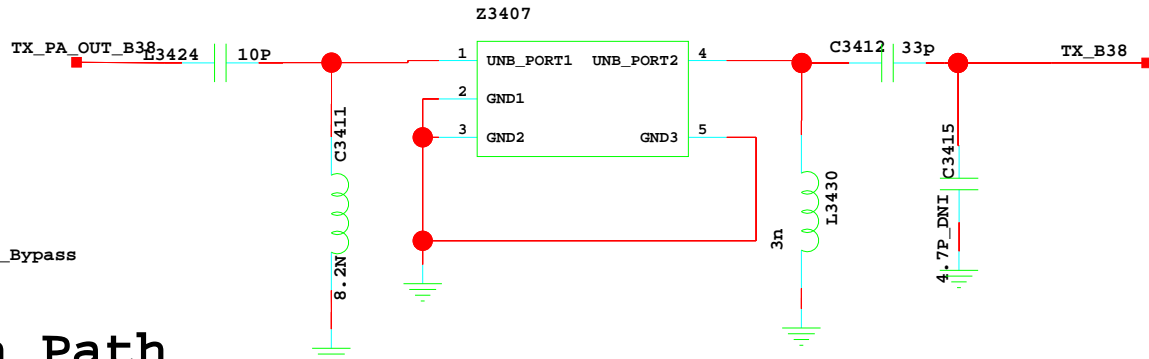
34. LTE TX(B7/34/38/39/40/41)



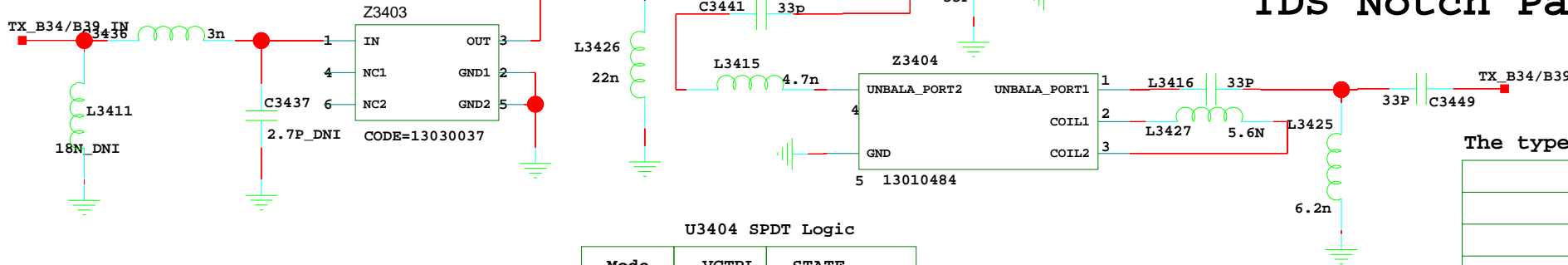
TDD B40_Tx SAW



TDD B38_Tx SAW



TDD B34/39_Tx



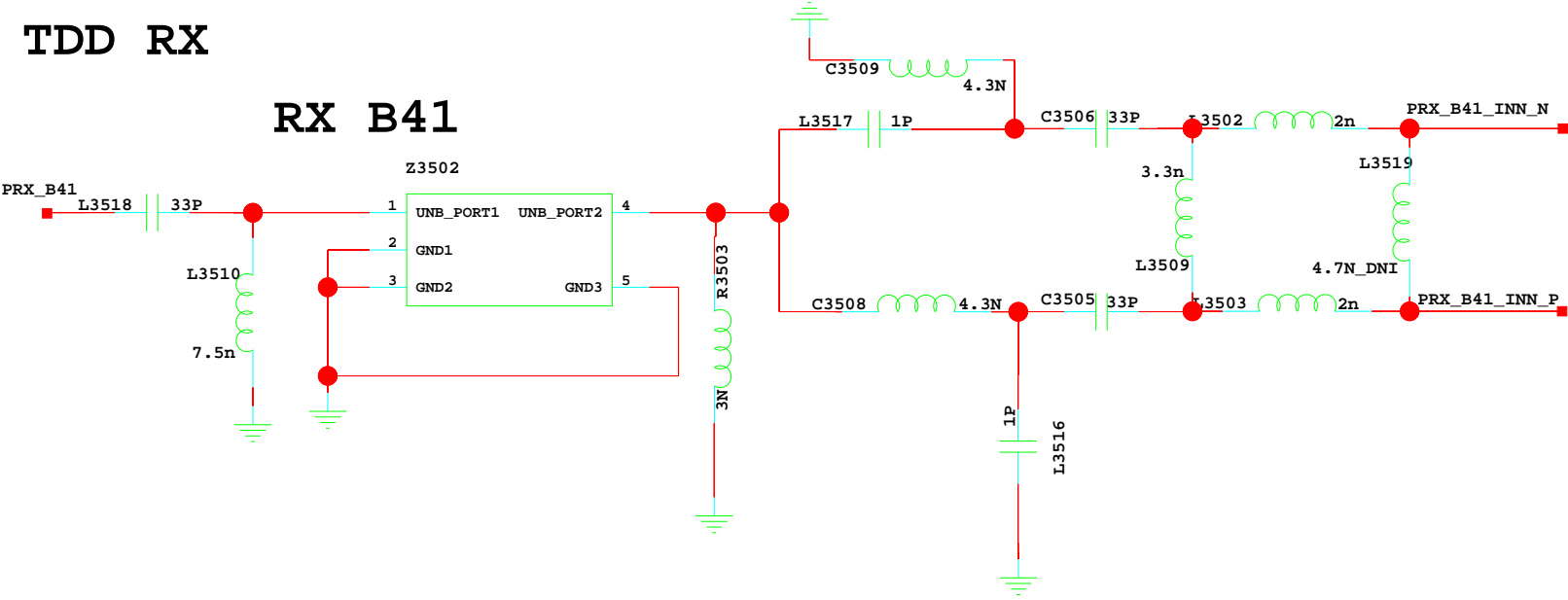
TDS Notch Path

U3404 SPDT Logic		
Mode	VCTRL	STATE
GPIO	ANTPA_SEL5	
ANT-RF1	0	TX_B34/B39
ANT-RF2	1	NotchBypass

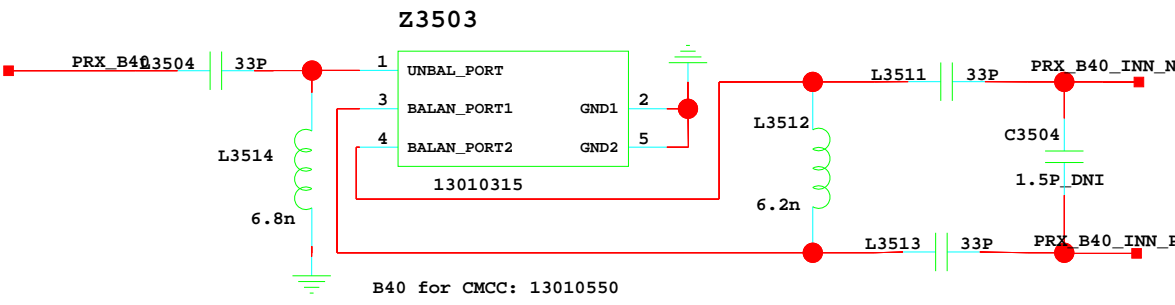
The type and specification of the components refer to the BOM					
				TBD For	2014-02-27
				ECA NO	DATE
DESIGNED	yuanhailin /00265042			HL2TGRACEM 03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 34 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD	

35. TDD RX

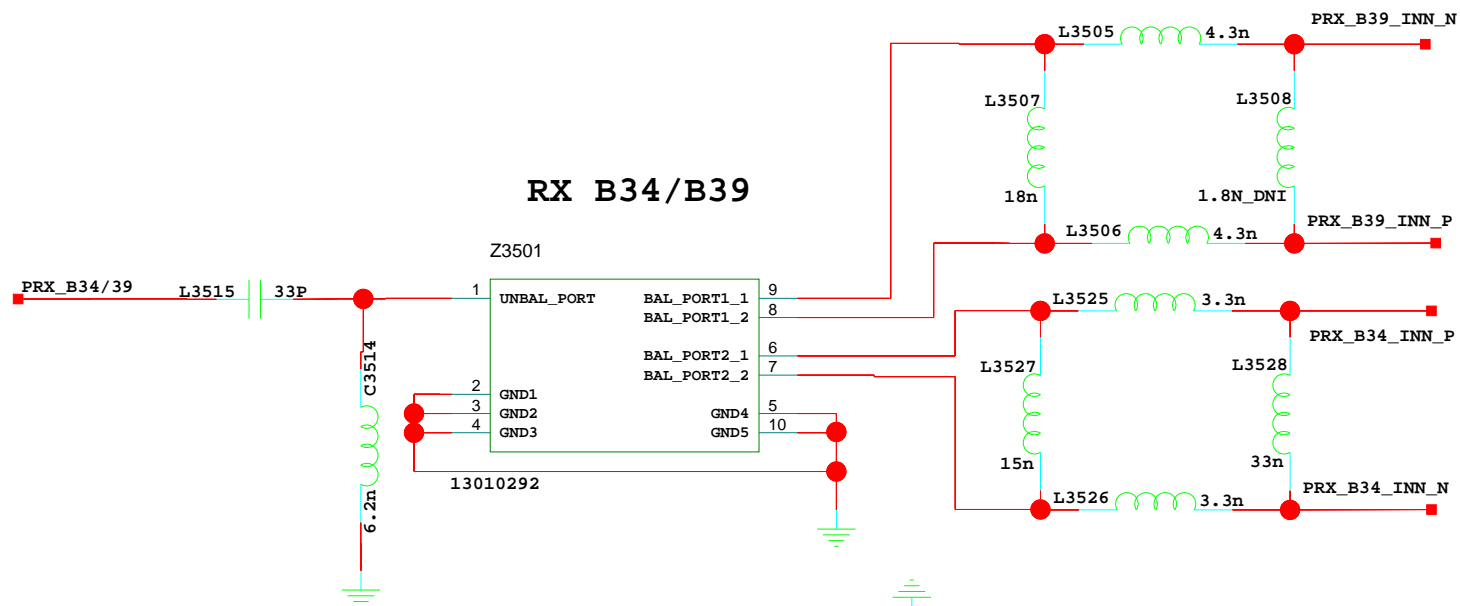
RX B41



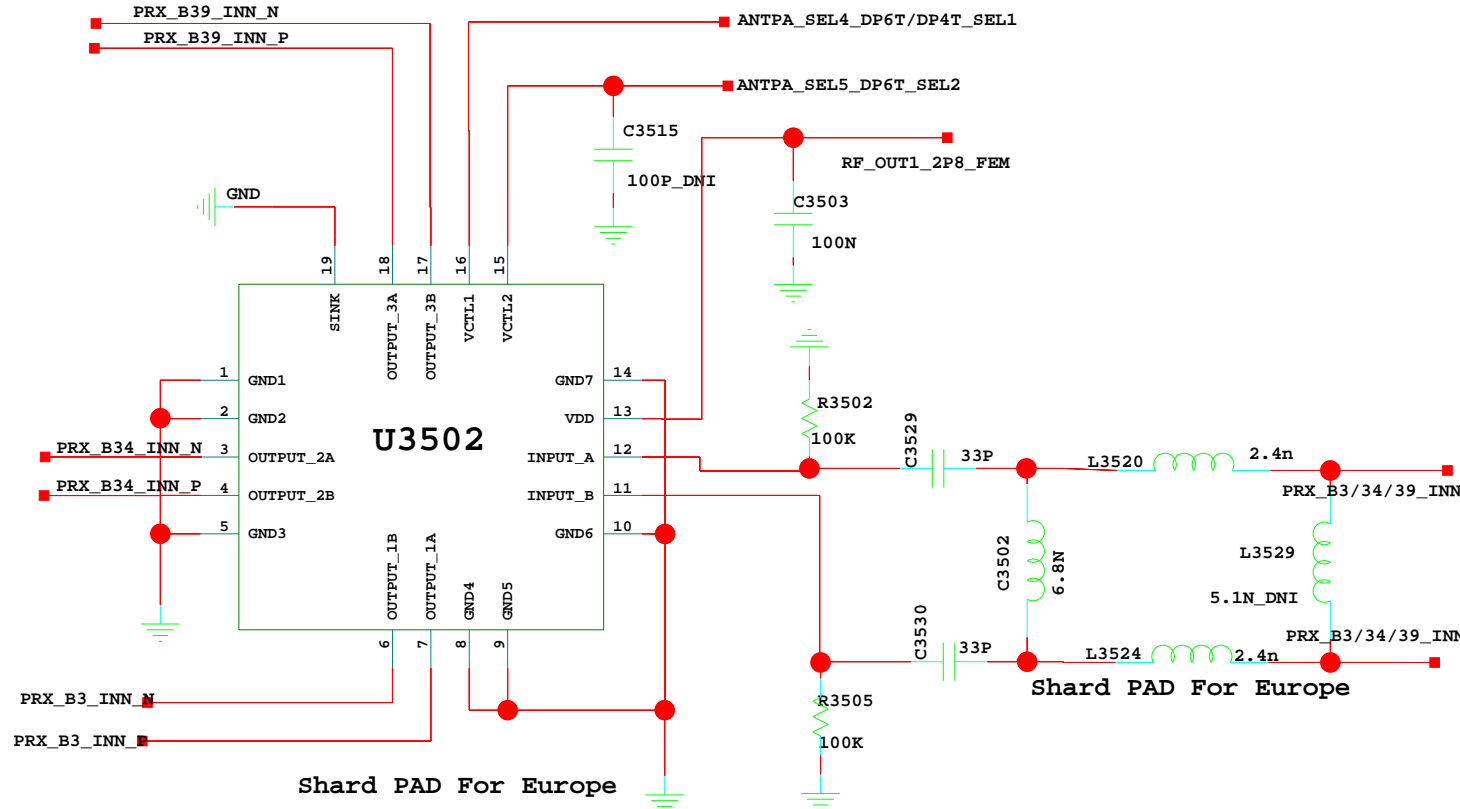
RX B40



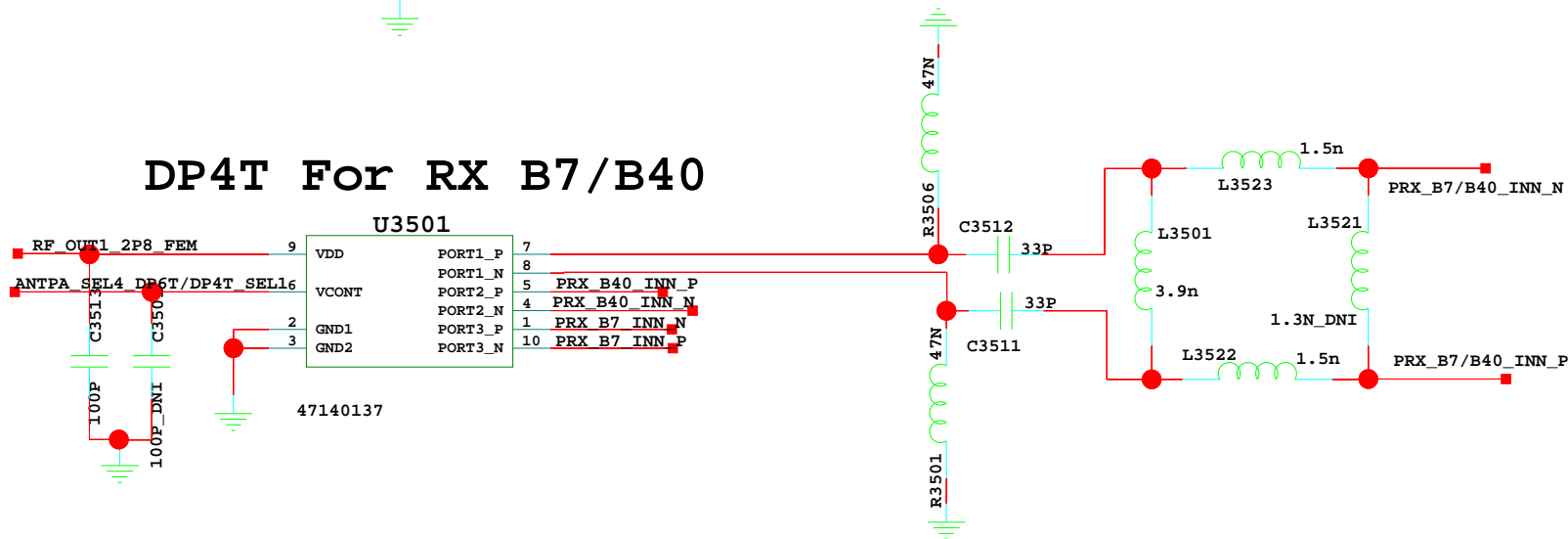
RX B34/B39



U3502



DP4T For RX B7/B40

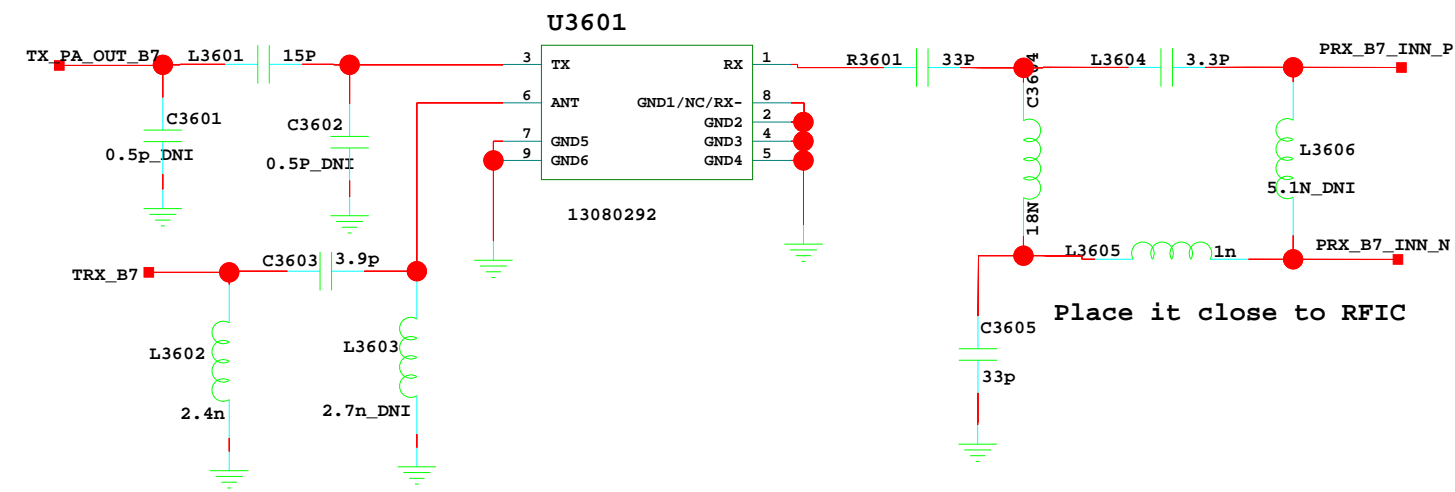


DP6T For RX B3/B34/B39

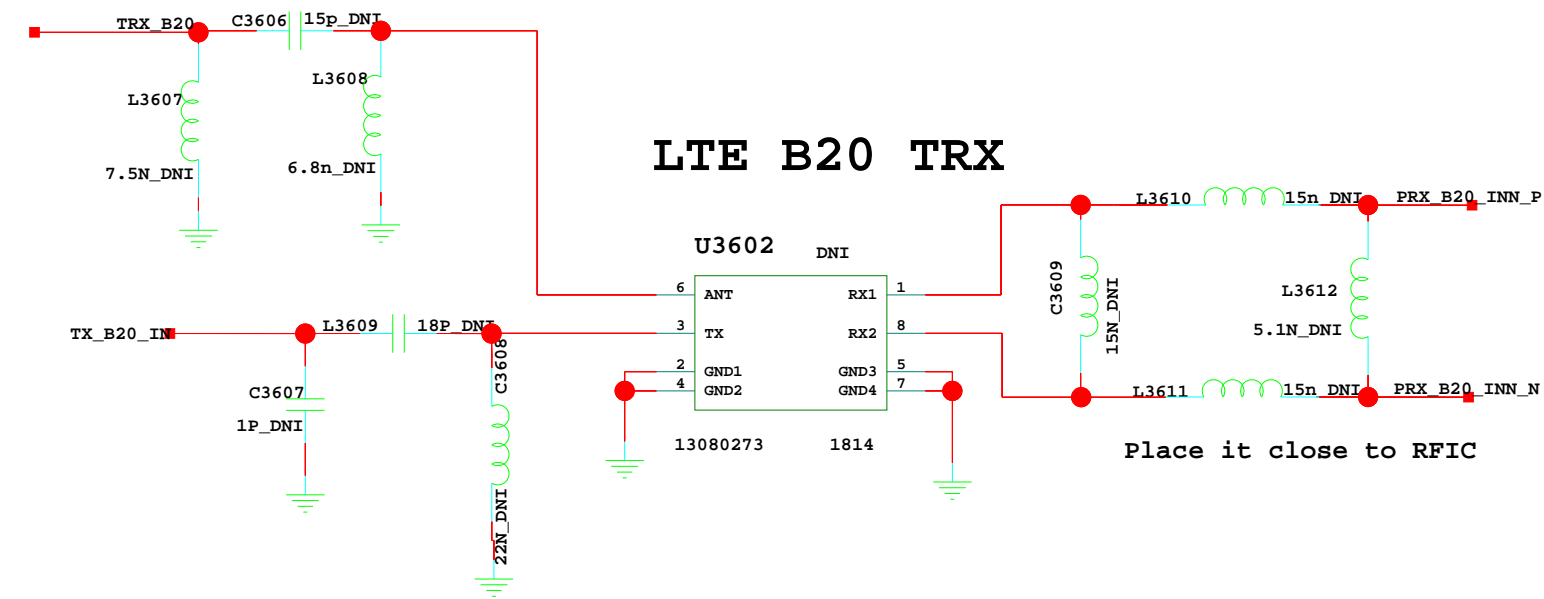
The type and specification of the components refer to the BOM

				TBD For	2014-02-27
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 35 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

LTE B7 Duplexer



LTE B20 TRX



کانال ما در تلگرام

@JahanIC

The type and specification of the components refer to the BOM

				TBD For	2014-02-27
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 36 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

A

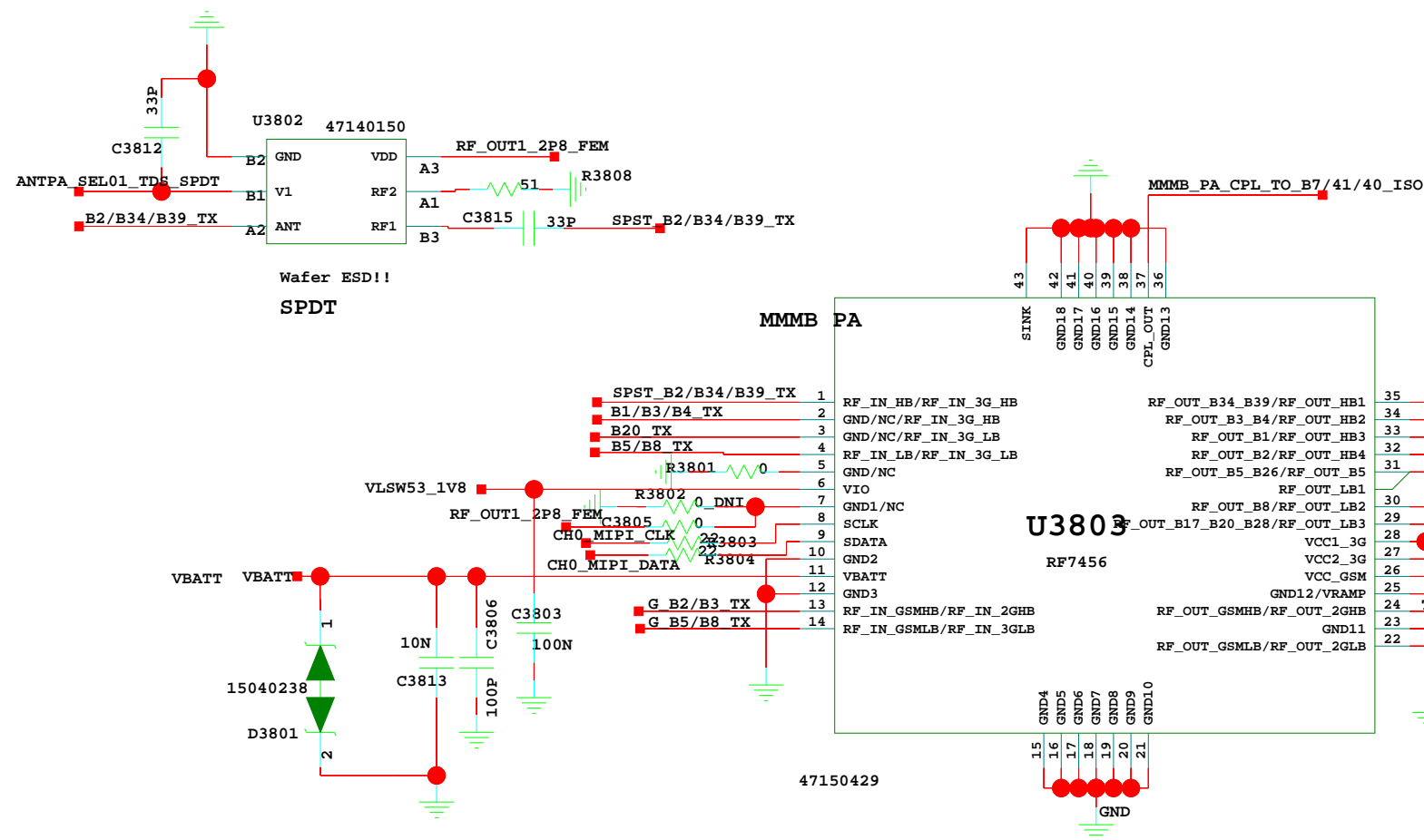


C

D

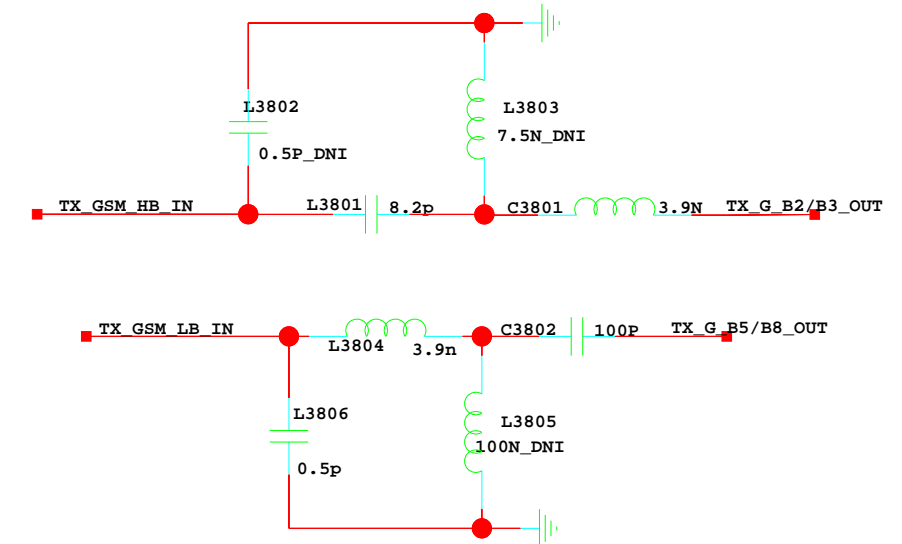
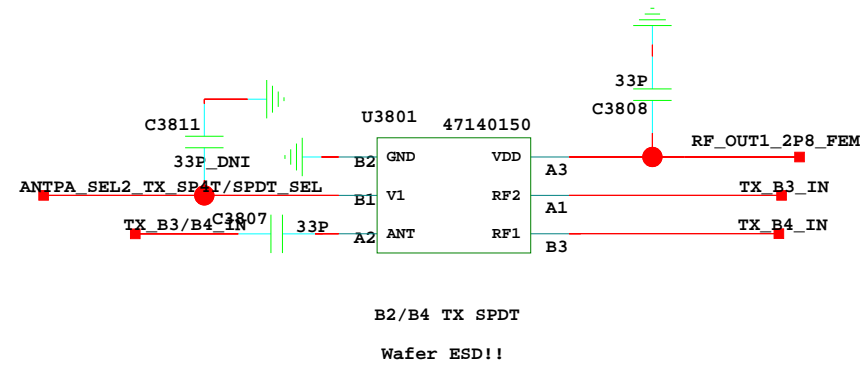
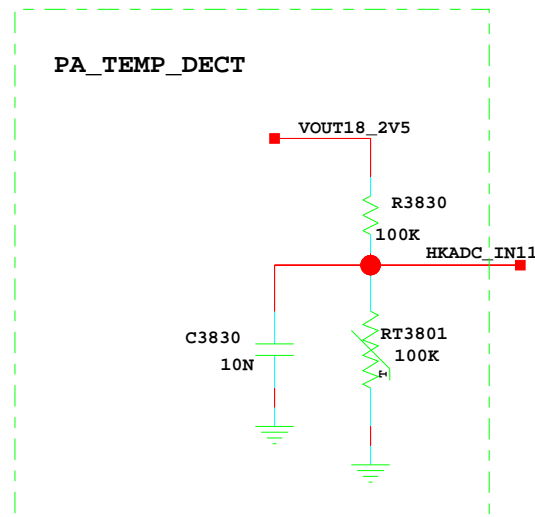
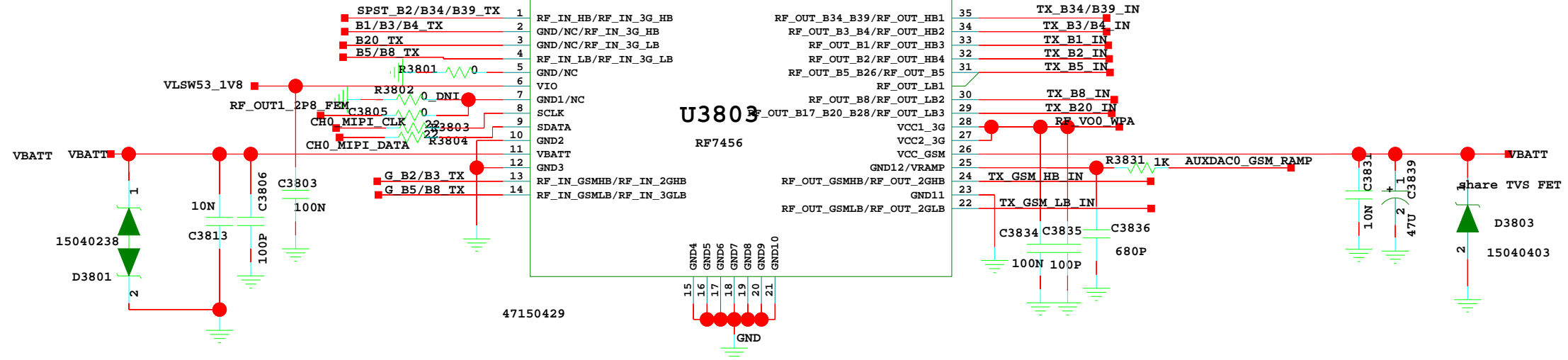
D

38.RF Front End MMBBPA



App Notes

1. Vrramp for RF7456 never higher than 1.8V
2. ACPM-8817 is Linear PA and Pin25 need connect to GND
3. RF7456 Pin7 need NC and ACPM-8817 Pin5 need NC
4. TQP9059 need external Coupler and Ramp connect to Pin7; Pin25 need connect to GND



The type and specification of the components refer to the BOM

				NA	20120430
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 38 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

A

B

The type and specification of the components refer to the BOM

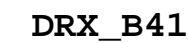
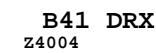
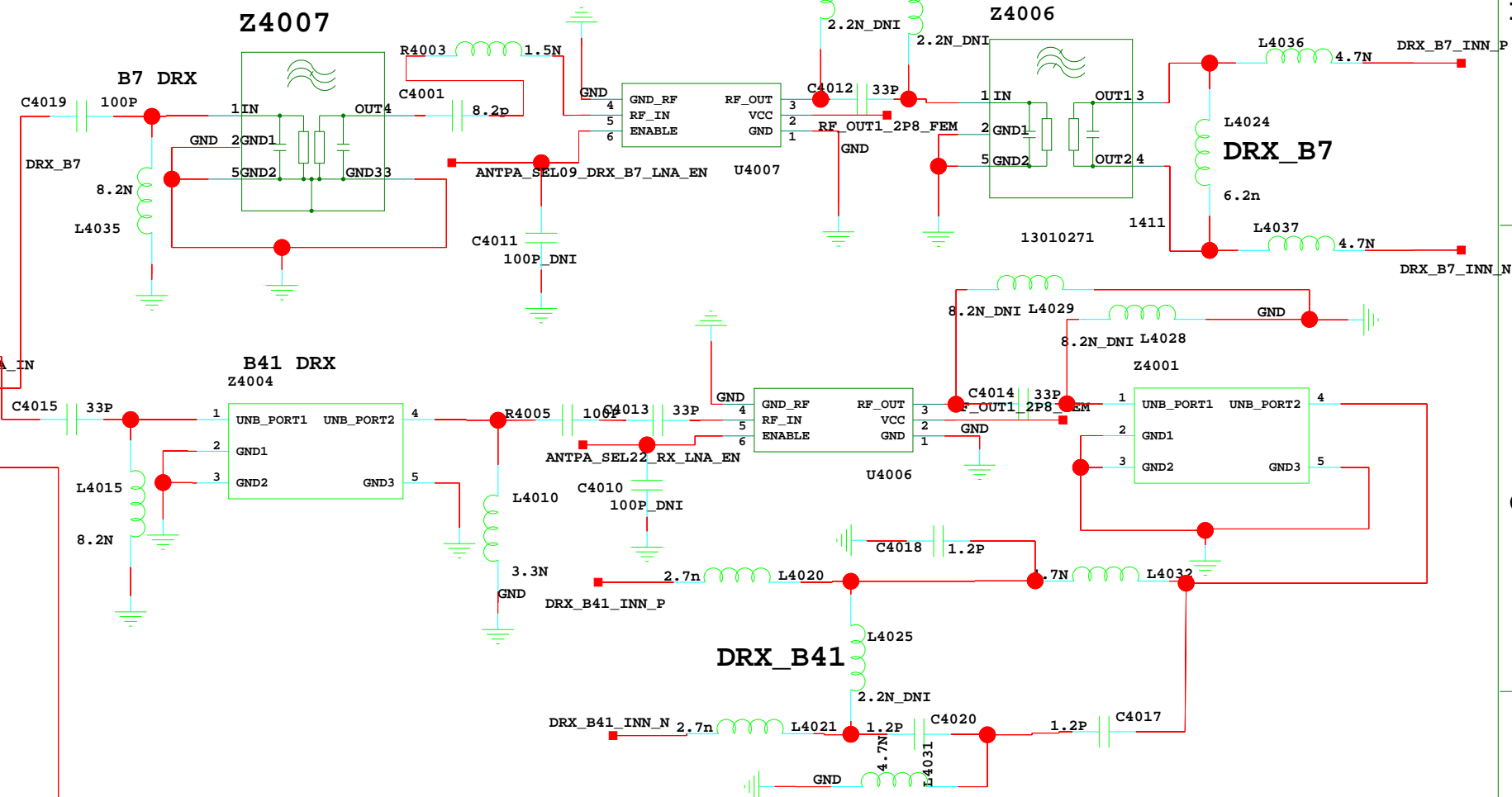
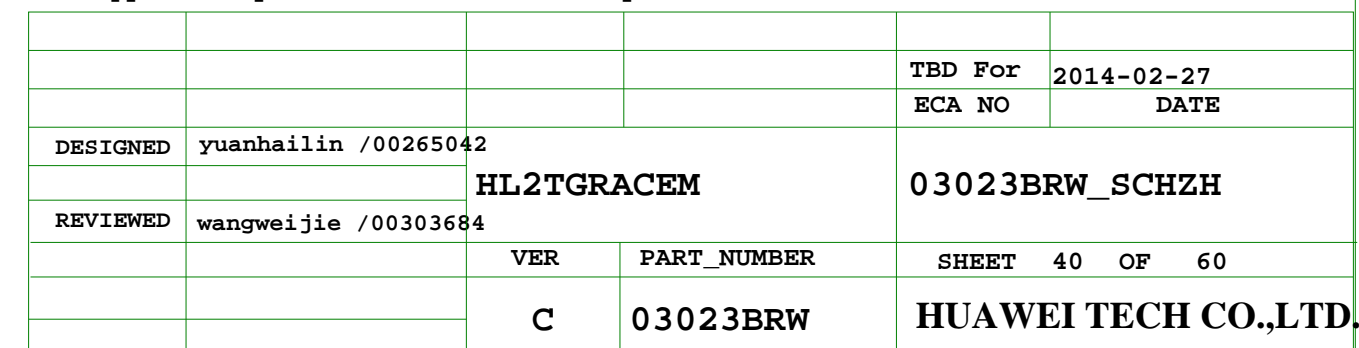
D

A

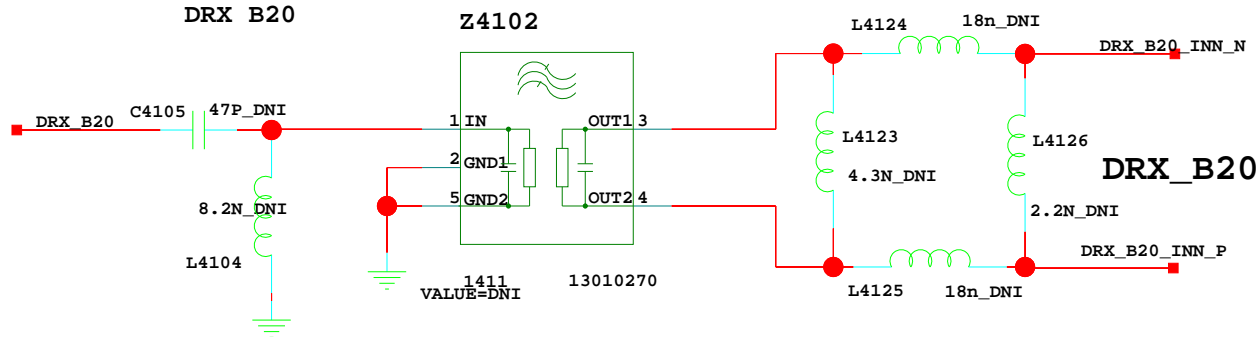
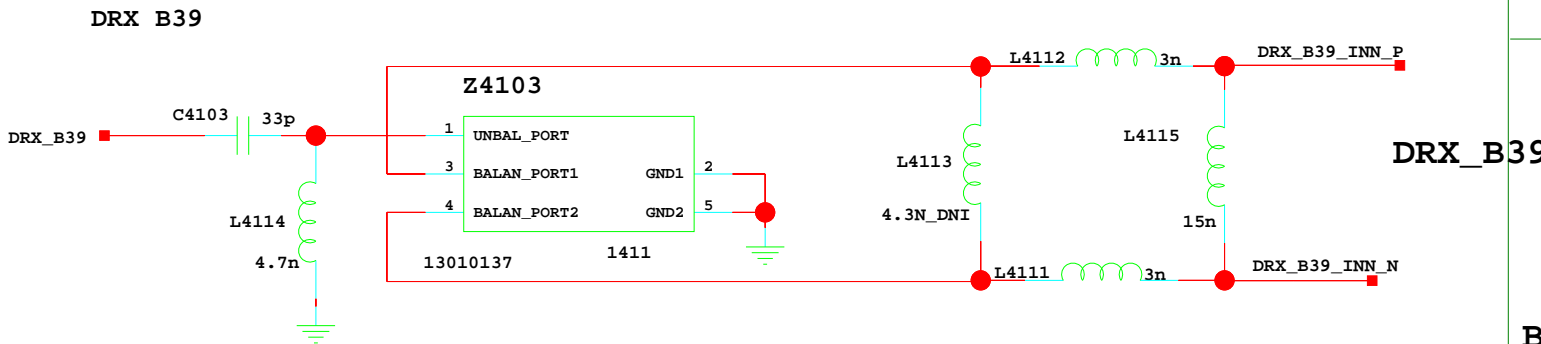
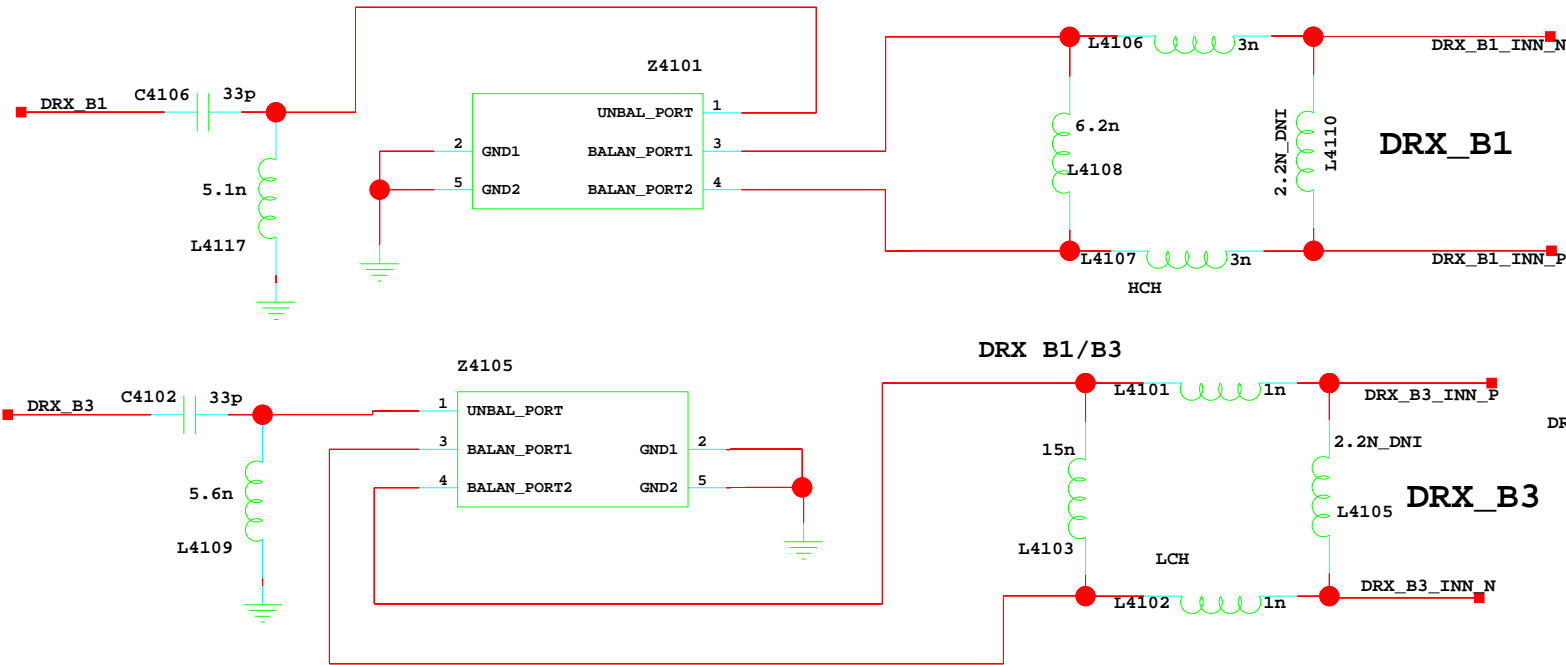


C

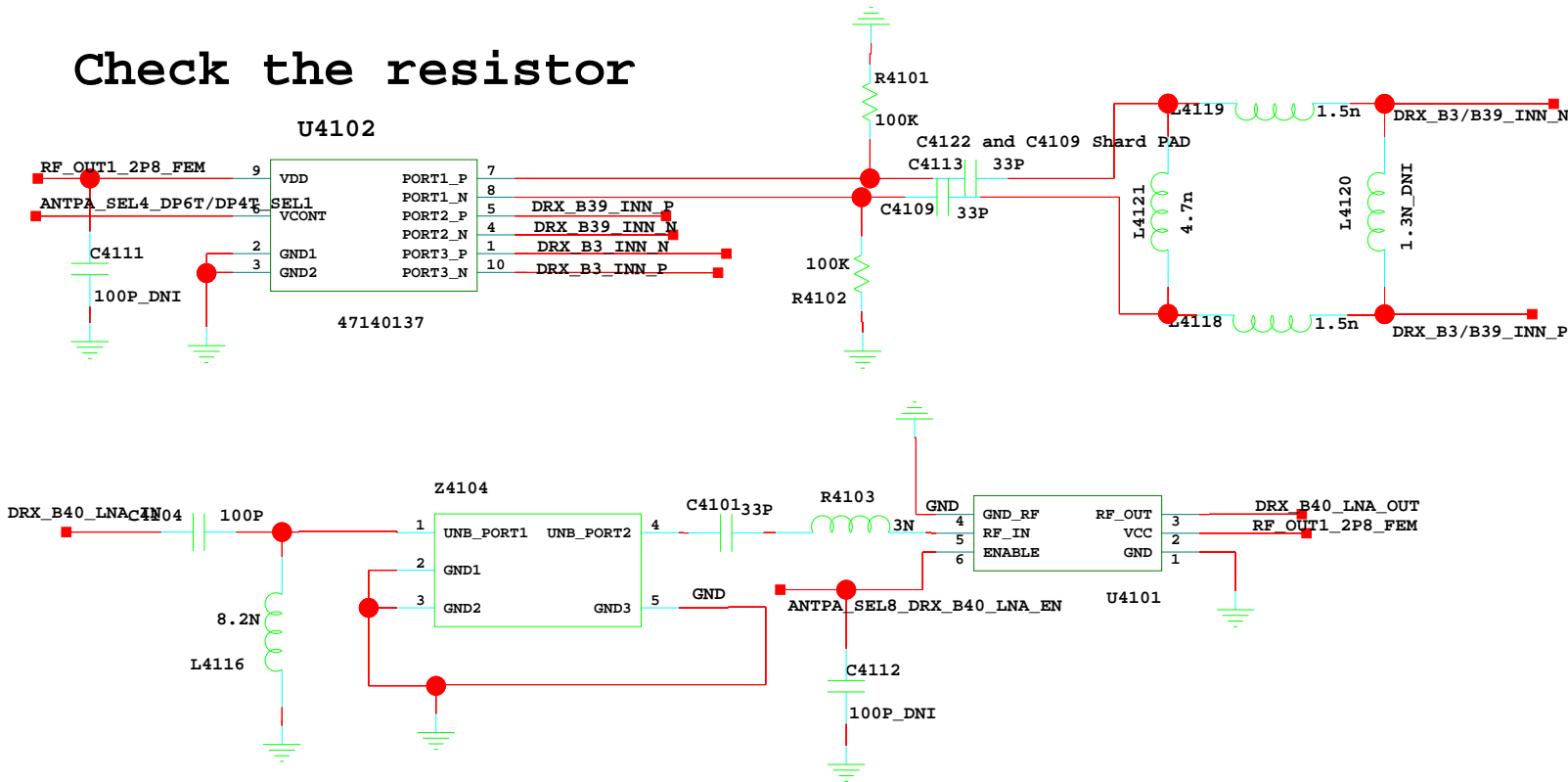
D



41. LTE Diversity 2



Check the resistor



The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 41 OF 60	
		C	03023BRW	HUAWAI TECH CO.,LTD.	

42.CDMA Modem_VIA



The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 42 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

43.CDMA Modem_VIA

کانال ما در تلگرام

@JahanIC

The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 43 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

44.CDMA Modem_VIA



The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 44 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

45.CDMA Modem_VIA

The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 45 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

46.CDMA RFIC

کانال ما در تلگرام

@JahanIC

The type and specification of the components refer to the BOM					
				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 46 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

47.TX/PA

The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 47 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

	1	2	3	4	5	6																																										
A	48. Diversity 2																																															
B																																																
C																																																
D	<div>The type and specification of the components refer to the BOM</div> <table><tr><td></td><td></td><td></td><td></td><td>TBD For</td><td>2014-02-27</td></tr><tr><td></td><td></td><td></td><td></td><td>ECA NO</td><td>DATE</td></tr><tr><td>DESIGNED</td><td colspan="3">yuanhailin /00265042</td><td colspan="2">HL2TGRACEM</td></tr><tr><td>REVIEWED</td><td colspan="3">wangweijie /00303684</td><td colspan="2">03023BRW_SCHZH</td></tr><tr><td></td><td></td><td>VER</td><td>PART_NUMBER</td><td>SHEET</td><td>48 OF 60</td></tr><tr><td></td><td></td><td>C</td><td>03023BRW</td><td colspan="2">HUAWEI TECH CO.,LTD.</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										TBD For	2014-02-27					ECA NO	DATE	DESIGNED	yuanhailin /00265042			HL2TGRACEM		REVIEWED	wangweijie /00303684			03023BRW_SCHZH				VER	PART_NUMBER	SHEET	48 OF 60			C	03023BRW	HUAWEI TECH CO.,LTD.							
				TBD For	2014-02-27																																											
				ECA NO	DATE																																											
DESIGNED	yuanhailin /00265042			HL2TGRACEM																																												
REVIEWED	wangweijie /00303684			03023BRW_SCHZH																																												
		VER	PART_NUMBER	SHEET	48 OF 60																																											
		C	03023BRW	HUAWEI TECH CO.,LTD.																																												
	1	2	3	4	5	6																																										

1

2

3

4

5

6

A

A

B

B

C

C

D

D

The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 49 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

50 Reserved

The type and specification of the components refer to the BOM

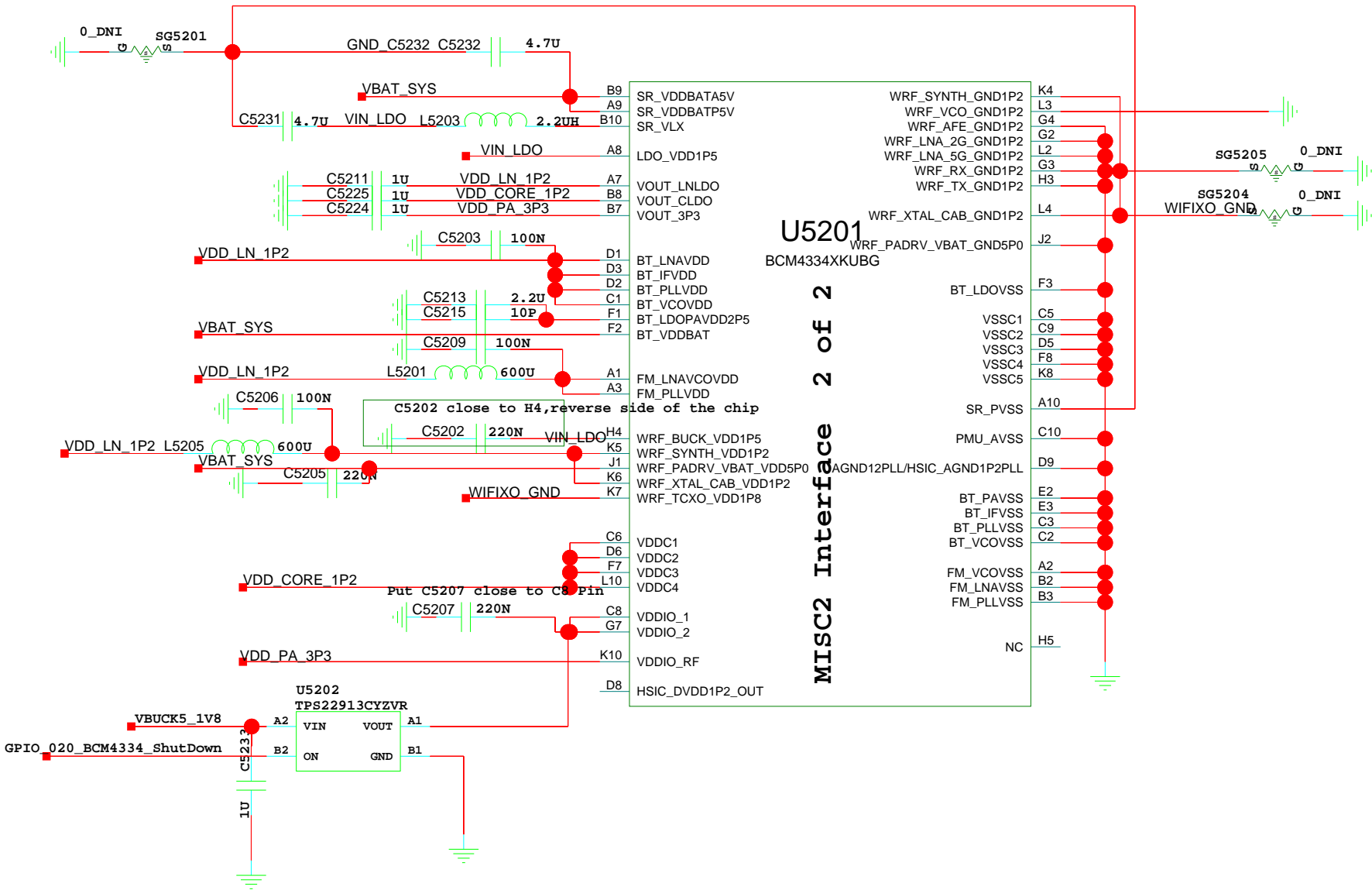
				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 50 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

51 Reserved

The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 51 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

52.BT/WLAN/FM



The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 52 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

A

B

C

D

D

1

2

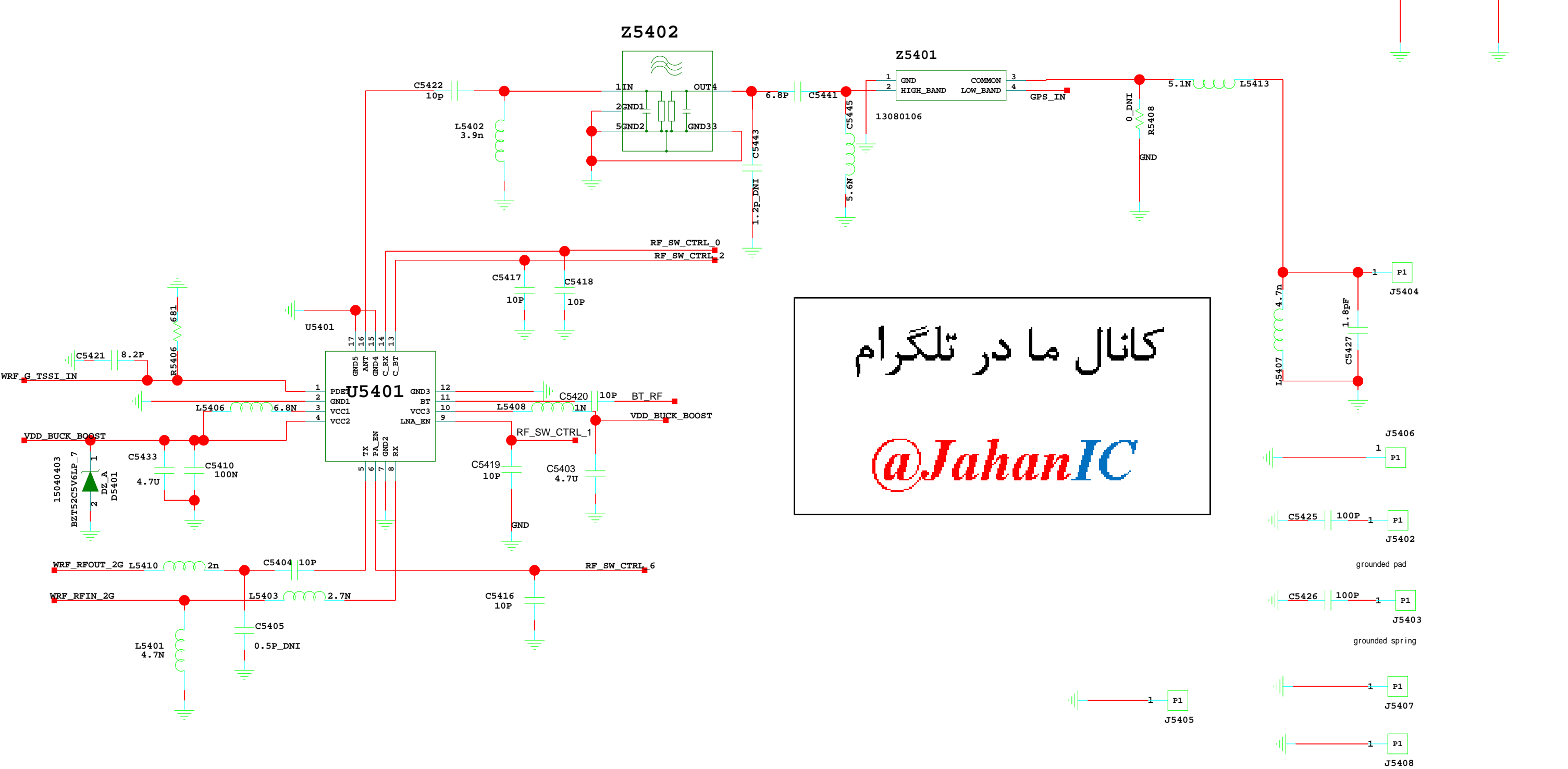
3

4

5

6

54.WIFI_RF_FrontEnd_2.4GHz



The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 54 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

55. 5G wifi



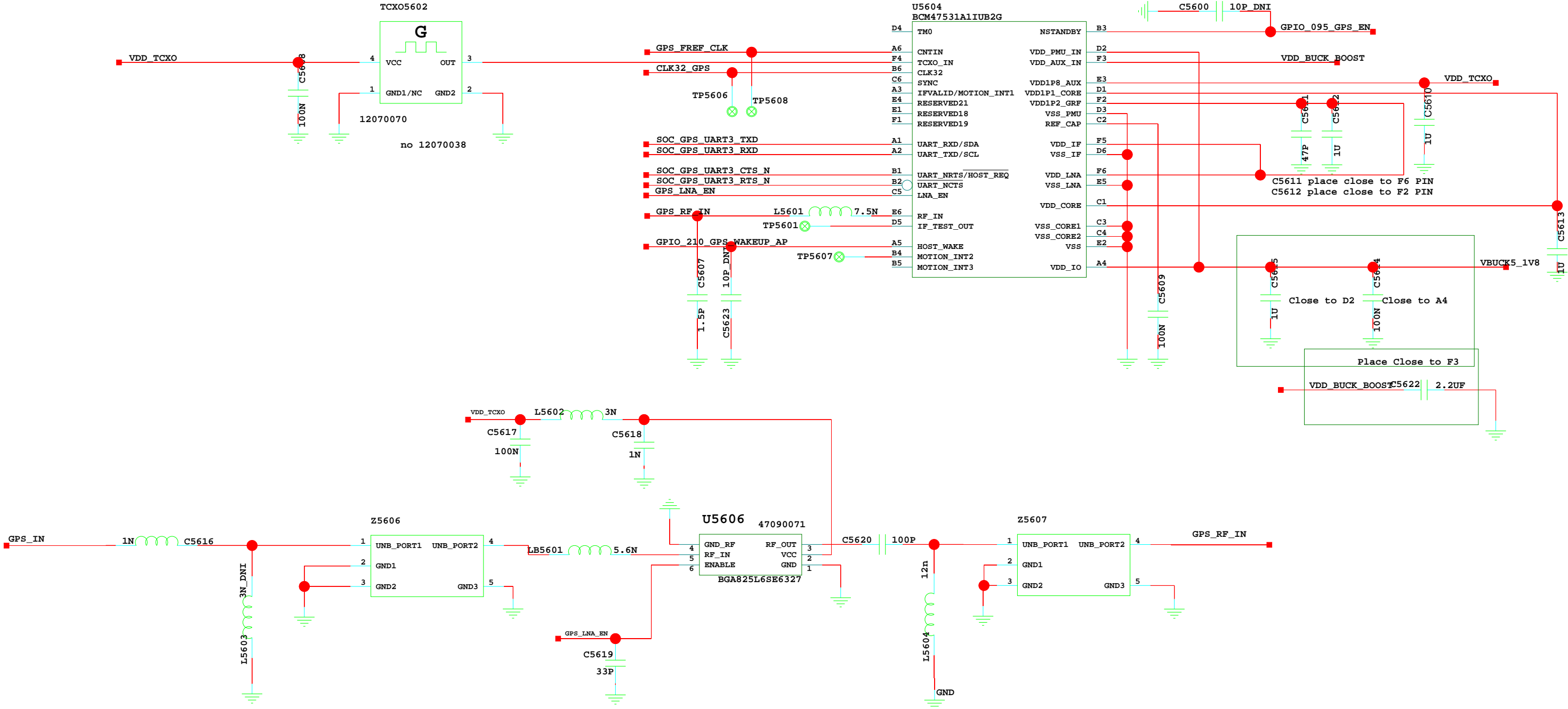
The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 55 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

56. GPS

For Test Only

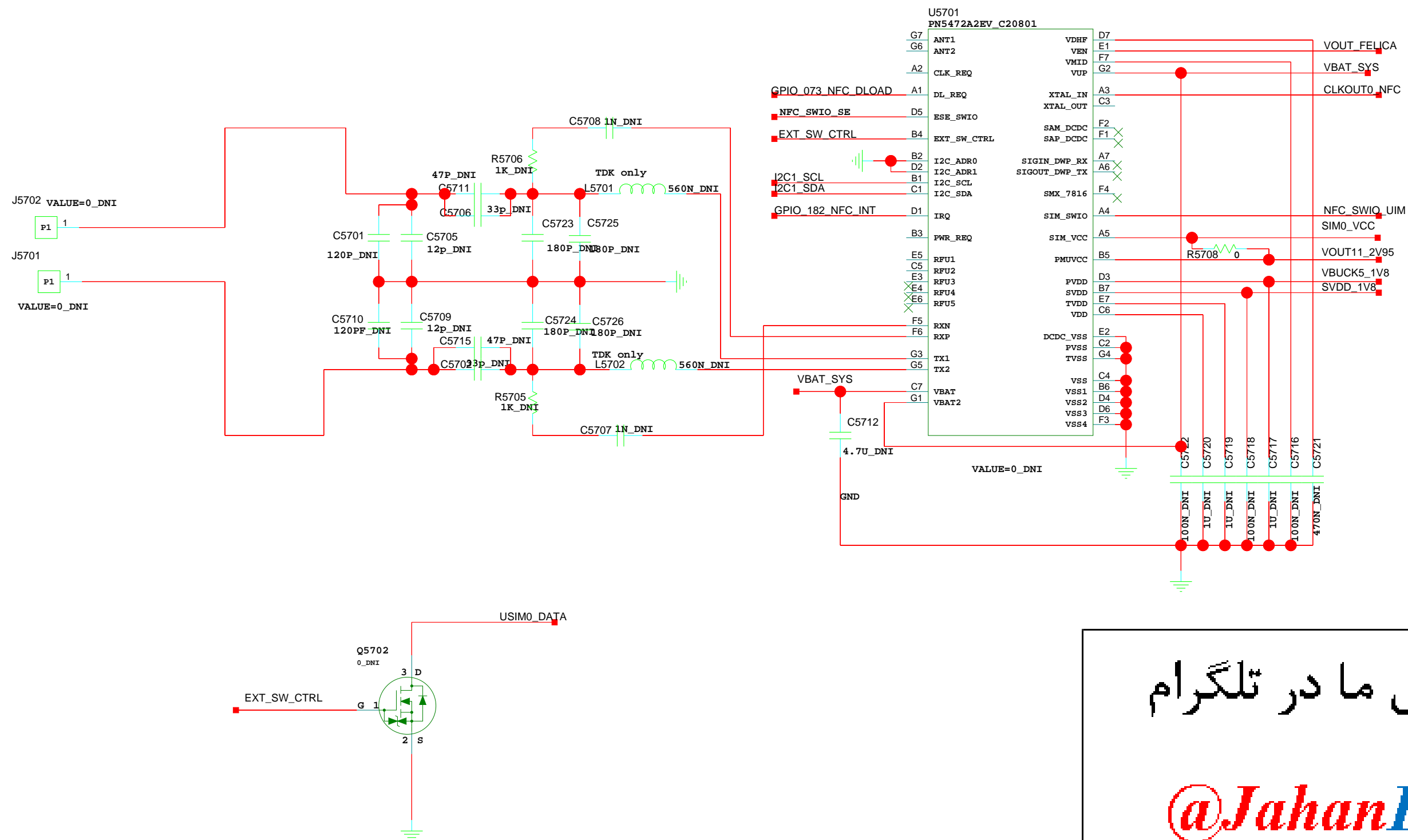
- SOC_GPS_UART3_TXD TP5602
- SOC_GPS_UART3_RTS_N TP5603
- SOC_GPS_UART3_RXD TP5604
- SOC_GPS_UART3_CTS_N TP5605



The type and specification of the components refer to the BOM

				TBD For	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 56 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

57.NFC



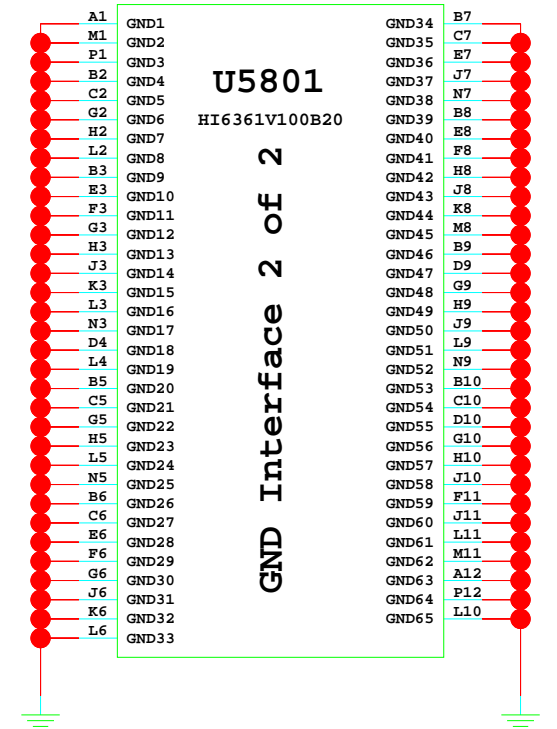
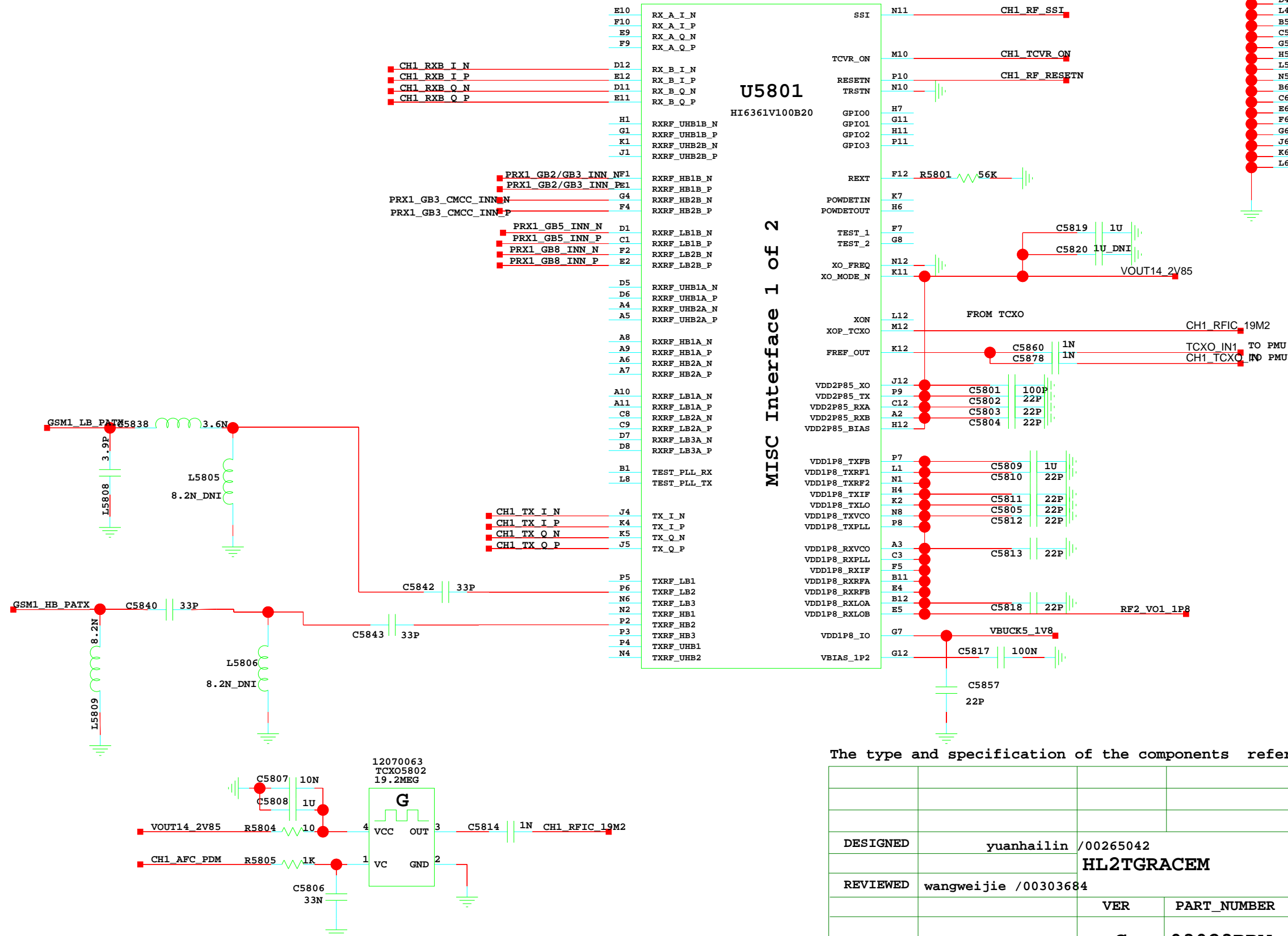
کانال ما در تلگرام

@JahanIC

The type and specification of the components refer to the BOM

				NA	20140523
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 57 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

58.RF Transceiver2



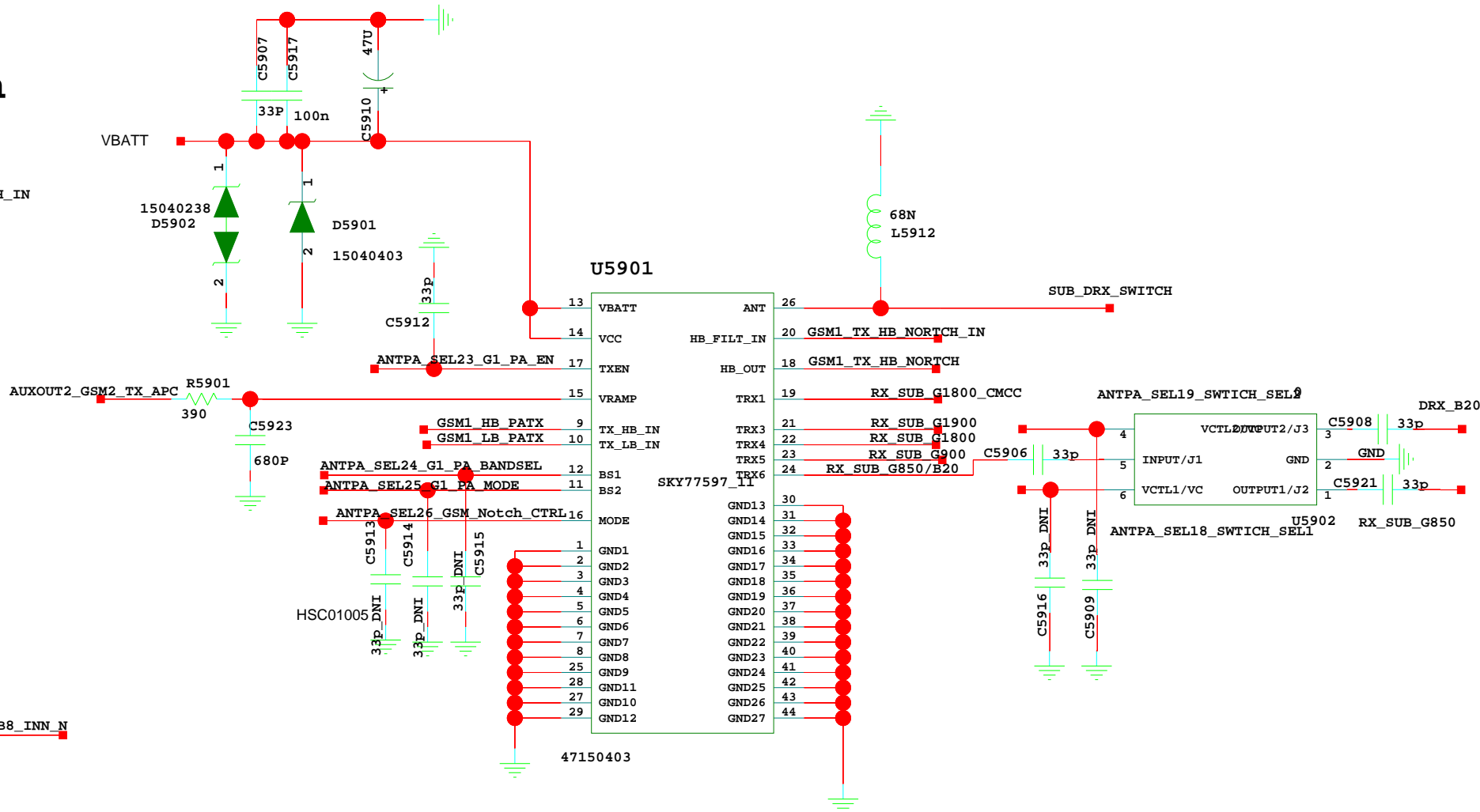
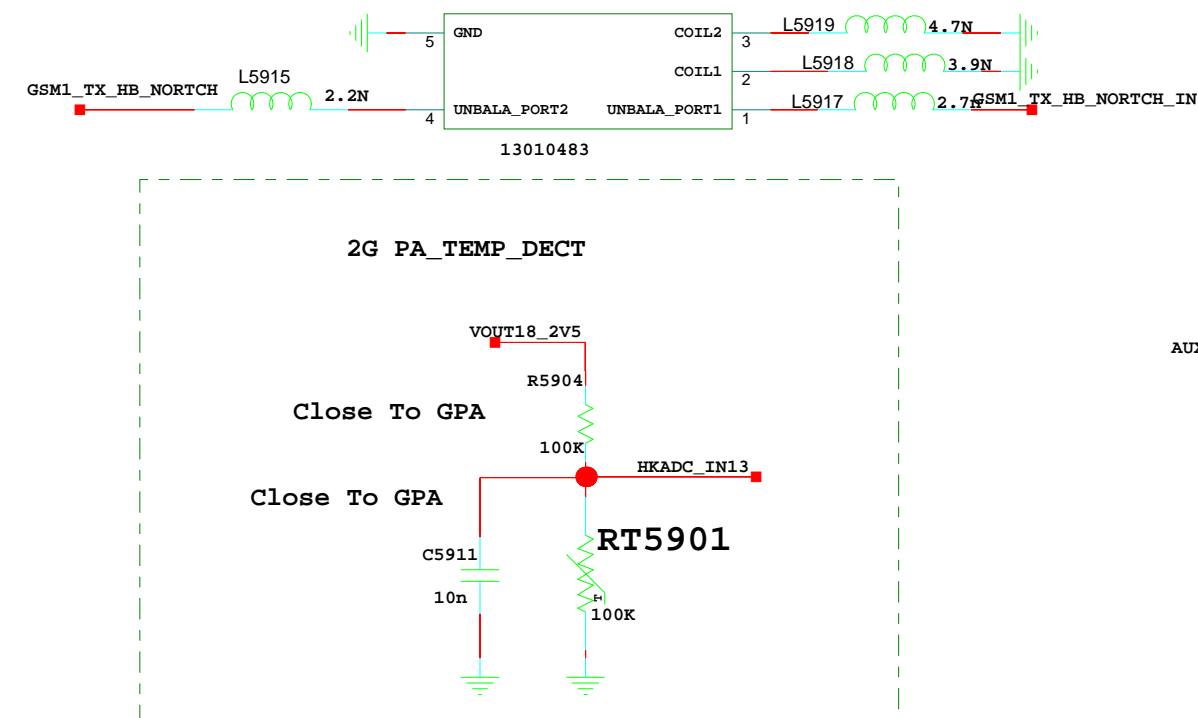
C5819	K11
R5801	F12
C5801	J12
C5802	P9
C5803	C12
C5804	A2
C5809	P7
C5810	L1
C5811	H4
C5805	K2
C5812	N8
C5813	A3
C5818	B12
C5817	G12

The type and specification of the components refer to the BOM

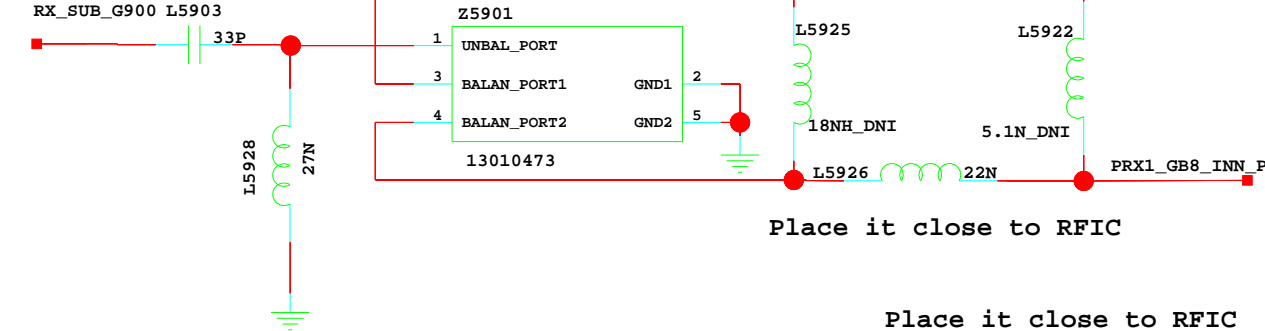
				NA	
				ECA NO	DATE
DESIGNED	yuanhailin	/00265042		03023BRW_SCHZH	
		HL2TGRACEM			
REVIEWED	wangweijie	/00303684			
		VER	PART_NUMBER	SHEET	58 OF 60
		C	03023BRW	HUAWEI TECH CO.,LTD.	

59. RFIC2_GSM PA+Switch

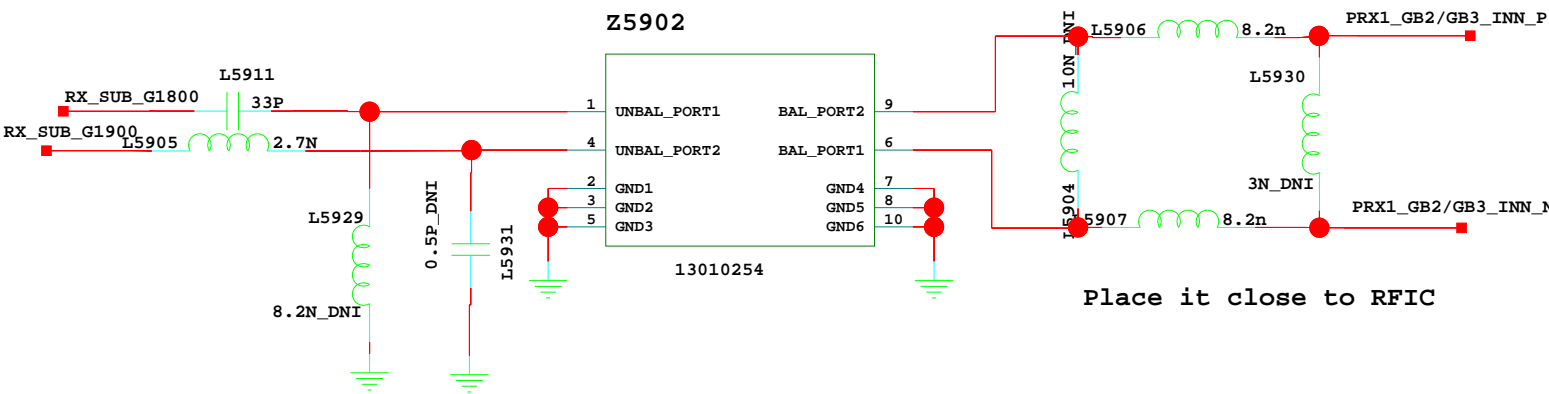
GSM TX Notch Path



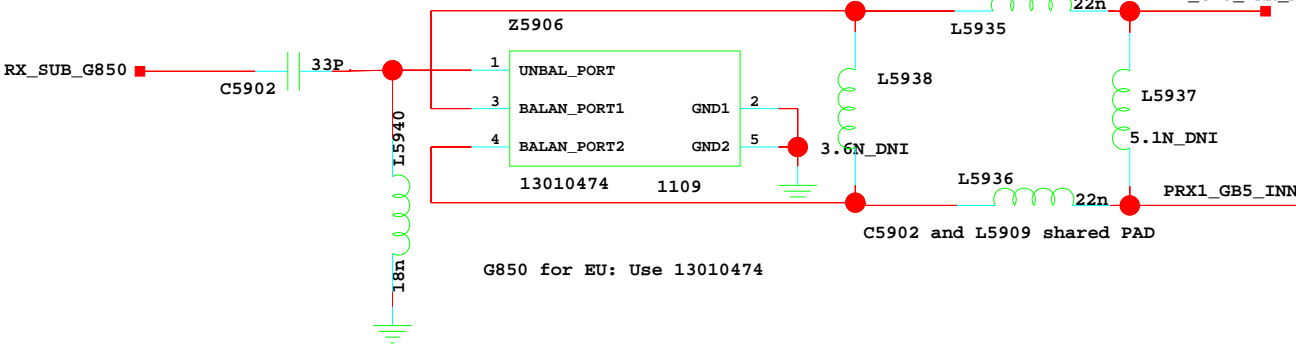
G900 RX



DCS/PCS Dual Band RX



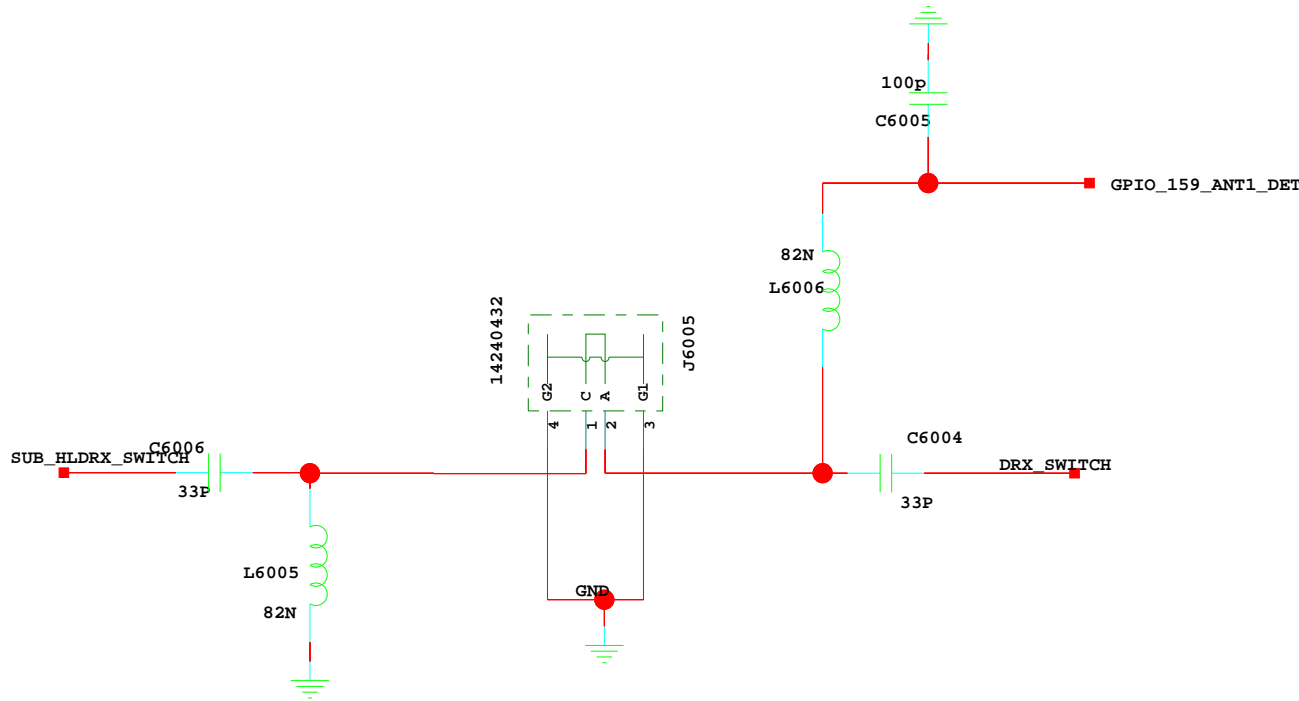
G850 RX



The type and specification of the components refer to the BOM

				TBD For	2014-02-27
				ECA NO	DATE
DESIGNED	yuanhailin /00265042			HL2TGRACEM	
REVIEWED	wangweijie /00303684			03023BRW_SCHZH	
		VER	PART_NUMBER	SHEET 59 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	

60.AUX Switch And Tuner



کانال ما در تلگرام

@JahanIC

The type and specification of the components refer to the BOM

				TBD For	2014-02-27
				ECA NO	DATE
DESIGNED	yuanhailin /00265042	HL2TGRACEM		03023BRW_SCHZH	
REVIEWED	wangweijie /00303684				
		VER	PART_NUMBER	SHEET 60 OF 60	
		C	03023BRW	HUAWEI TECH CO.,LTD.	