

	1	2	3	4	5	6
A	BB SCHEMETIC					
	1. Contents		23. HDMI Connector		56. GPS&BT/WLAN MODULE	
B	2. GPIO MAP		24. Test Points/JTAG/Shields		57. NFC	
	3. Hi3620V100		25. IMC PMU		57~60. RESERVED	
C	4. Hi3620V100		26. IMC Memory Interface			
	5. Hi3620V100		27. IMC Interface and GPIO			
D	6. Hi3620V100		28~30. RESERVED			
	7. Hi3620V100		31. MHL			
	8. RESERVED		32~41. RESERVED			
	9. Hi6421V200		42. PRIMARY and DIVERSITY ANTENNA			
	10. Hi6421V200		43. RF Engine UE2			
	11. 8/16GB eMMC AND LPDDR		44. RF POWER SUPPLY			
	12. RESERVED		45~54. RESERVED			
	13. Battery/Vabrator		55. GPS & BT/WLAN FRONTEND			
	14. Receiver/MIC					
	15. 3.5 Headphone port					
	16. LCD interface					
	17. ISP Module Circuits					
	18. Main Camera and Slave Camera					
	19. USB/Charge management					
	20. Sensor/Status indicator					
	21. SIM/TF card					
				The type and specification of the components refer to the BOM		
					NA	2012.06.05
					ECA NO	DATE
	DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
	REVIEWED	CHAOKANGJIE 00132205				
			VER	PART_NUMBER	SHEET 1 OF 60	
			A	03021TXV	HUAWEI TECH CO.,LTD.	
	1	2	3	4	5	6

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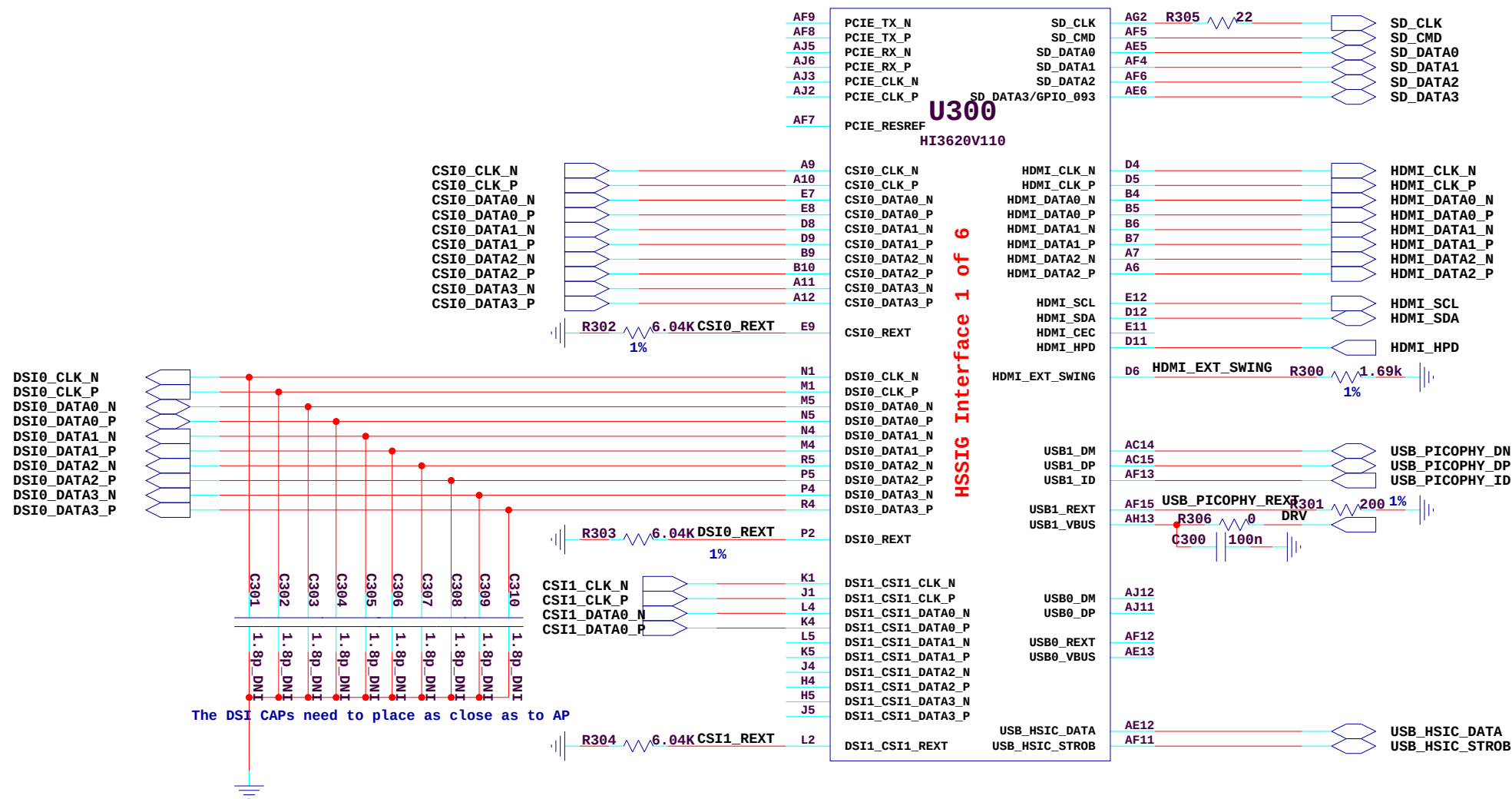
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The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 2 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

3. Hi3620



Hi3620v110 high speed signal

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 3 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

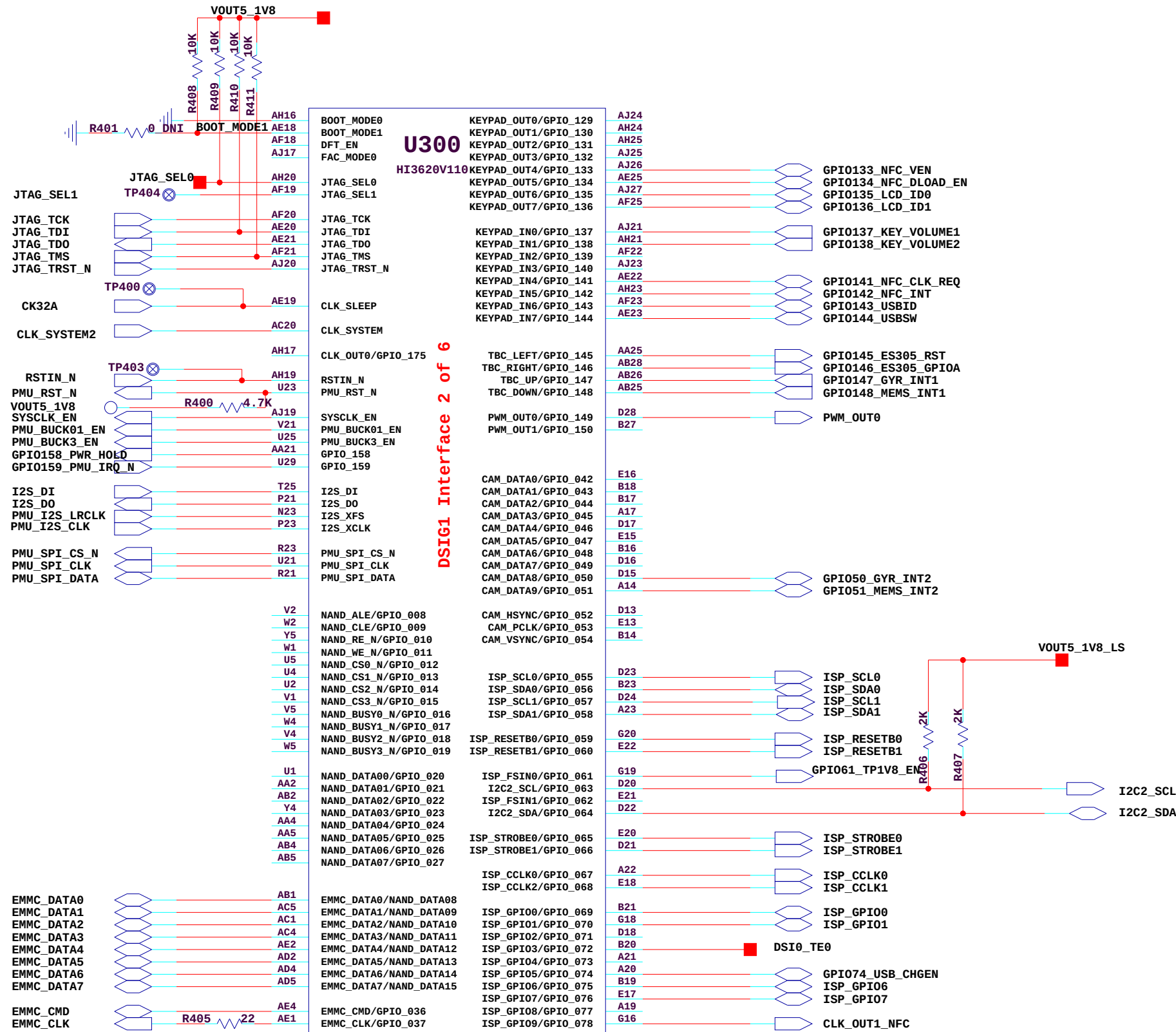
4. Hi3620

JTAG Selection setting

SEL0(ISU)	SEL1(ISD)	FUNCTION
0	0	SOC TAP
1	0	ARM COTEX A9
0	1	DAISY CHAIN
1	1	ARM TAP

Boot Mode Configuration

BOOT0(ICU)	BOOT1(ICU)	FUNCTION
0	0	Bootrom start-load
1	0	Bootrom start-nand start
0	1	Bootrom start-emmc start
1	1	EX-nand start



Hi3620v110 digital signal 1

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 4 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

A



The type and specification of the components refer to the BOM

D

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

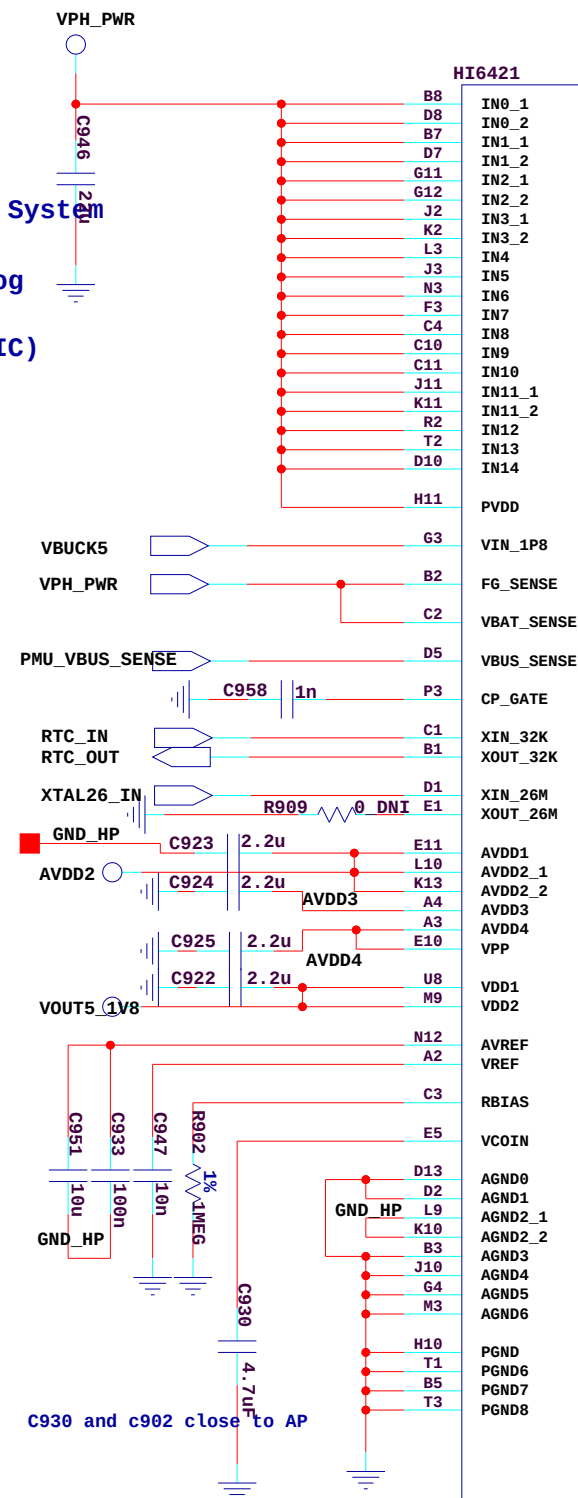
NAND Memory Int

The type and specification of the components refer to the BOM

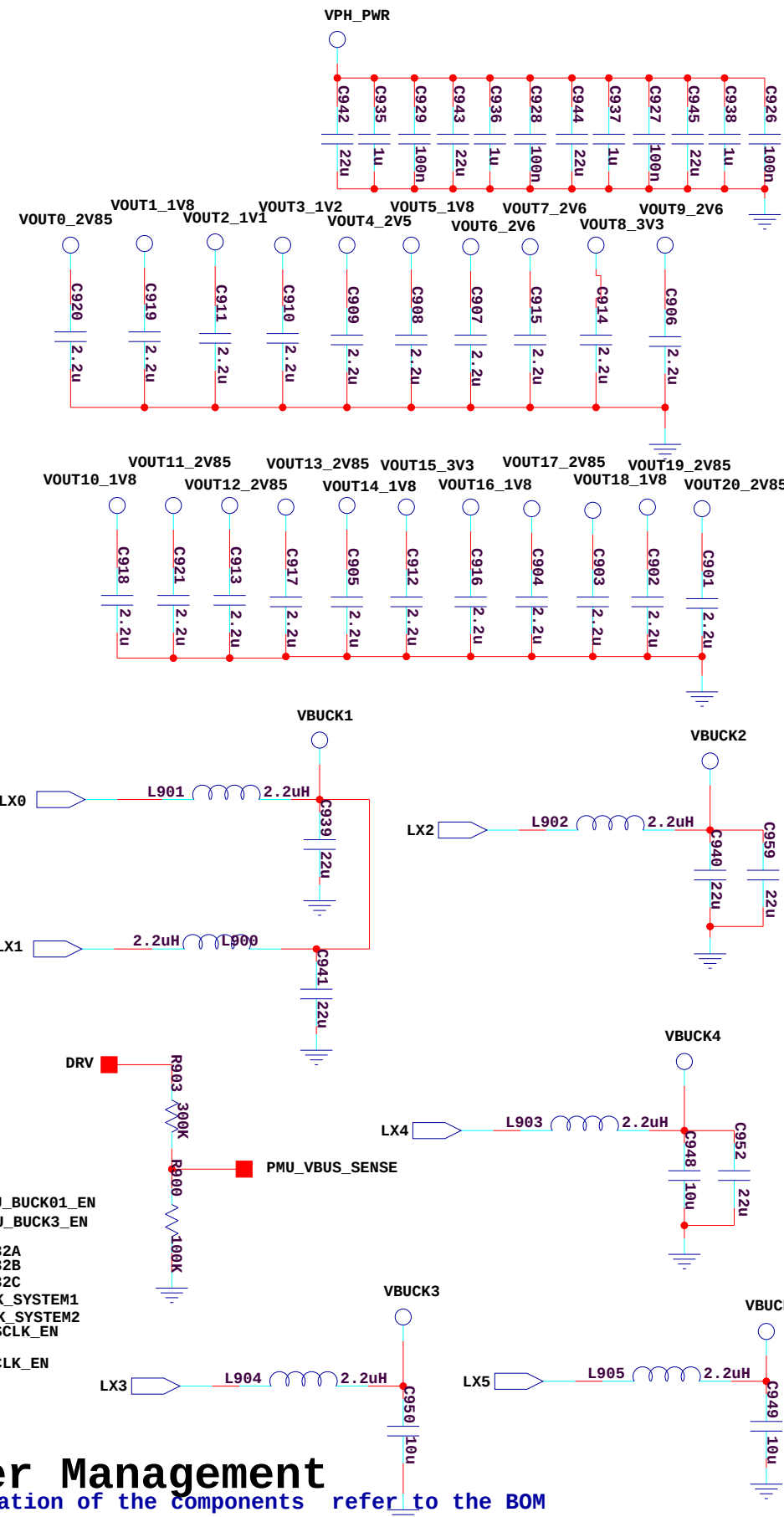
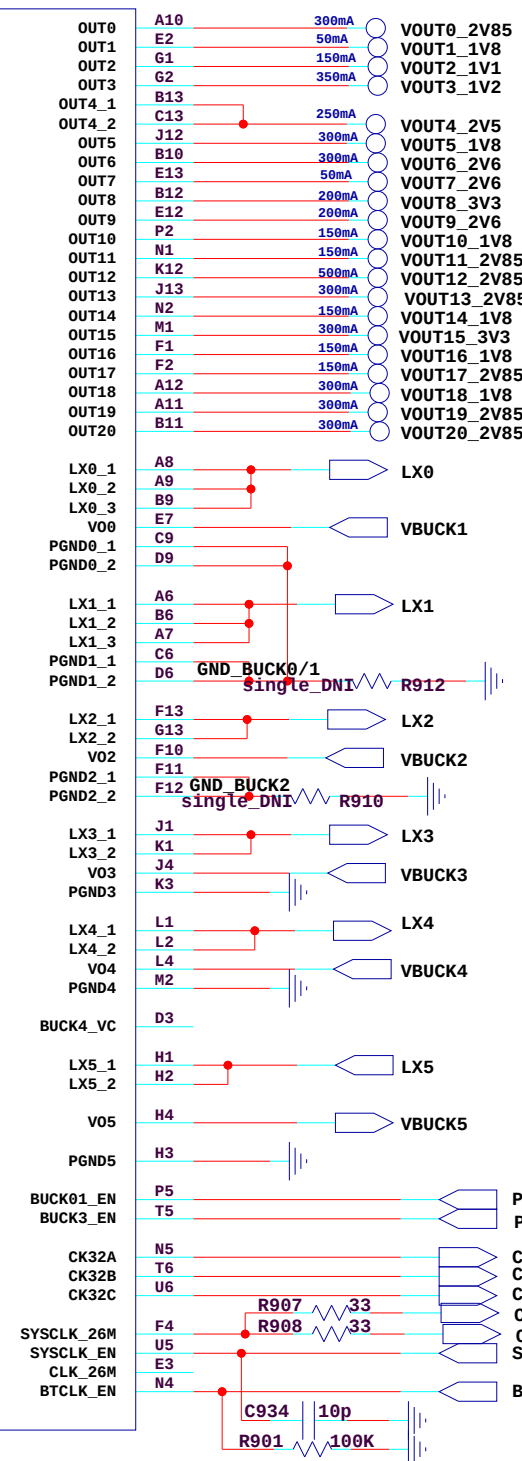
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				ECA NO	DATE
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REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 8 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

Power Management Table

Name	Voltage	Current	Function
VOUT0	2.85V	300mA	MLC NAND/eMMC
VOUT1	1.8V	50mA	26M Oscillator
VOUT2	1.1V	150mA	
VOUT3	1.2V	350mA	SYS+BT+DIG+PLL+DIG+SDR+PHY+HSIC+PHY
VOUT4	2.5V	250mA	MIPI+USB2.0+PCIE+PLL And
VOUT5	1.8V	300mA	Hi3620 1.8V I/O(BT&GPS
VOUT6	2.6V	300mA	Hi3620 2.6V I/O
VOUT7	2.6V	50mA	Hi3620 SD I/O
VOUT8	3.3V	200mA	USB PHY
VOUT9	2.6V	200mA	Efuse Power
VOUT10	1.8V	150mA	BT RF&PA
VOUT11	2.85V	150mA	GPS RF&PA
VOUT12	2.85V	500mA	SD Card
VOUT13	2.85V	300mA	CMMB
VOUT14	1.8V	150mA	WIFI I/O
VOUT15	3.3V	300mA	WIFI Core&PA
VOUT16	1.8V	150mA	LCD I/O
VOUT17	2.85V	150mA	LCD Analog
VOUT18	1.8V	300mA	Camera I/O
VOUT19	2.85V	300mA	LCD Camera Analog
VOUT20	2.85V	300mA	LCD Camera VCM
VBUCK1	1.1V	4000mA	A9 Core
VBUCK2	1.1V	1400mA	GPU
VBUCK3	1.1V	1100mA	Peripheral
VBUCK4	1.2/1.8V	3000mA	LPDDR2/AP IO
	1.8V	500mA	Low Voltage LDO



PWR Interface 2 of 2

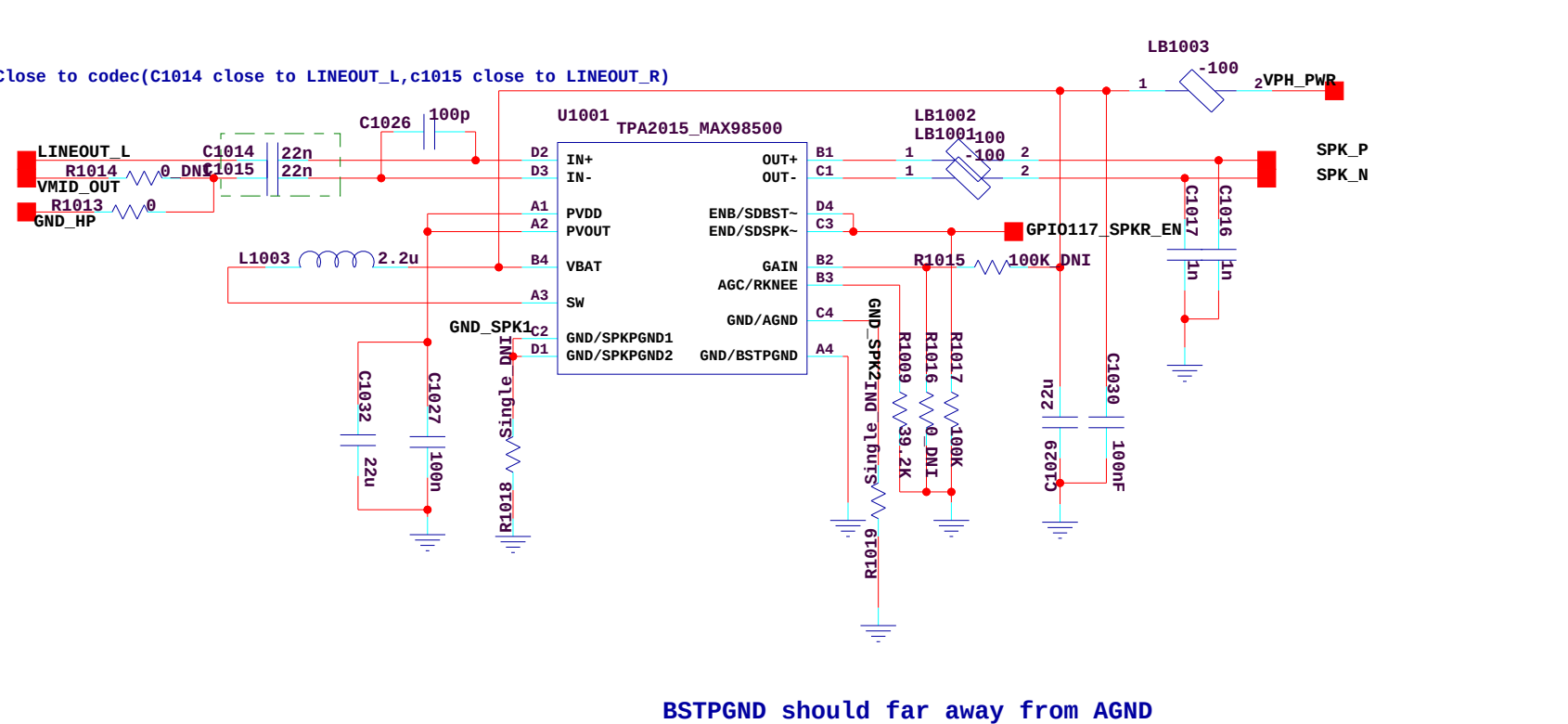
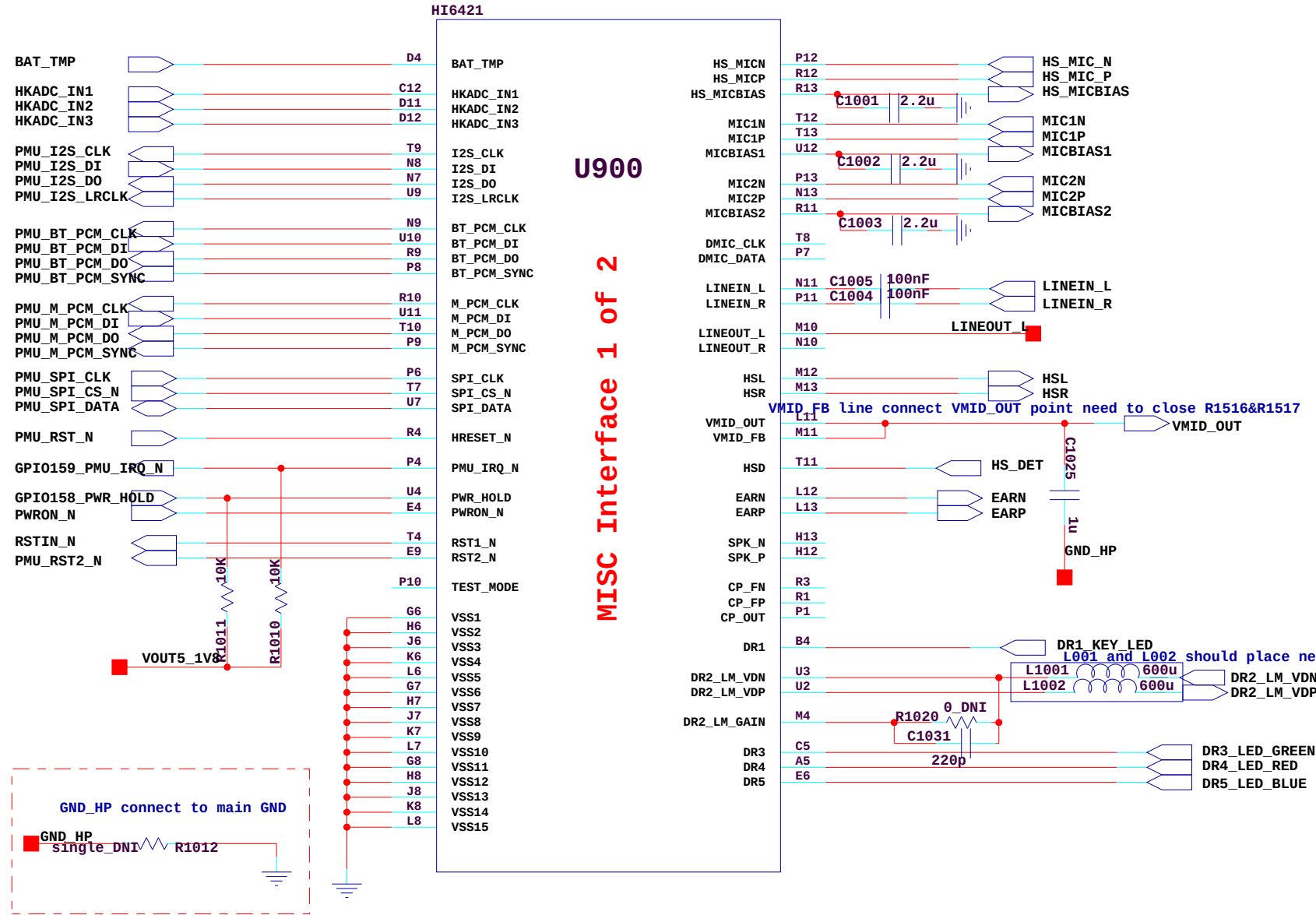


Hi6421 Power Management

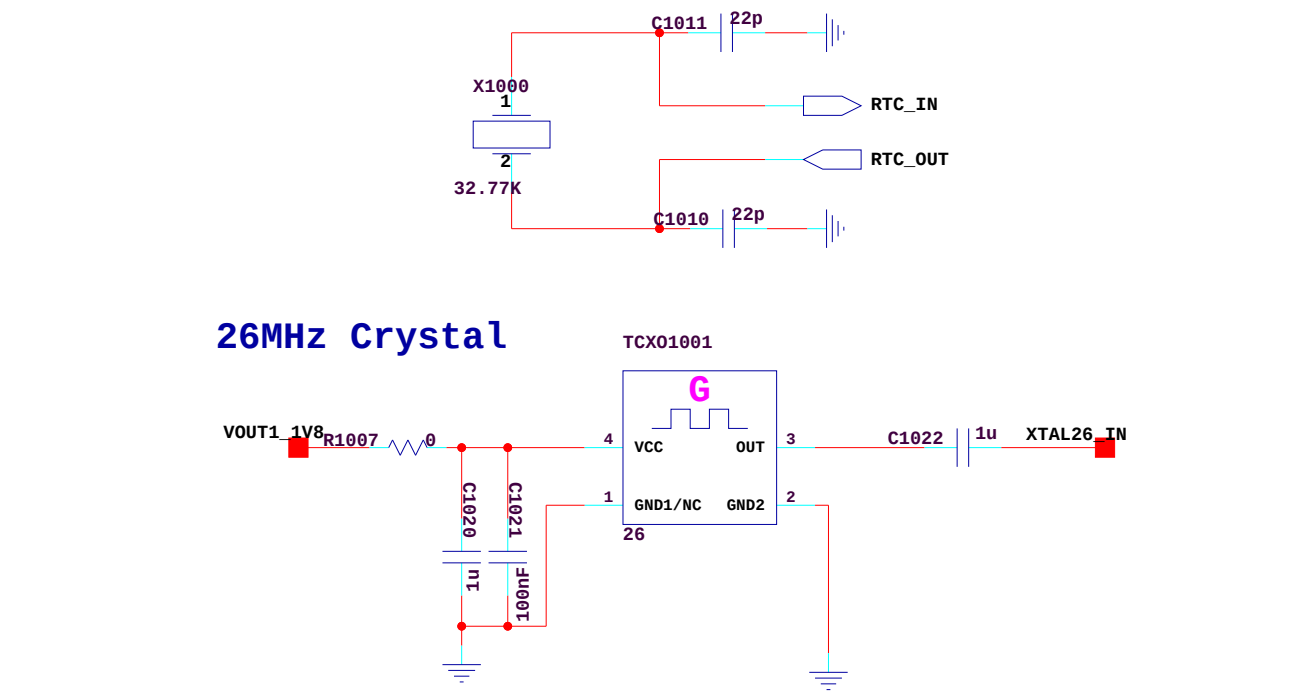
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DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 9 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD	

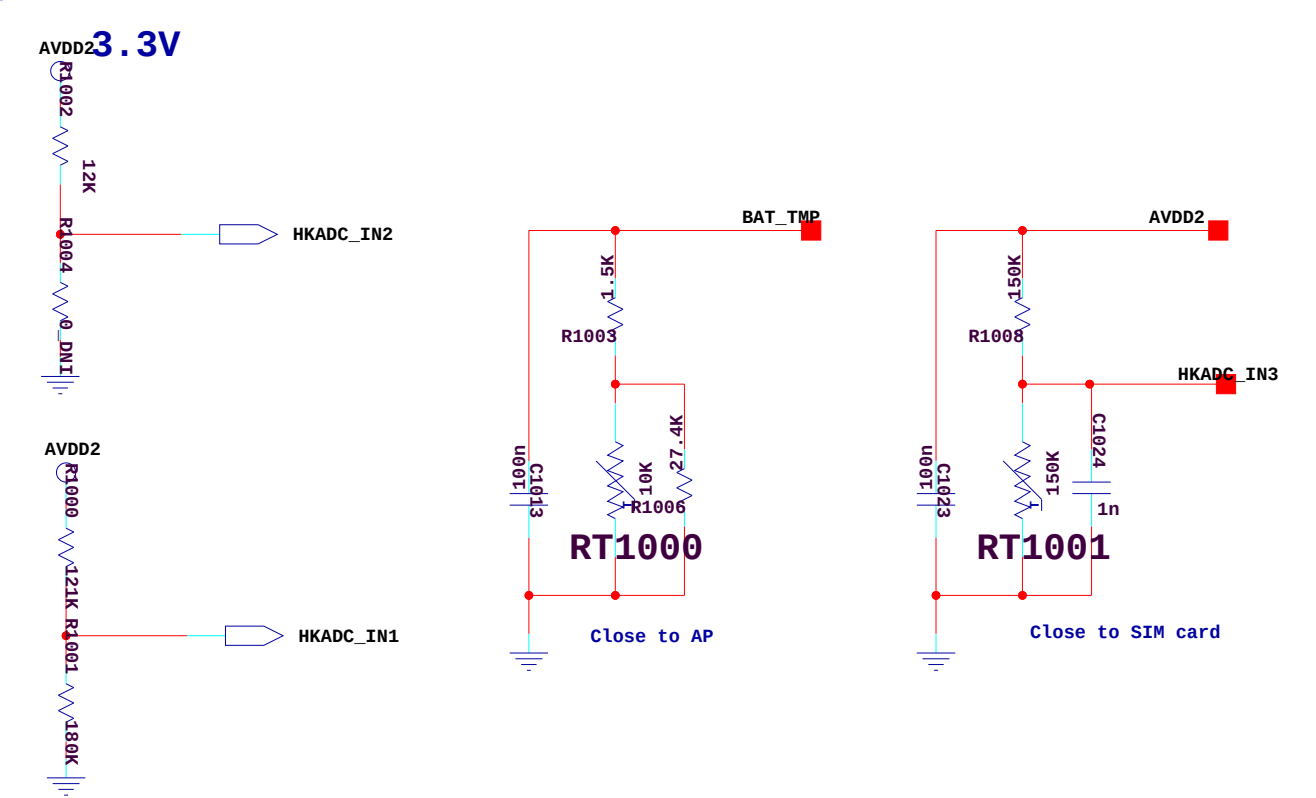
Hi6421 Audio CODEC



Crystal

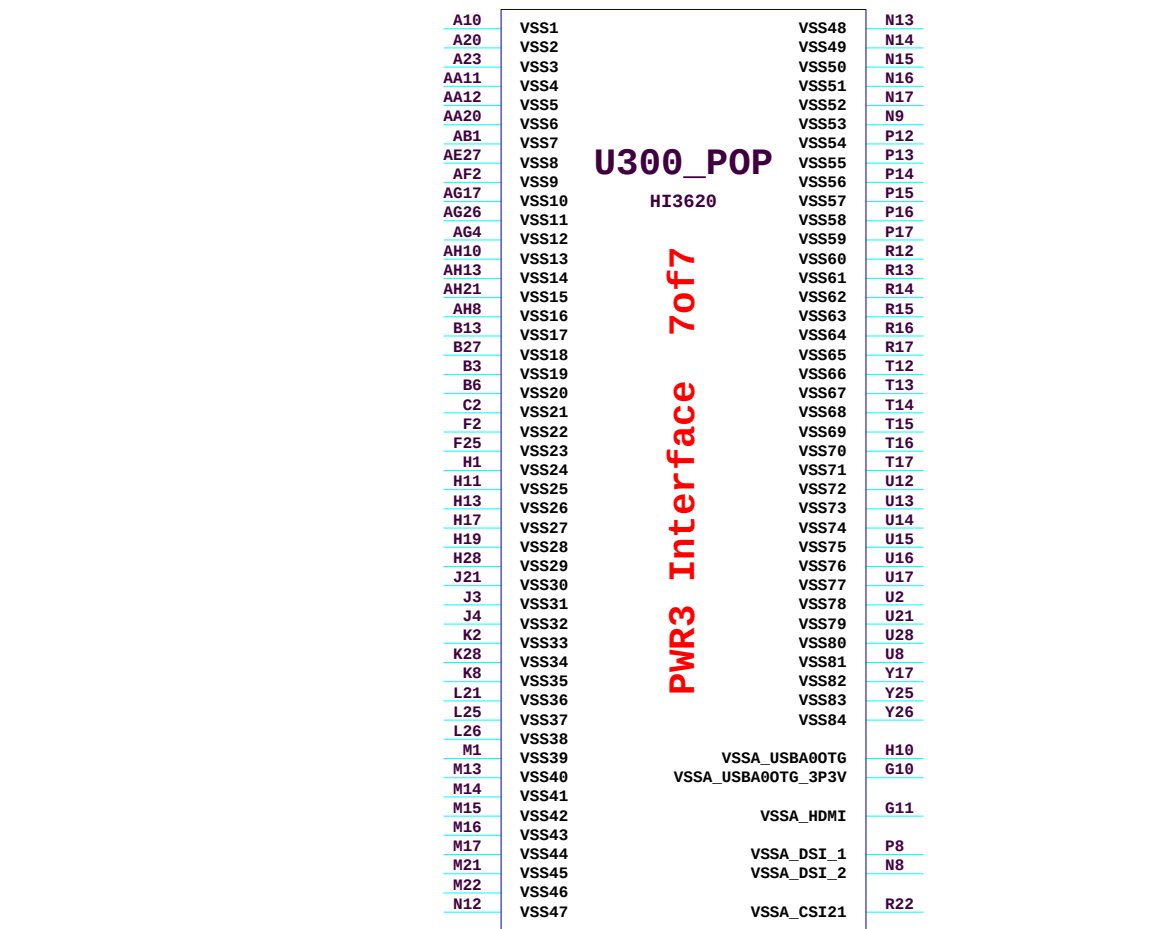
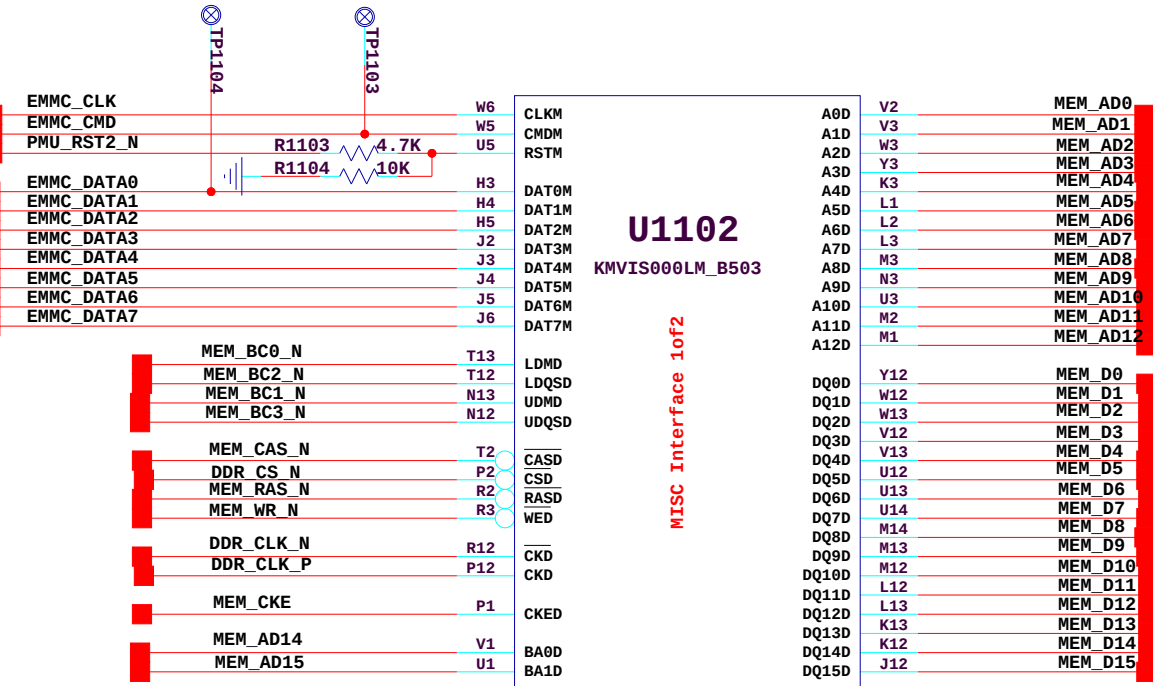


HW Version Detect

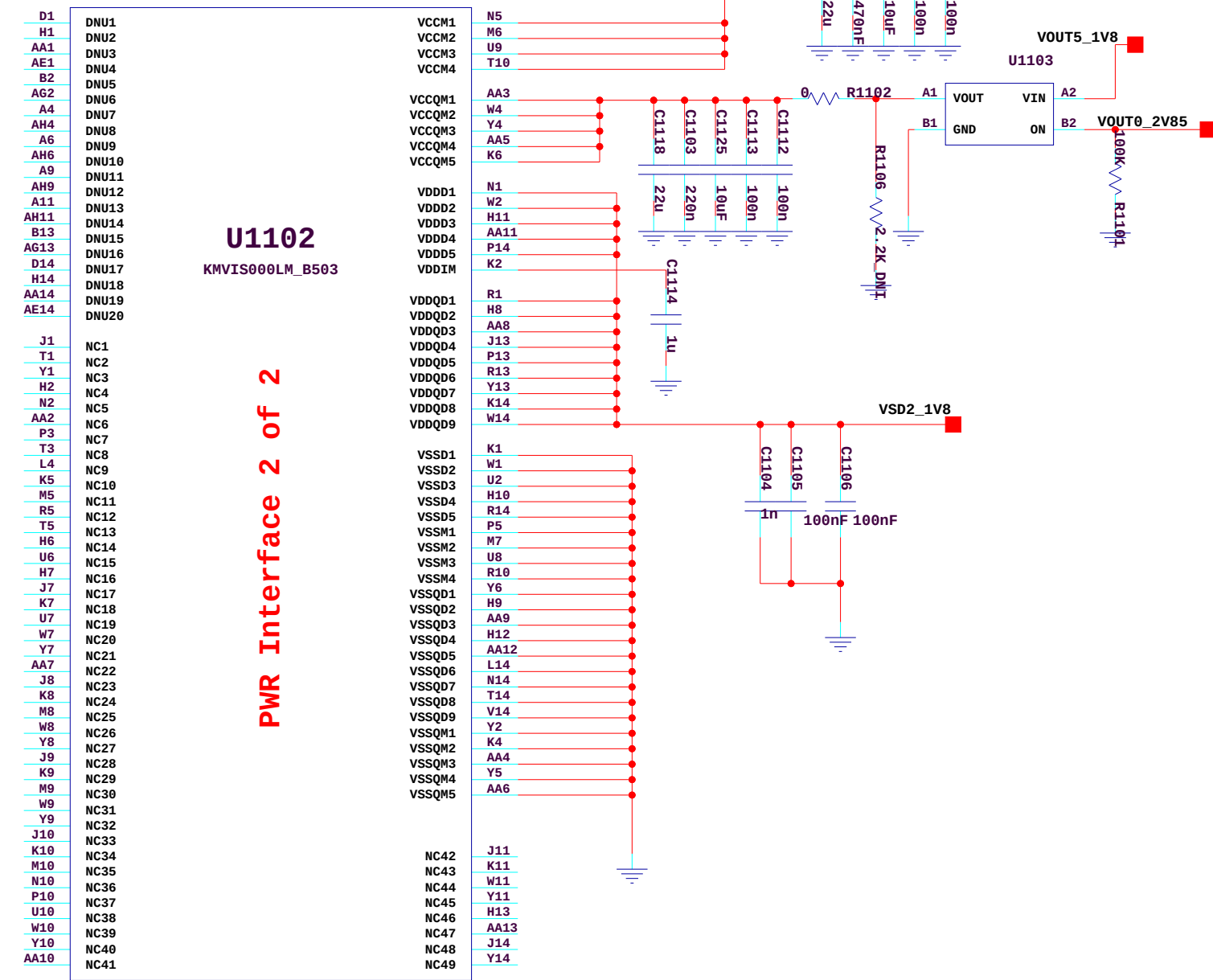


The type and specification of the components refer to the BOM					
				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 10 OF 60	
		A	03021TXV	HUAWAI TECH CO.,LTD.	

11. 8GB eMMC AND LPDDR2



12*16,Need to Cover shield



The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 11 OF 60	
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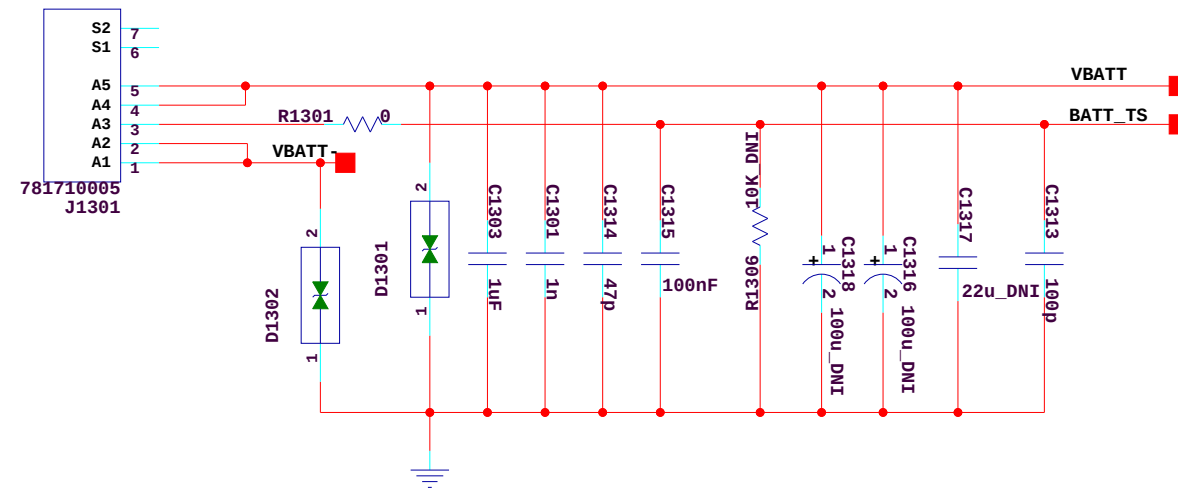
12.3262

The type and specification of the components refer to the BOM

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		A	03021TXV	HUAWEI TECH CO.,LTD.	

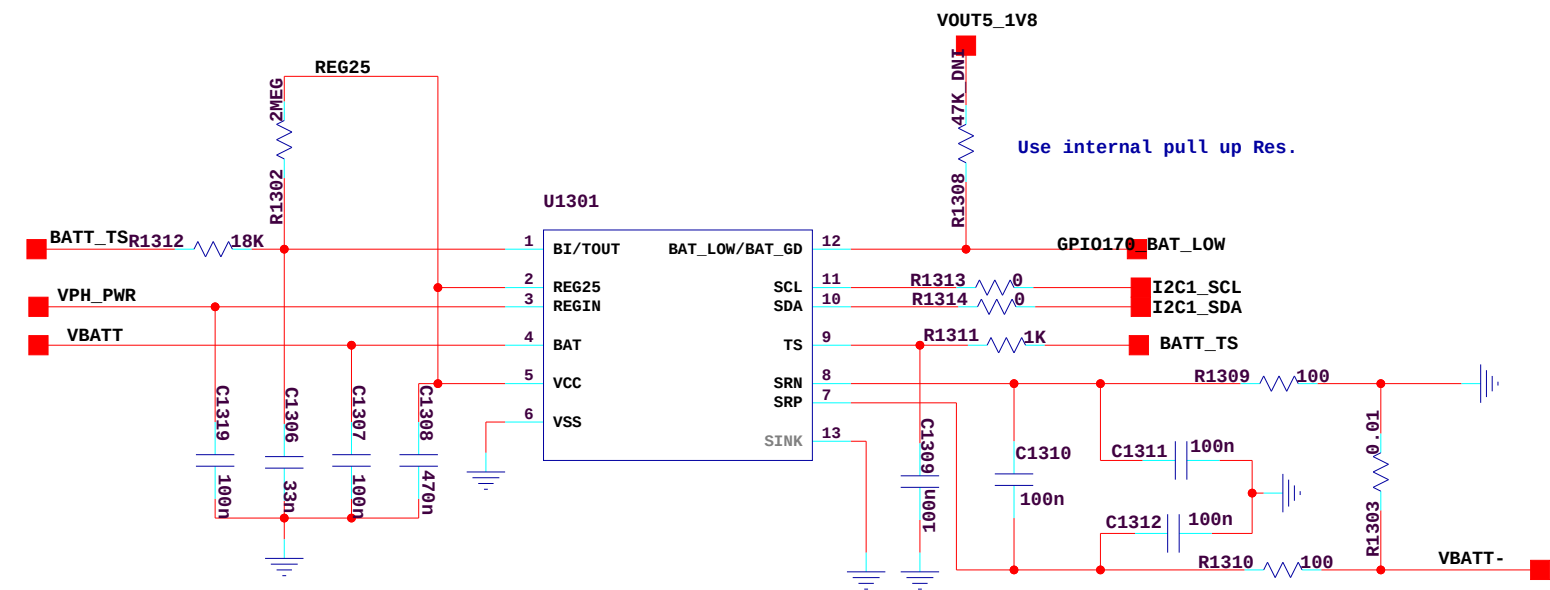
13. Battery management/Battery

Battery Connector



BATTERY MANAGEMENT

CAD note: U1301 close to battery connector



CAD note: differential tr

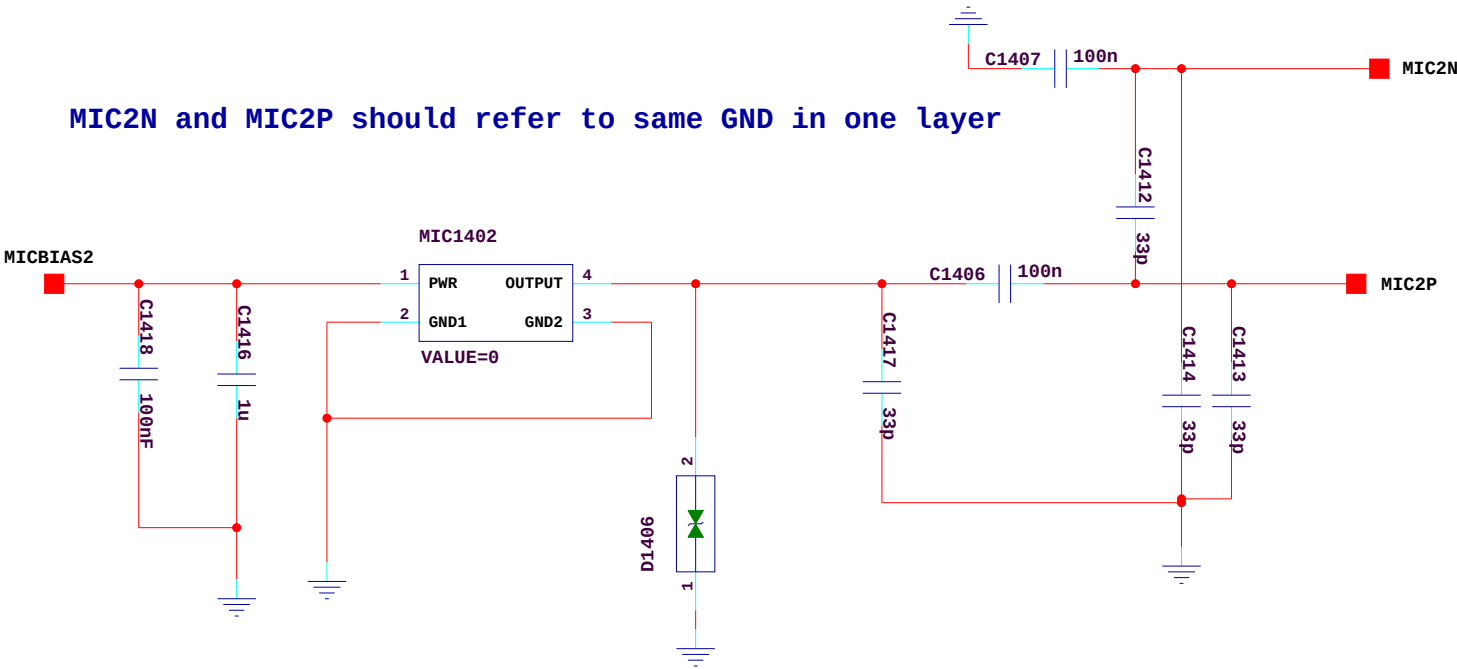
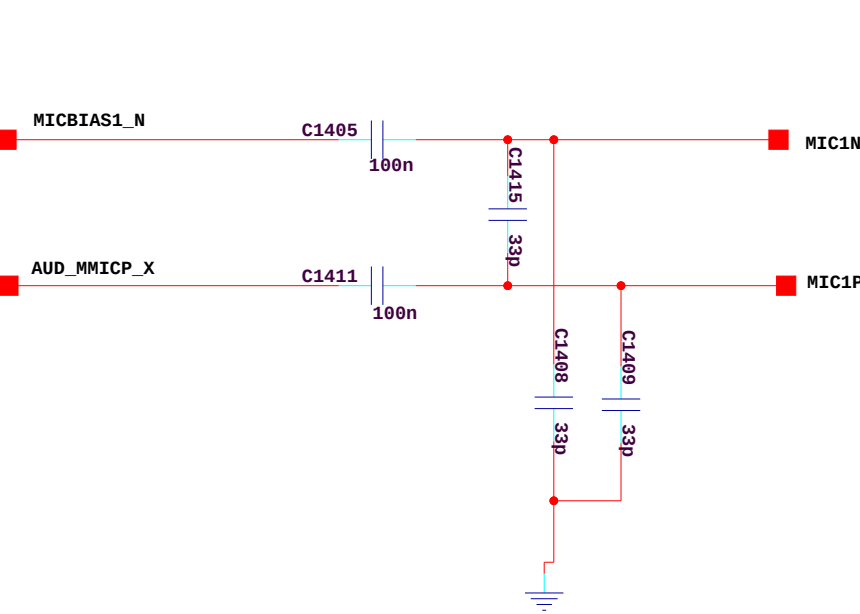
The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
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REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 13 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

14. MIC

Primarily Handset Mic

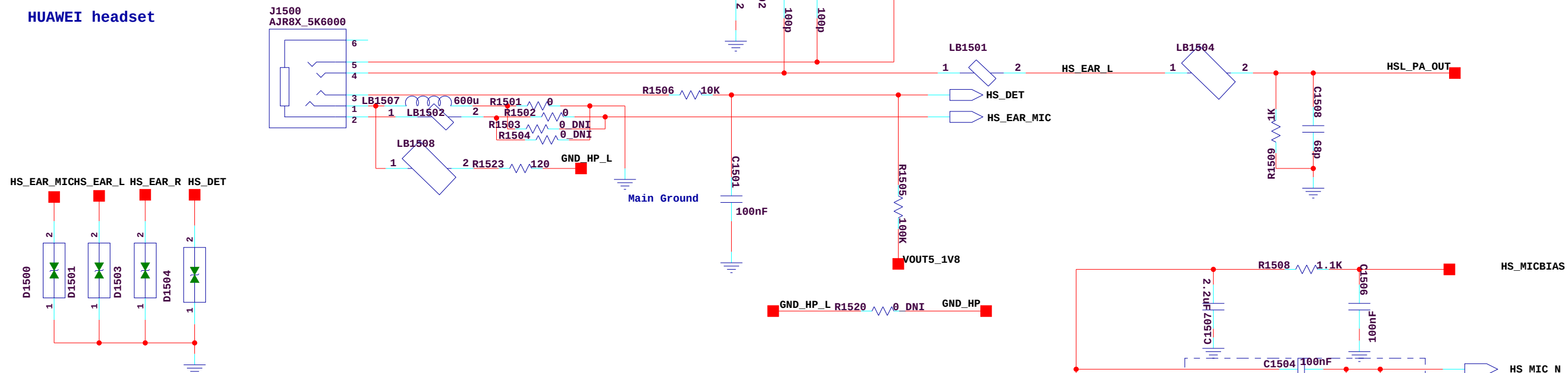
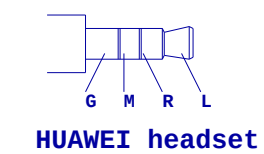
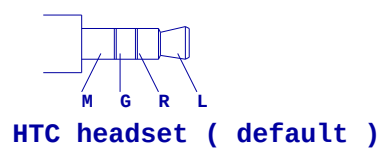
Second Handset Mic For Noise Cancellation



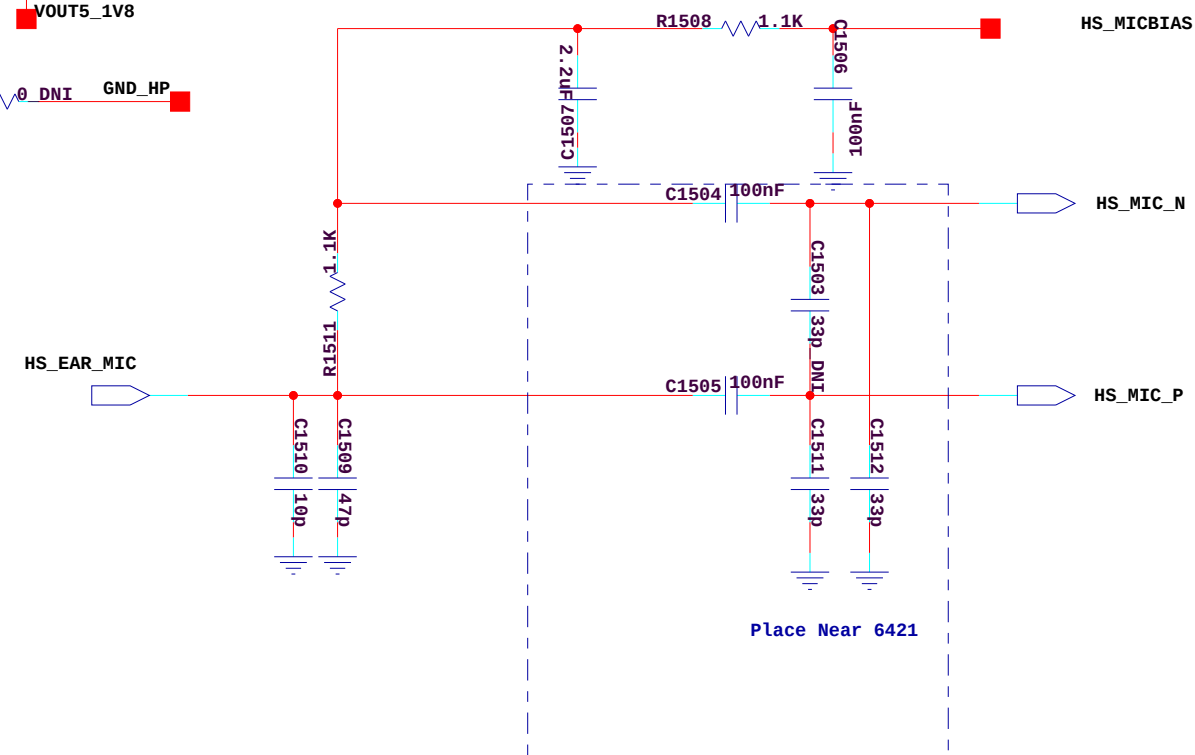
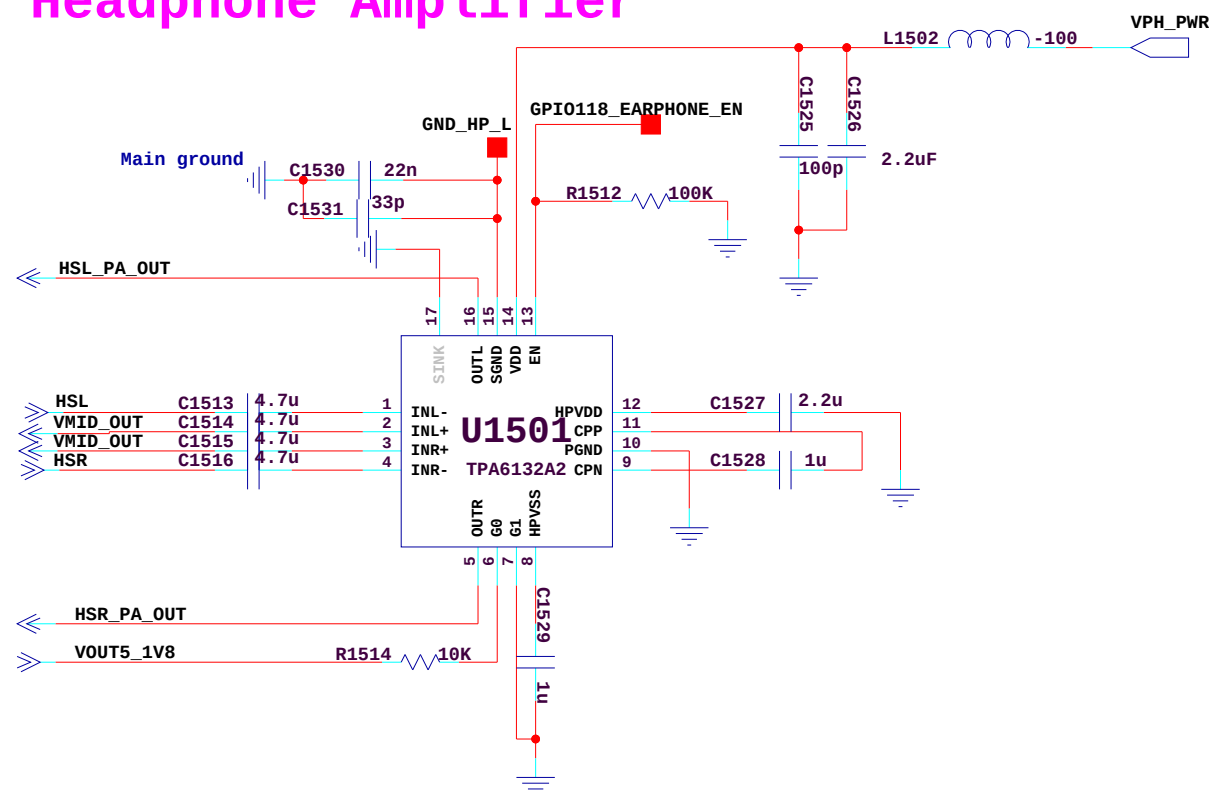
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REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 14 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

15. 3.5 Headphone



Stereo Headphone Amplifier



The type and specification of the components refer to the BOM

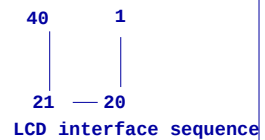
Headphone				NA	2012.06.05
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REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 15 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

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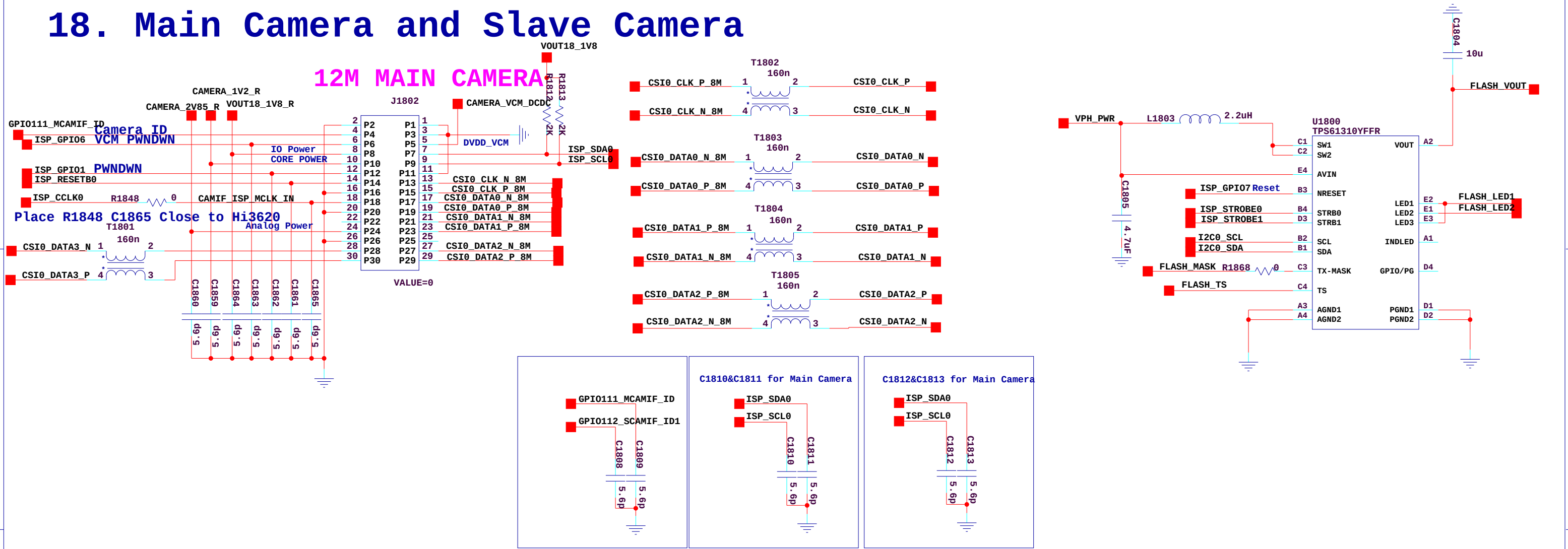
17.ISP Module Circuits

The type and specification of the components refer to the BOM

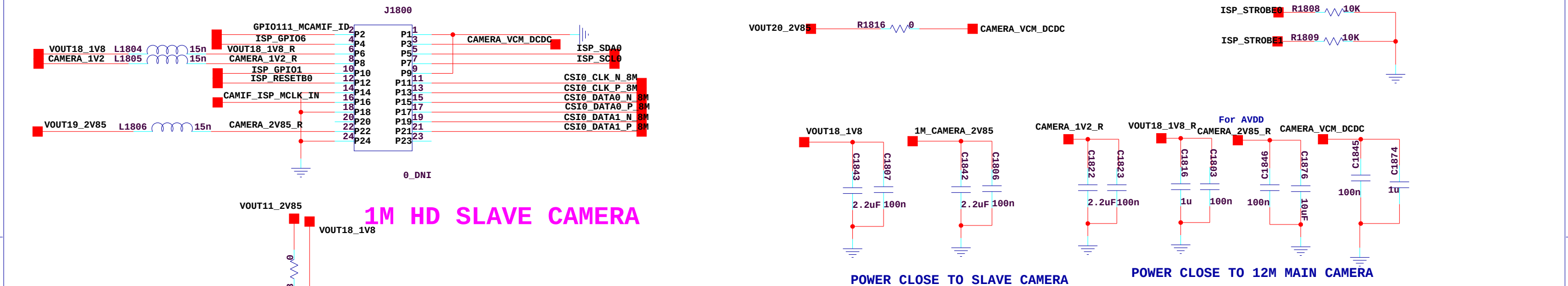
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REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 17 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

18. Main Camera and Slave Camera

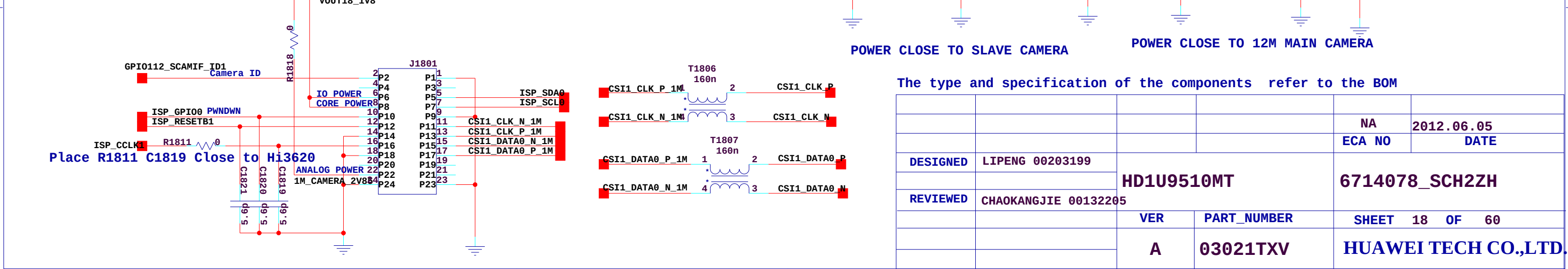
12M MAIN CAMERA



8M MAIN CAMERA



1M HD SLAVE CAMERA

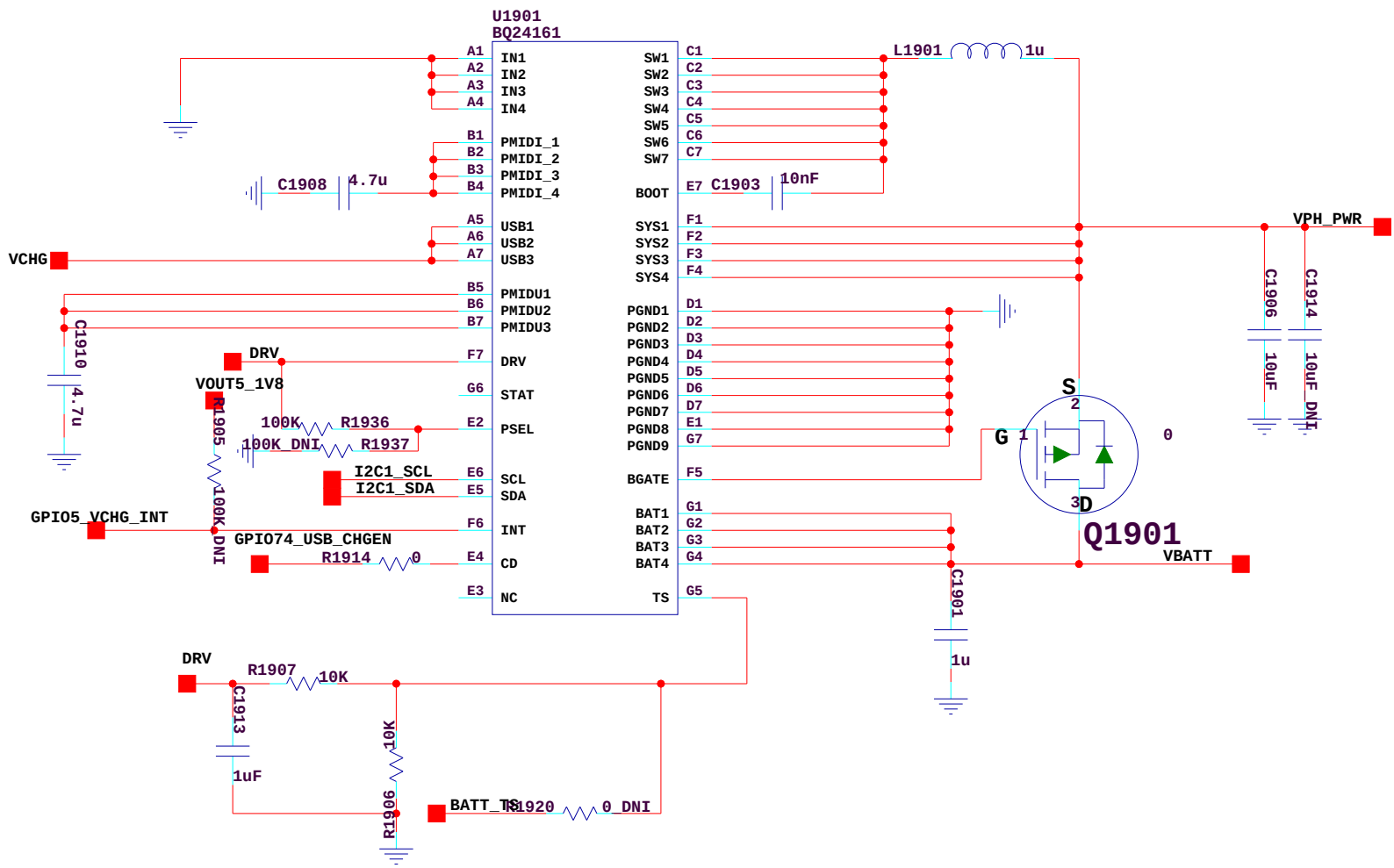
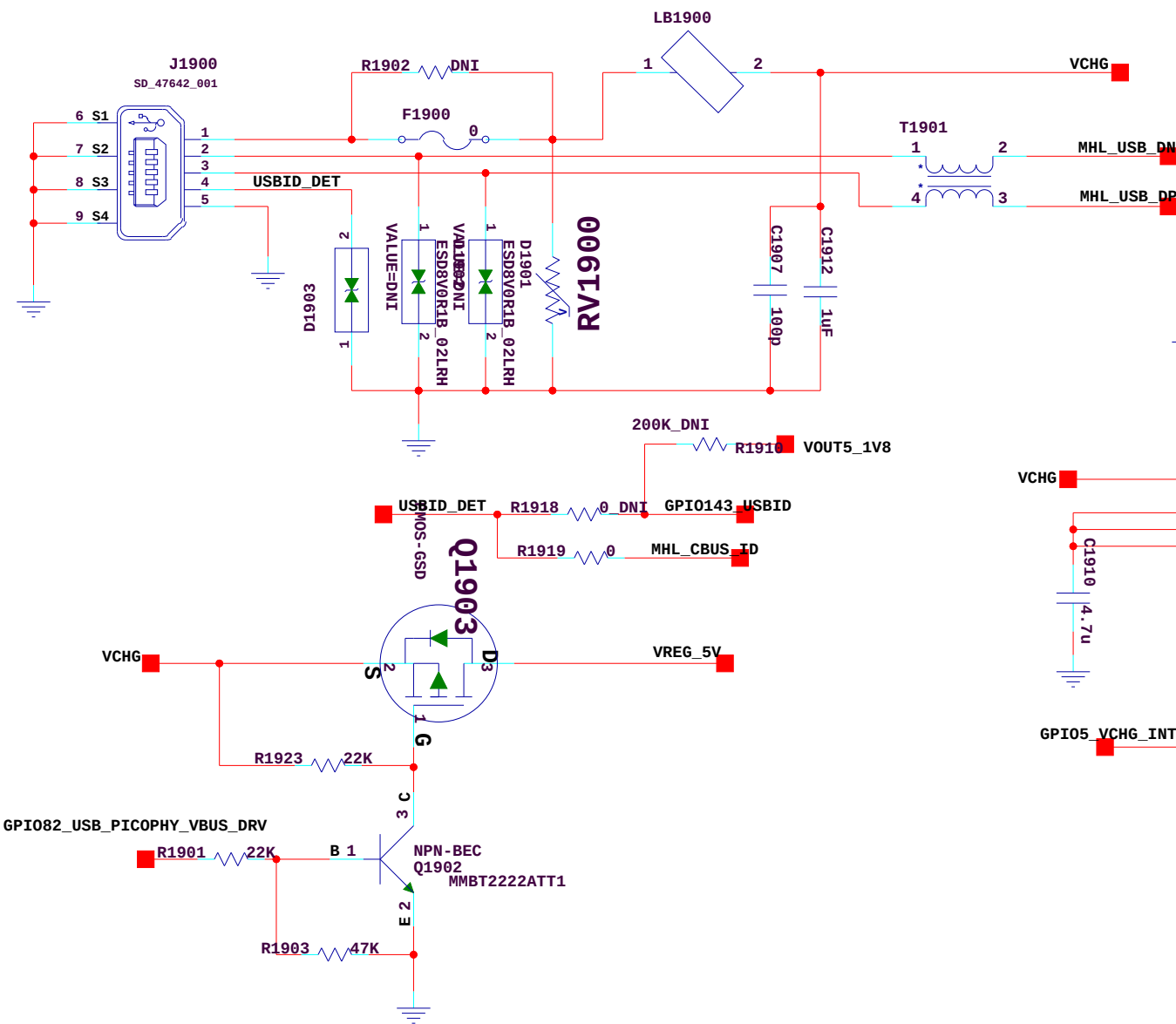


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REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 18 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

19. USB/Charge management

Micro USB Connector

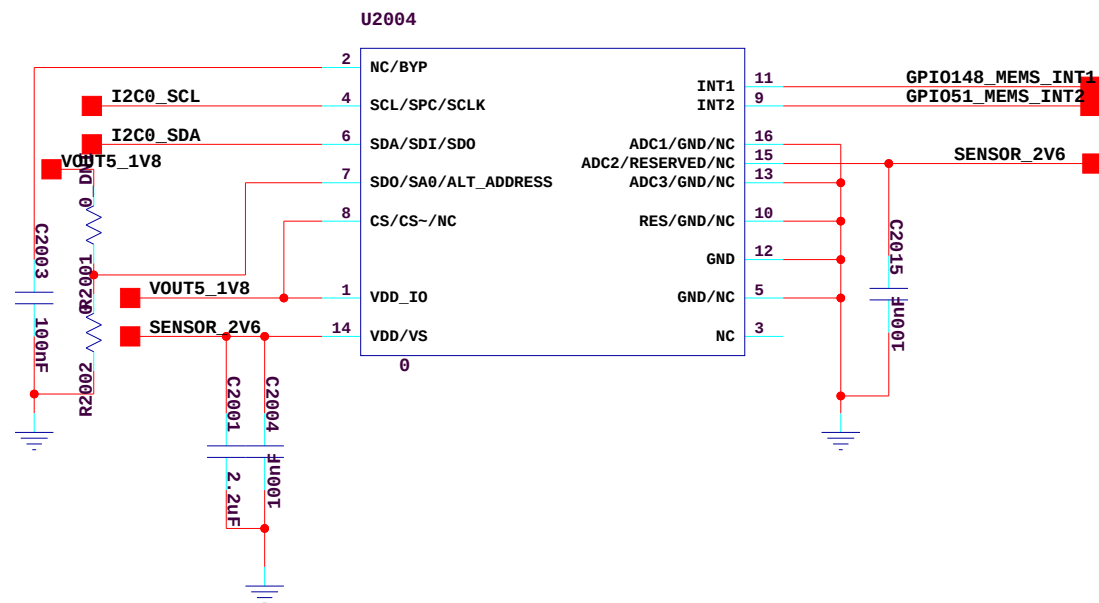


The type and specification of the components refer to the BOM

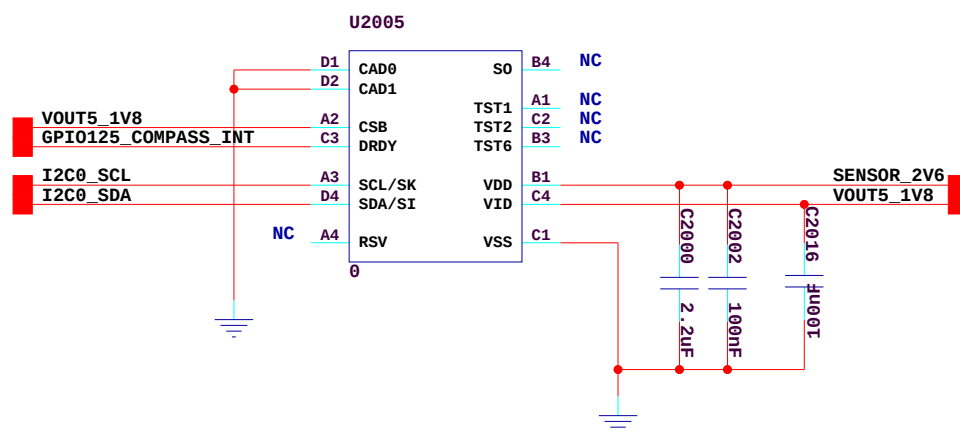
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		A	03021TXV	HUAWEI TECH CO.,LTD.	

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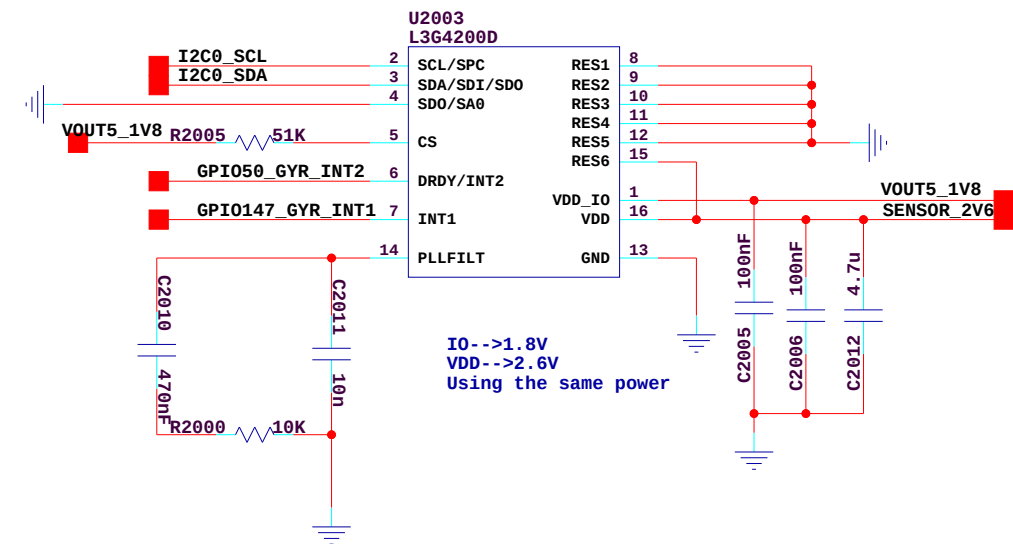
Accelerometer



Compass



Gyroscope



IO-->1.8V
VDD-->2.6V
Using the same power

The type and specification of the components refer to the BOM

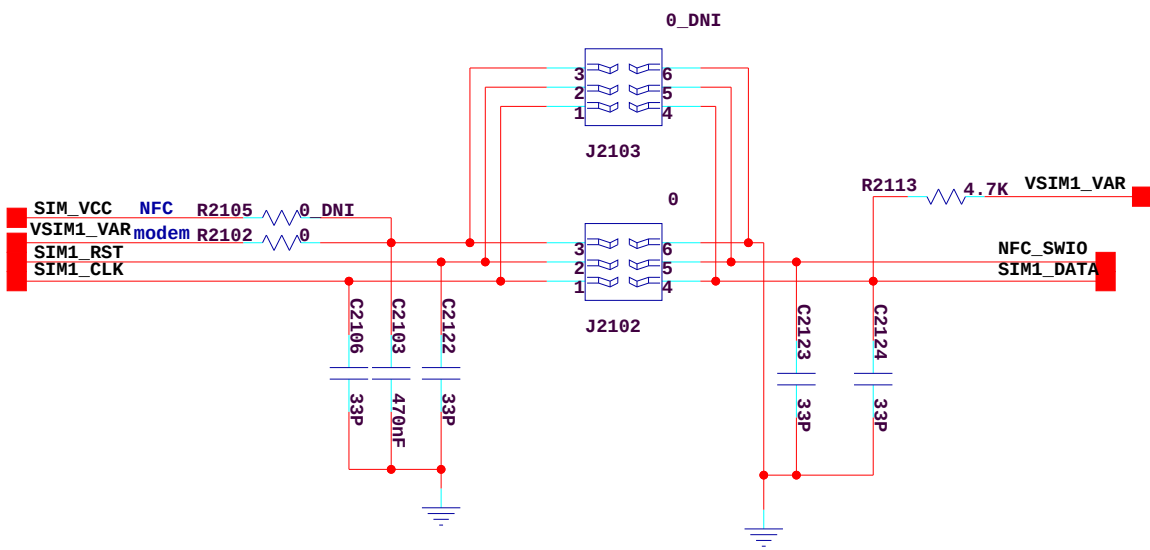
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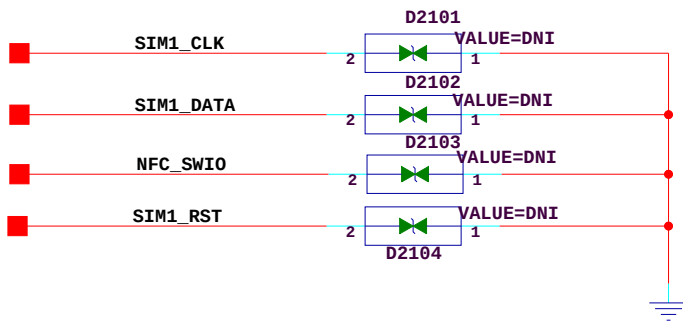
21. SIM/TF card

SIM Card

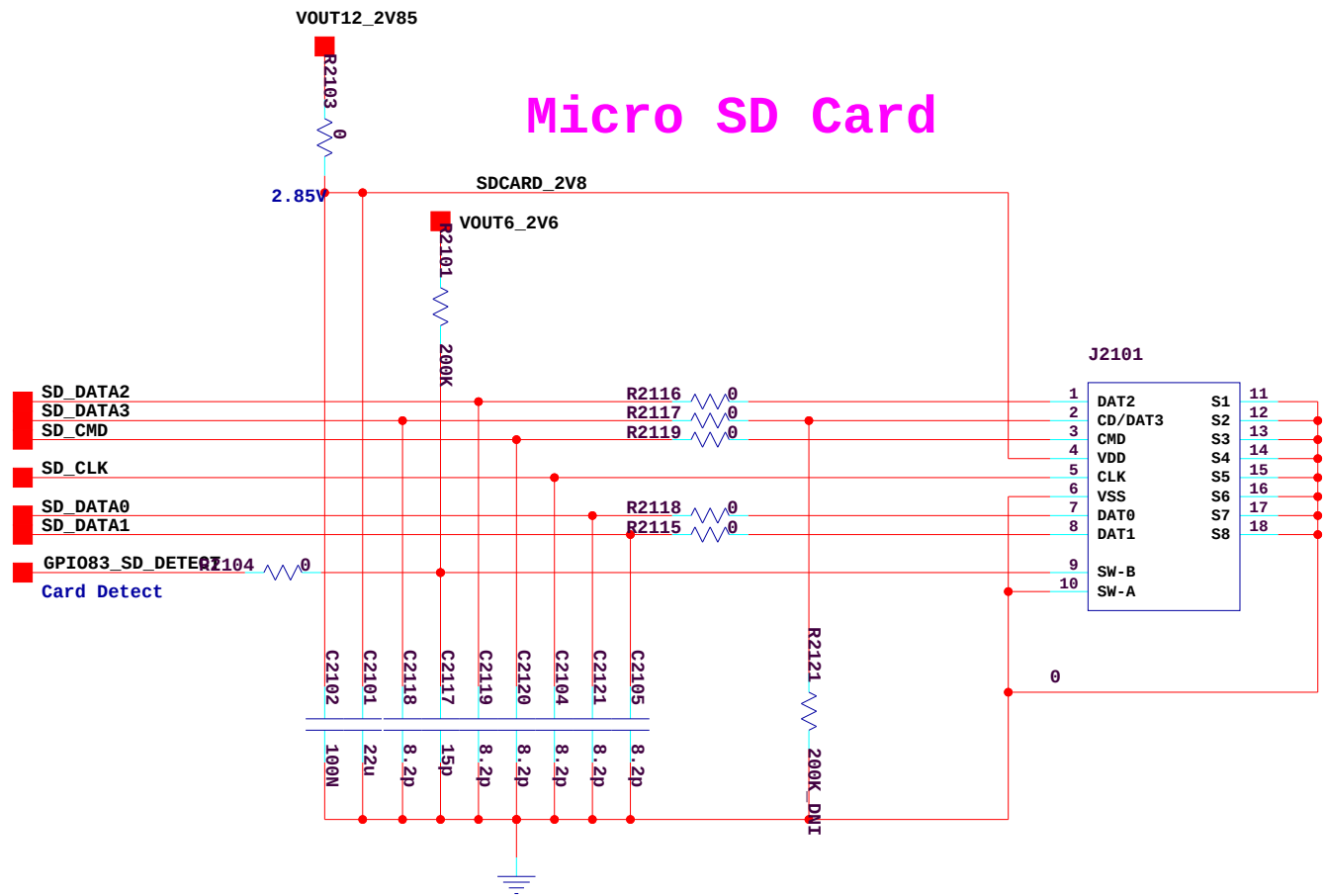
J2102's specically for single SIM card project usage
J2103's specically for dual SIM card project usage



SIM Card ESD Protect



Micro SD Card

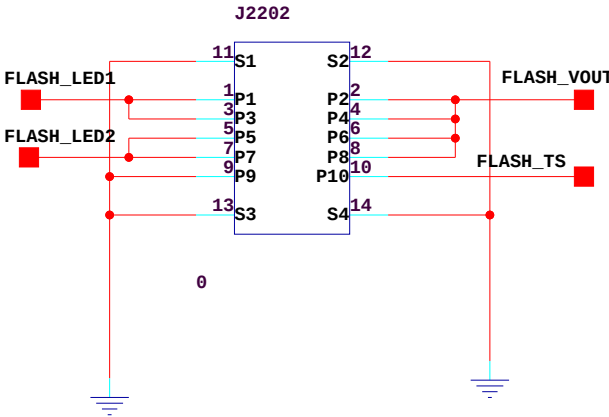
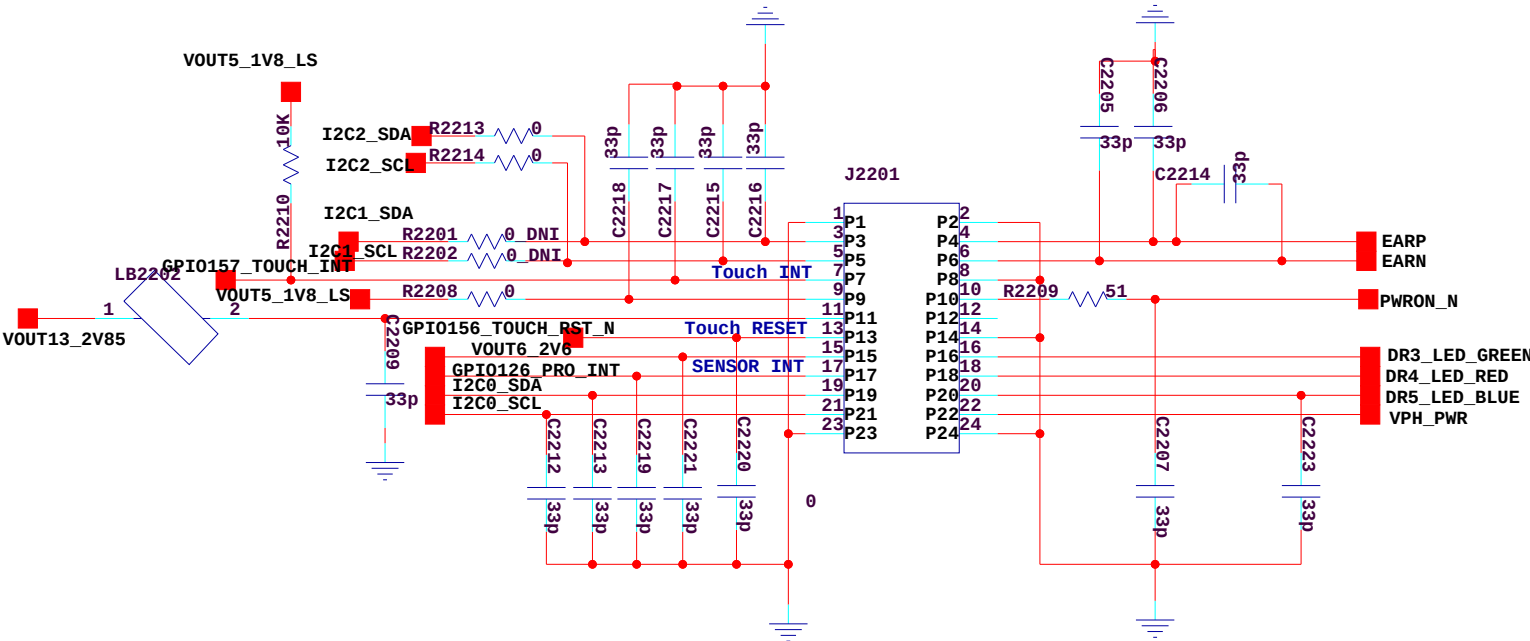


The type and specification of the components refer to the BOM

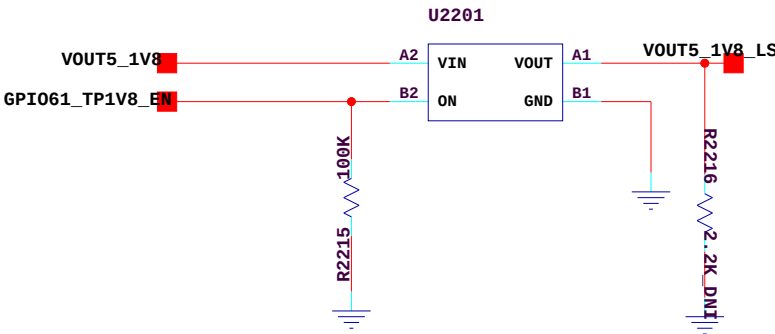
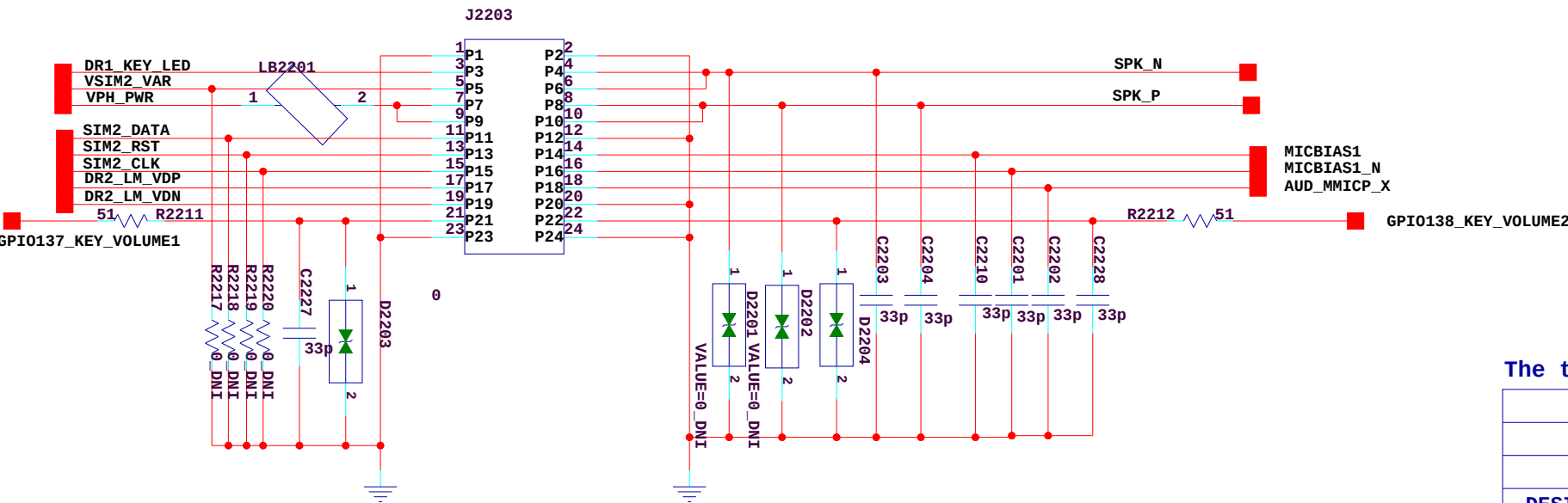
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REVIEWED	CHAO KANGJIE 00132205				
		VER	PART_NUMBER	SHEET 21 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

22. FPC interface

Up FPC interface



Down FPC interface



The type and specification of the components refer to the BOM

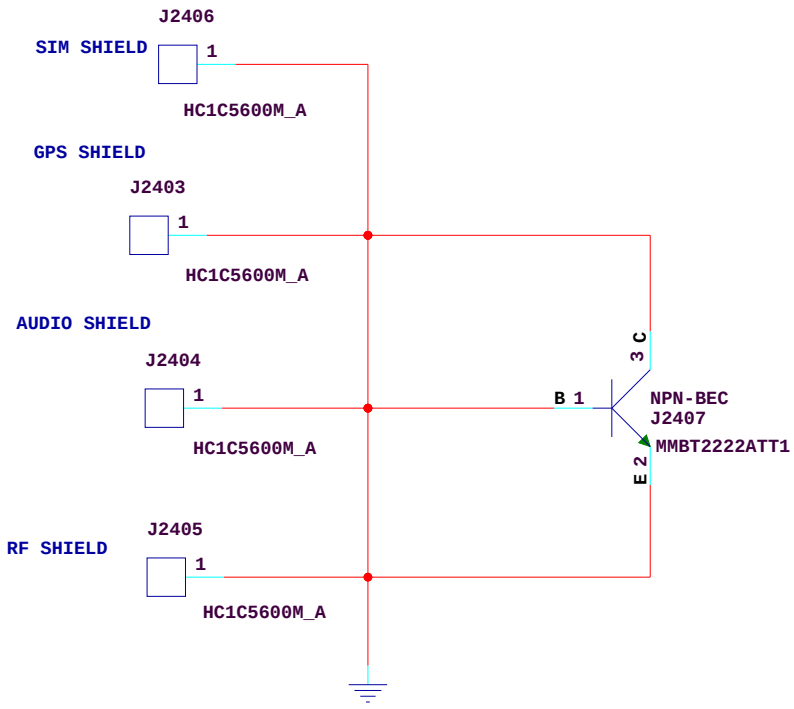
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		VER	PART_NUMBER	SHEET 22 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

23. HDMI Connector

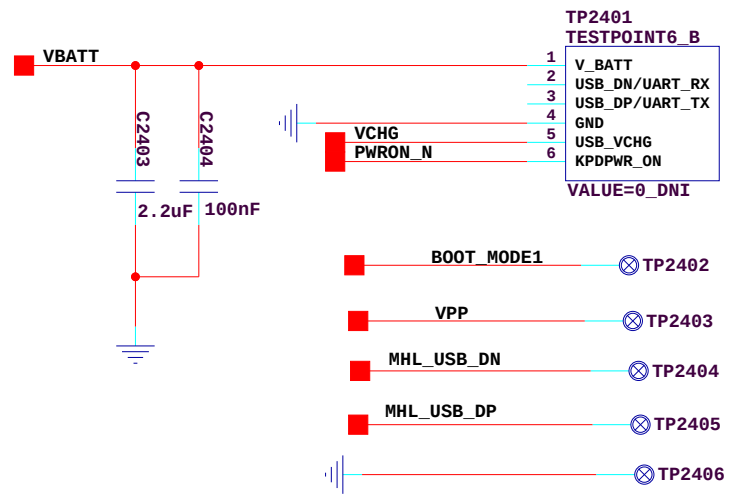
The type and specification of the components refer to the BOM

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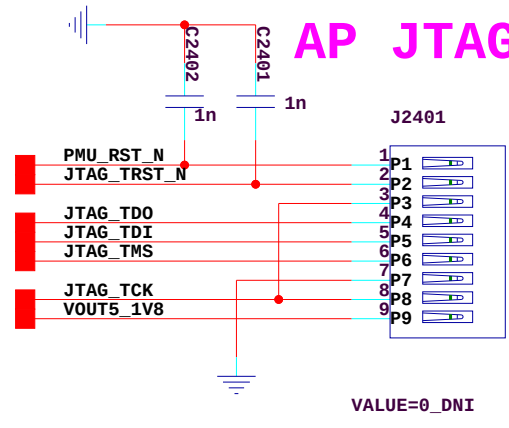
24. Test Points/JTAG/Shields



TEST POINT for CT and BT

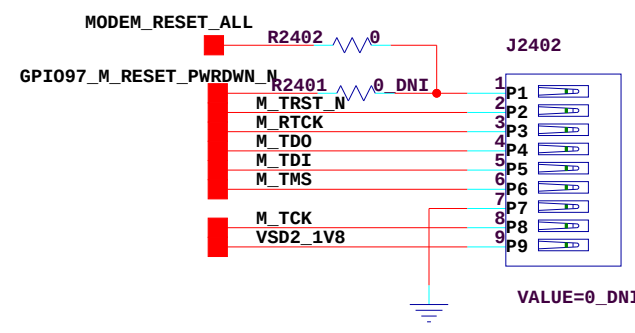


AP JTAG



ANCHOR POINT	ANCHOR HOLE
ID1	M1
ID2	M2
ID3	M3
ID4	M4
ID5	M5

MODEM JTAG

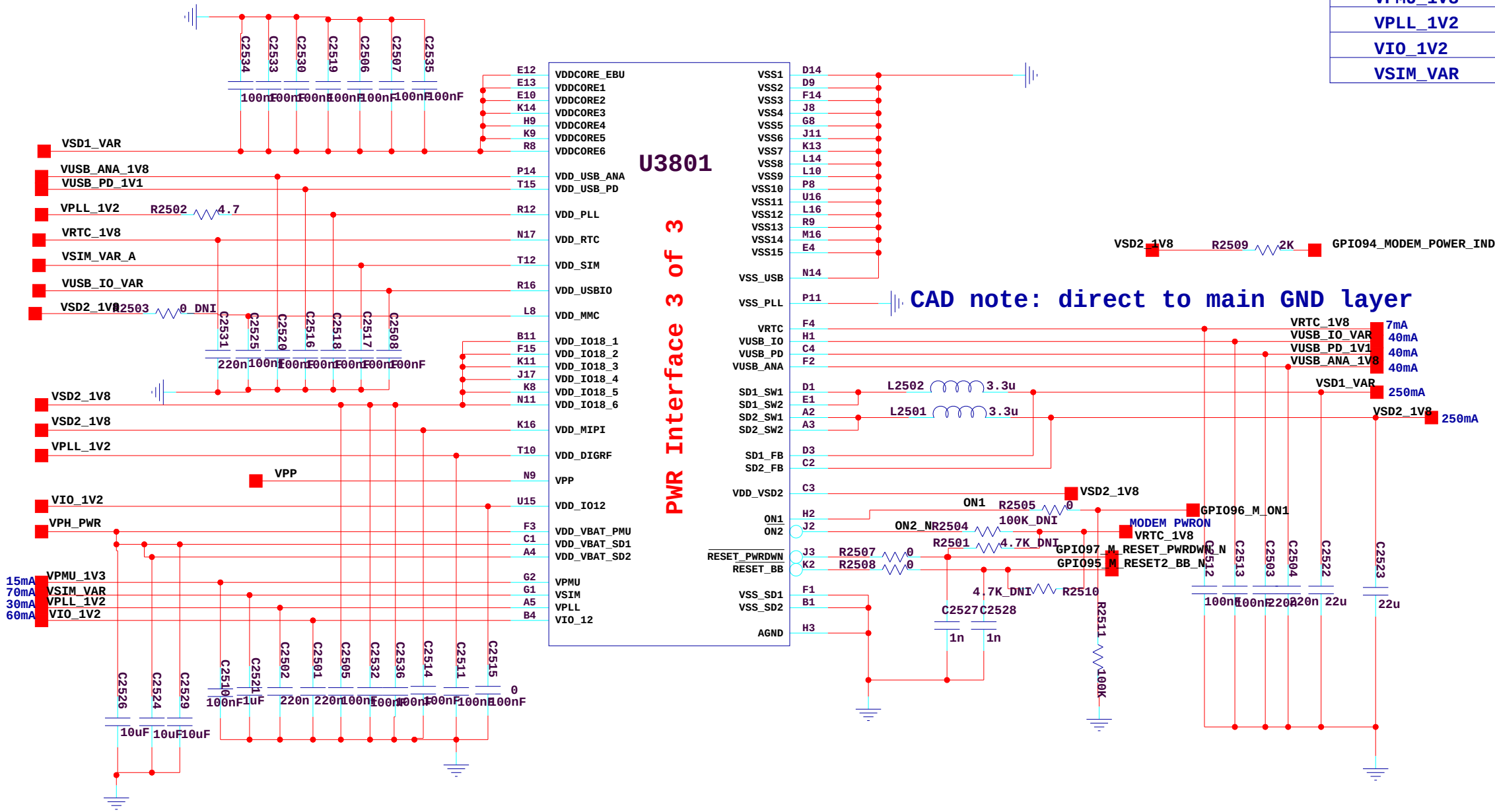


The type and specification of the components refer to the BOM

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				ECA NO	DATE
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REVIEWED	CHAO KANGJIE 00132205				
		VER	PART_NUMBER	SHEET 24 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

25.X-GOLD626 PMU

Power Net	Voltage
VSD1_VAR	0.9V...1.2V (20mV steps)
VSD2_1V8	1.8V
VUSB_PD_1V1	1.1V
VUSB_ANA_1V8	1.8V
VUSB_IO_VAR	2.5V / 2.85V / 3.1V
VRTC_1V8	1.8V
VPMU_1V3	1.1V/1.3V
VPLL_1V2	1.2V
VIO_1V2	1.2V
VSIM_VAR	1.8V / 2.9V



The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 25 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

VSNS_1V2 40/100mA
VSNS_1V8 90/170mA
VSNS_2V85 80/160mA
VSNS_2V85:Max 160mA, type 80mA

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				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAO KANGJIE 00132205				
		VER	PART_NUMBER	SHEET 26 OF 60	
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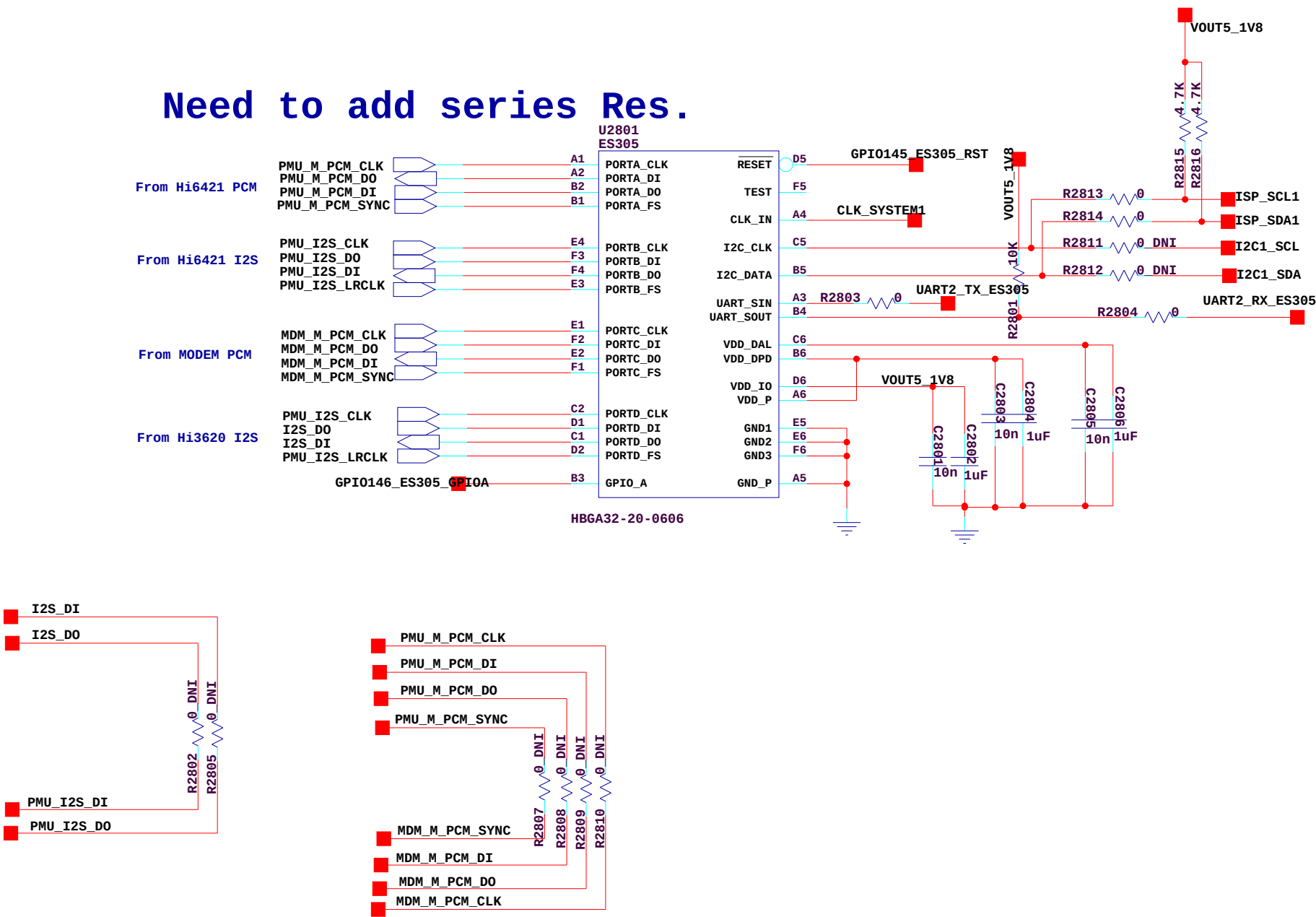


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28.Audience ES305

Need to add series Res.



The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 28 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

A

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29 .Cap Key

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 29 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

1

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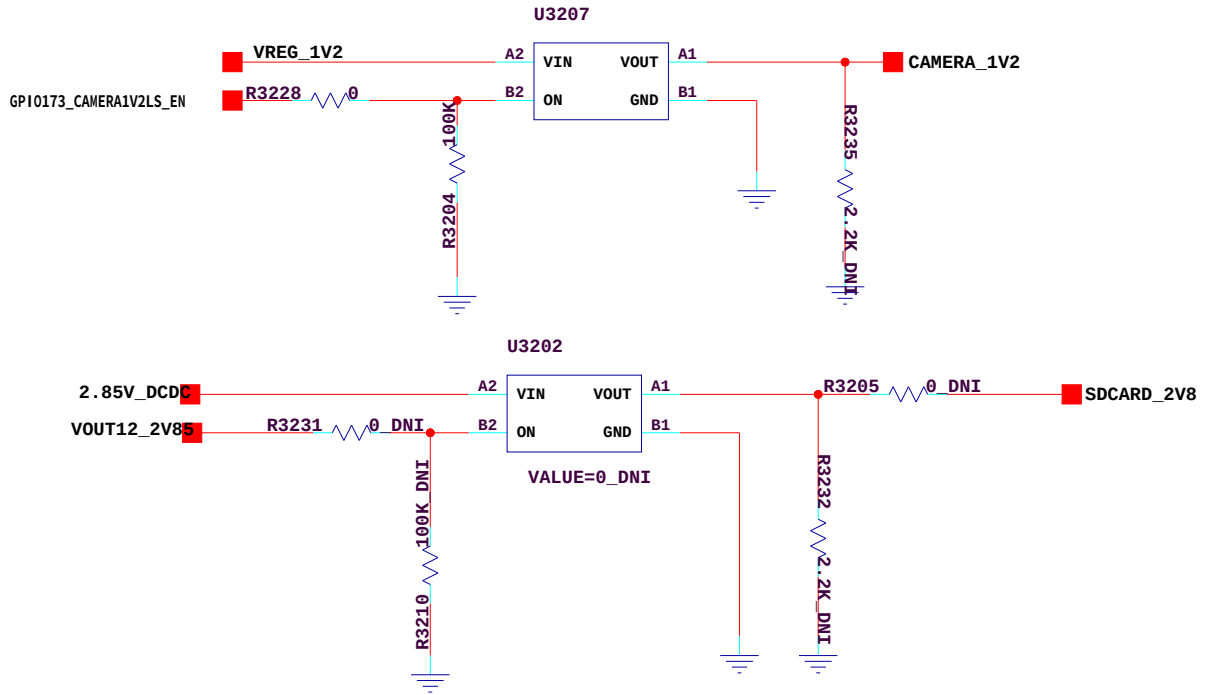
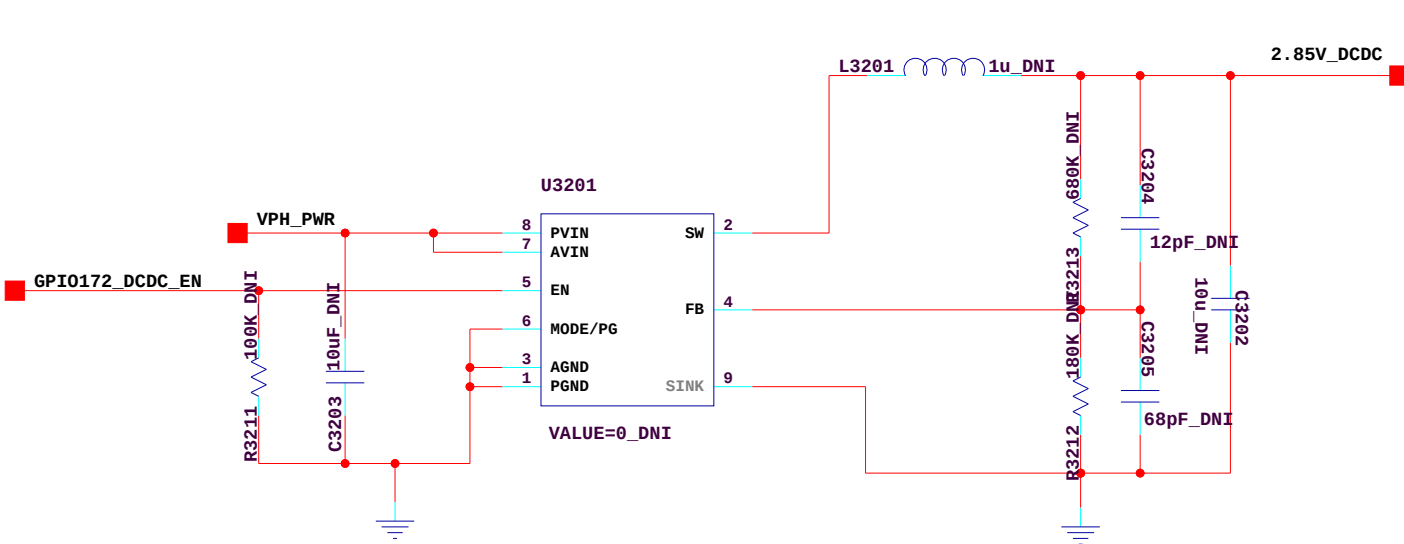
6

30 .SLIMPORT

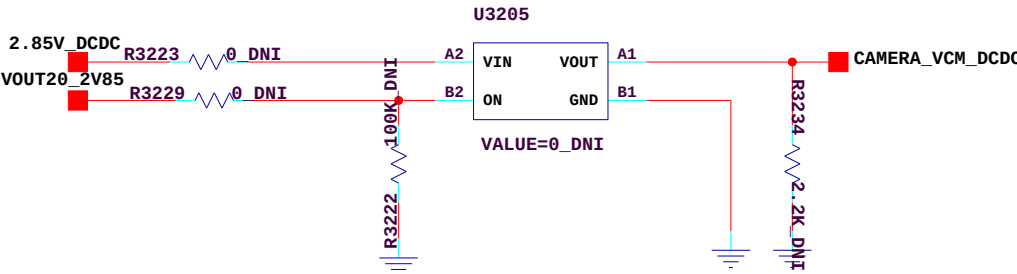
The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 30 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

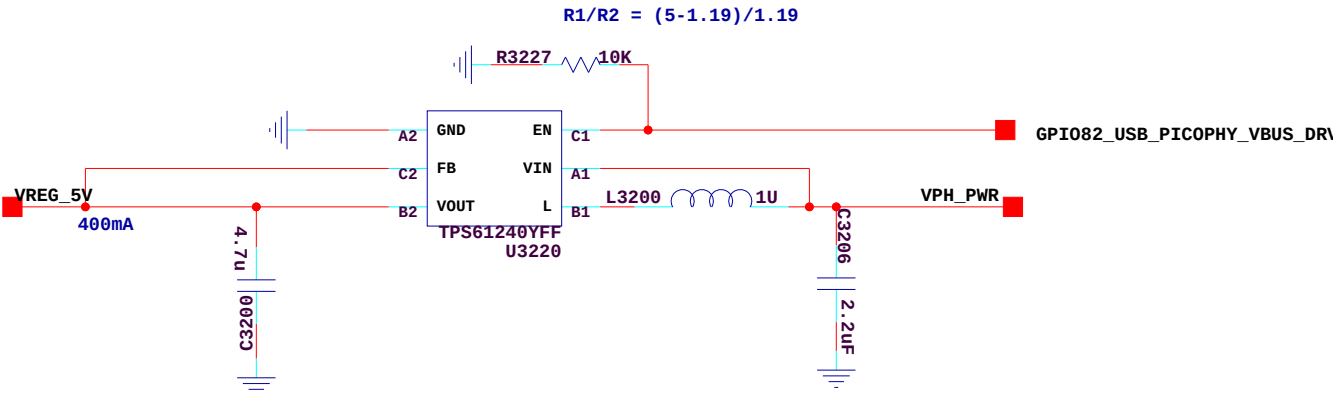
32.2.85V DCDC



Camera power



5V BOOST



The type and specification of the components refer to the BOM

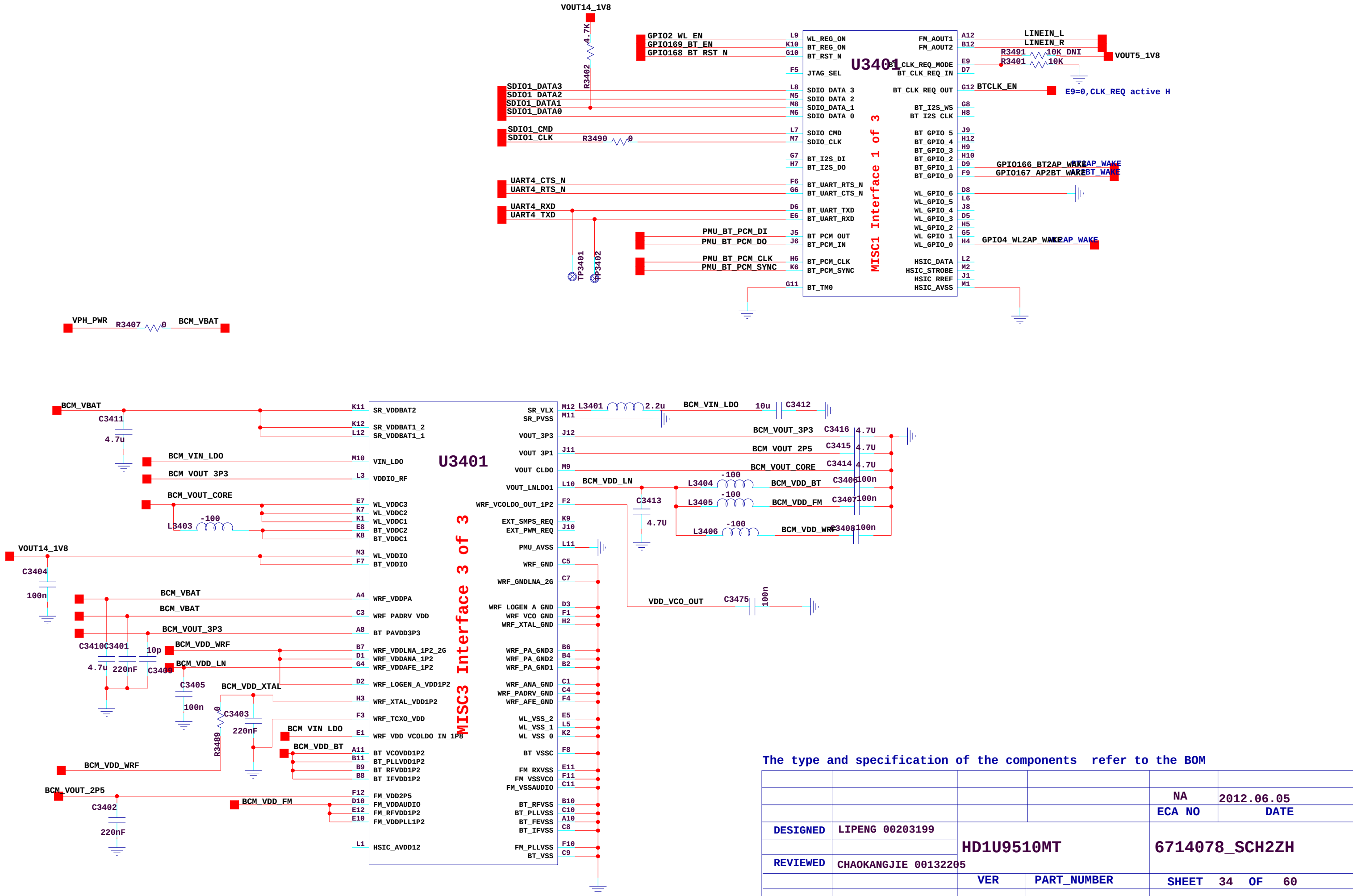
				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 32 OF 60	
		A	03021TXV	HUAWAI TECH CO.,LTD.	

33. LCD 5.4V DCDC option

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 33 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

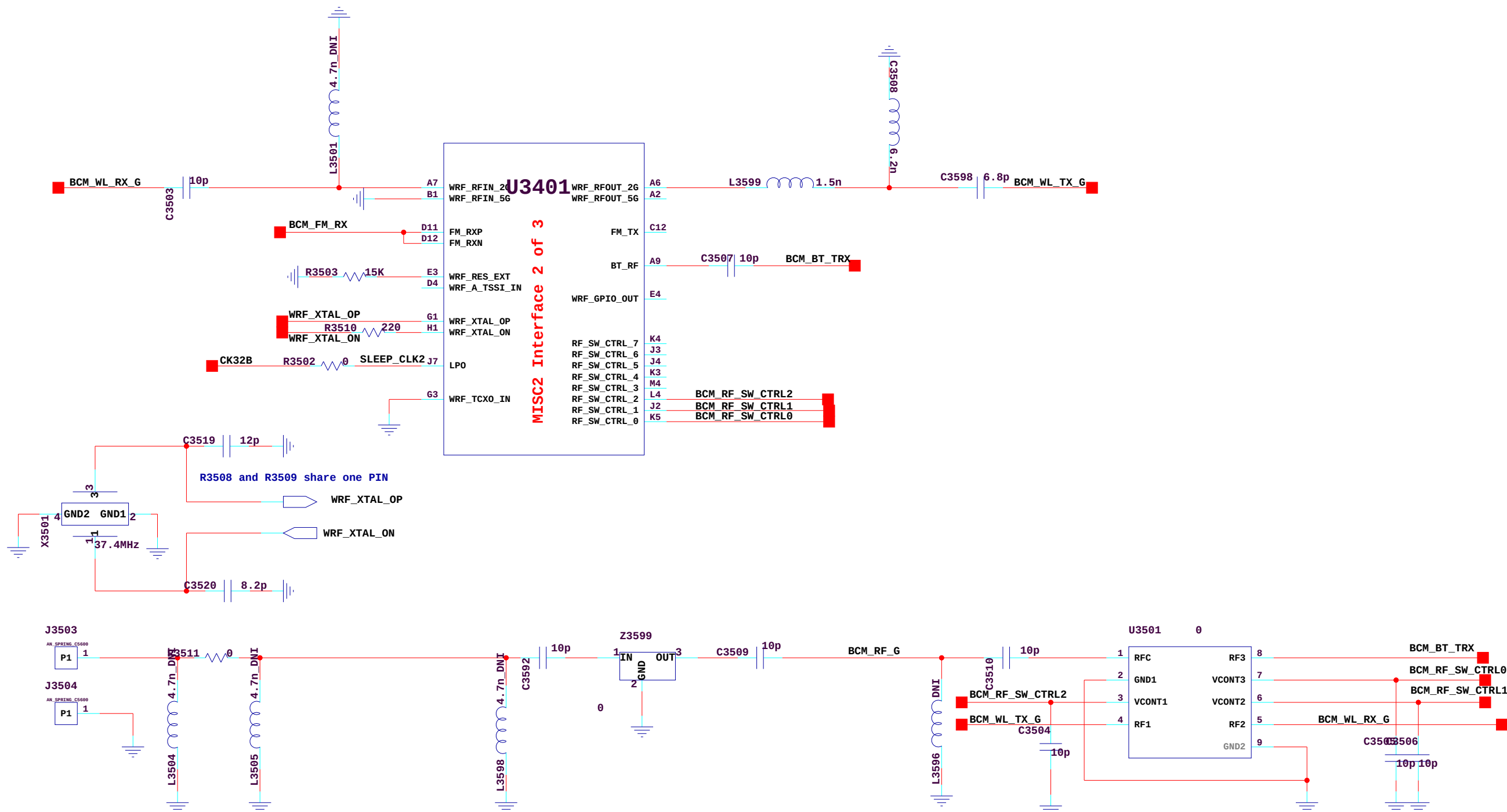
34. BCM4330 BB



The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 34 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

35. BCM4330 RF



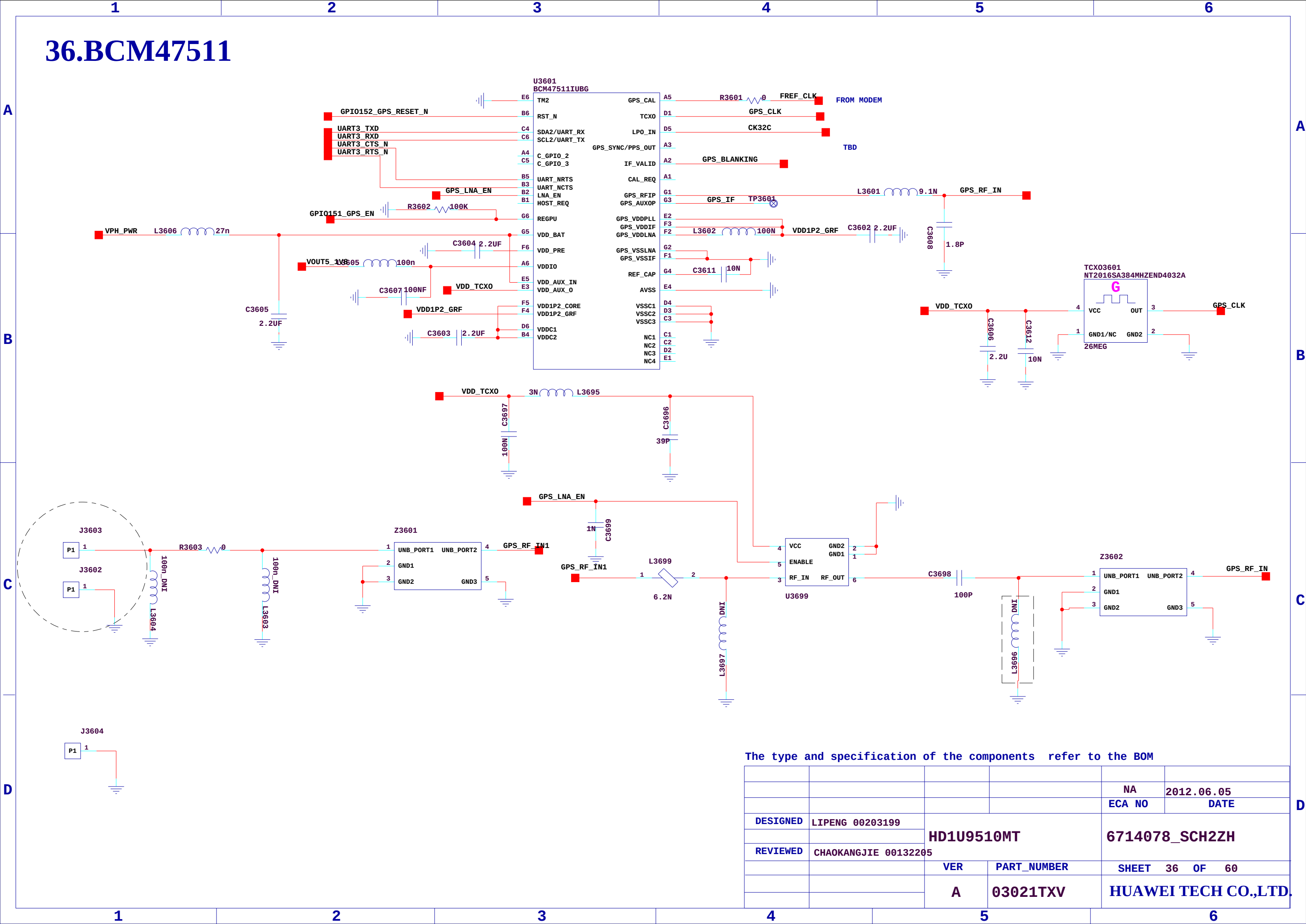
The type and specification of the components refer to the BOM

			NA	2012.06.05	6-14-2012_17:07
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAO KANGJIE 00132205				
		VER	PART_NUMBER		SHEET 35 OF 60
		A	03021TXV		HUAWEI TECH CO.,LTD.

36.BCM47511

The diagram illustrates the internal components and connections of the BCM47511 GPS module. Key components include:

- U3601 BCM47511IUBG**: The main GPS chip, showing pins for power (VDD_BAT, VDD_PRE, VDDIO, VDD_AUX_IN, VDD_AUX_0, VDD1P2_CORE, VDD1P2_GRF, VDDC1, VDDC2), ground (AVSS, VSSC1, VSSC2, VSSC3, NC1-NC4), and signals (GPS_CAL, TCXO, LPO_IN, GPS_SYNC/PPS_OUT, IF_VALID, CAL_REQ, GPS_RFIP, GPS_AUXOP, GPS_VDDPLL, GPS_VDDIF, GPS_VDDLNA, REF_CAP, GPS_VSSC1, GPS_VSSC2, GPS_VSSC3, NC1-NC4).
- Passive Components**: Resistors (R3601, R3602, R3603), capacitors (C3602, C3603, C3604, C3605, C3606, C3607, C3608, C3609, C3610, C3611, C3612, C3613, C3614, C3615, C3616, C3617, C3618, C3619, C3620, C3621, C3622, C3623, C3624, C3625, C3626, C3627, C3628, C3629, C3630, C3631, C3632, C3633, C3634, C3635, C3636, C3637, C3638, C3639, C3640, C3641, C3642, C3643, C3644, C3645, C3646, C3647, C3648, C3649, C3650, C3651, C3652, C3653, C3654, C3655, C3656, C3657, C3658, C3659, C3660, C3661, C3662, C3663, C3664, C3665, C3666, C3667, C3668, C3669, C3670, C3671, C3672, C3673, C3674, C3675, C3676, C3677, C3678, C3679, C3680, C3681, C3682, C3683, C3684, C3685, C3686, C3687, C3688, C3689, C3690, C3691, C3692, C3693, C3694, C3695, C3696, C3697, C3698, C3699, C3700, C3701, C3702, C3703, C3704, C3705, C3706, C3707, C3708, C3709, C3710, C3711, C3712, C3713, C3714, C3715, C3716, C3717, C3718, C3719, C3720, C3721, C3722, C3723, C3724, C3725, C3726, C3727, C3728, C3729, C3730, C3731, C3732, C3733, C3734, C3735, C3736, C3737, C3738, C3739, C3740, C3741, C3742, C3743, C3744, C3745, C3746, C3747, C3748, C3749, C3750, C3751, C3752, C3753, C3754, C3755, C3756, C3757, C3758, C3759, C3760, C3761, C3762, C3763, C3764, C3765, C3766, C3767, C3768, C3769, C3770, C3771, C3772, C3773, C3774, C3775, C3776, C3777, C3778, C3779, C3780, C3781, C3782, C3783, C3784, C3785, C3786, C3787, C3788, C3789, C3790, C3791, C3792, C3793, C3794, C3795, C3796, C3797, C3798, C3799, C3800, C3801, C3802, C3803, C3804, C3805, C3806, C3807, C3808, C3809, C3810, C3811, C3812, C3813, C3814, C3815, C3816, C3817, C3818, C3819, C3820, C3821, C3822, C3823, C3824, C3825, C3826, C3827, C3828, C3829, C3830, C3831, C3832, C3833, C3834, C3835, C3836, C3837, C3838, C3839, C3840, C3841, C3842, C3843, C3844, C3845, C3846, C3847, C3848, C3849, C3850, C3851, C3852, C3853, C3854, C3855, C3856, C3857, C3858, C3859, C3860, C3861, C3862, C3863, C3864, C3865, C3866, C3867, C3868, C3869, C3870, C3871, C3872, C3873, C3874, C3875, C3876, C3877, C3878, C3879, C3880, C3881, C3882, C3883, C3884, C3885, C3886, C3887, C3888, C3889, C3890, C3891, C3892, C3893, C3894, C3895, C3896, C3897, C3898, C3899, C3900, C3901, C3902, C3903, C3904, C3905, C3906, C3907, C3908, C3909, C3910, C3911, C3912, C3913, C3914, C3915, C3916, C3917, C3918, C3919, C3920, C3921, C3922, C3923, C3924, C3925, C3926, C3927, C3928, C3929, C3930, C3931, C3932, C3933, C3934, C3935, C3936, C3937, C3938, C3939, C3940, C3941, C3942, C3943, C3944, C3945, C3946, C3947, C3948, C3949, C3950, C3951, C3952, C3953, C3954, C3955, C3956, C3957, C3958, C3959, C3960, C3961, C3962, C3963, C3964, C3965, C3966, C3967, C3968, C3969, C3970, C3971, C3972, C3973, C3974, C3975, C3976, C3977, C3978, C3979, C3980, C3981, C3982, C3983, C3984, C3985, C3986, C3987, C3988, C3989, C3990, C3991, C3992, C3993, C3994, C3995, C3996, C3997, C3998, C3999, C4000, C4001, C4002, C4003, C4004, C4005, C4006, C4007, C4008, C4009, C4010, C4011, C4012, C4013, C4014, C4015, C4016, C4017, C4018, C4019, C4020, C4021, C4022, C4023, C4024, C4025, C4026, C4027, C4028, C4029, C4030, C4031, C4032, C4033, C4034, C4035, C4036, C4037, C4038, C4039, C4040, C4041, C4042, C4043, C4044, C4045, C4046, C4047, C4048, C4049, C4050, C4051, C4052, C4053, C4054, C4055, C4056, C4057, C4058, C4059, C4060, C4061, C4062, C4063, C4064, C4065, C4066, C4067, C4068, C4069, C4070, C4071, C4072, C4073, C4074, C4075, C4076, C4077, C4078, C4079, C4080, C4081, C4082, C4083, C4084, C4085, C4086, C4087, C4088, C4089, C4090, C4091, C4092, C4093, C4094, C4095, C4096, C4097, C4098, C4099, C4100, C4101, C4102, C4103, C4104, C4105, C4106, C4107, C4108, C4109, C4110, C4111, C4112, C4113, C4114, C4115, C4116, C4117, C4118, C4119, C4120, C4121, C4122, C4123, C4124, C4125, C4126, C4127, C4128, C4129, C4130, C4131, C4132, C4133, C4134, C4135, C4136, C4137, C4138, C4139, C4140, C4141, C4142, C4143, C4144, C4145, C4146, C4147, C4148, C4149, C4150, C4151, C4152, C4153, C4154, C4155, C4156, C4157, C4158, C4159, C4160, C4161, C4162, C4163, C4164, C4165, C4166, C4167, C4168, C4169, C4170, C4171, C4172, C4173, C4174, C4175, C4176, C4177, C4178, C4179, C4180, C4181, C4182, C4183, C4184, C4185, C4186, C4187, C4188, C4189, C4190, C4191, C4192, C4193, C4194, C4195, C4196, C4197, C4198, C4199, C4200



36.BCM47511

The diagram illustrates the internal circuitry of the BCM47511 GPS module. Key components include:

- U3601 BCM47511IUBG**: The main GPS chip, which handles signal processing and communication with the host.
- U3602**: A microcontroller or baseband processor that manages the GPS functionality.
- U3603**: A power management IC that regulates power to the GPS module.
- U3604**: A USB interface chip that connects the GPS module to a host system.
- Passive Components**: Various resistors (e.g., R3601, R3602, R3603), capacitors (e.g., C3601, C3602, C3603), and inductors (e.g., L3601, L3602, L3603) are used for signal conditioning and power regulation.
- Connectors**: J3602, J3603, and J3604 are used for external connections, including power, ground, and data signals.

The diagram also shows the connection of the GPS module to a host system via a USB interface (U3604). The host system provides power (VPH_PWR) and data (GPS_CLK, GPS_IF, GPS_SYNC/PPS_OUT) to the module.

The type and specification of the components refer to the BOM

DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205	A		03021TXV	
		VER	PART_NUMBER	SHEET 36 OF 60	
		A		HUAWEI TECH CO.,LTD.	

36.BCM47511

The diagram illustrates the internal circuitry of the BCM47511 GPS module. Key components include:

- U3601 BCM47511IUBG**: The main GPS chip, which handles signal processing and communication with the host.
- U3602**: A microcontroller or baseband processor that manages the GPS functionality.
- U3603**: A power management IC that regulates power to the GPS module.
- U3604**: A USB interface chip that connects the GPS module to a host system.
- Passive Components**: Various resistors (e.g., R3601, R3602, R3603), capacitors (e.g., C3601, C3602, C3603), and inductors (e.g., L3601, L3602, L3603) are used for signal conditioning and power regulation.
- Connectors**: J3602, J3603, and J3604 are used for external connections, including power, ground, and data signals.

The diagram also shows the connection of the GPS module to a host system via a USB interface (U3604). The host system provides power (VPH_PWR) and data (GPS_CLK, GPS_IF, GPS_SYNC/PPS_OUT) to the module.

The type and specification of the components refer to the BOM

DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 36 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

1	2	3	4	5	6
37					
A					A
B					B
C					C
D					D
The type and specification of the components refer to the BOM					
				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 37 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	
1	2	3	4	5	6

1	2	3	4	5	6
38					
A					A
B					B
C					C
D					D
The type and specification of the components refer to the BOM					
				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 38 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	
1	2	3	4	5	6

1	2	3	4	5	6
39					
A					A
B					B
C					C
D					D
The type and specification of the components refer to the BOM					
				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 39 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	
1	2	3	4	5	6

40 RF SUMMARY

The type and specification of the components refer to the BOM					
				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 40 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

41 RF BB INTERFACE

The type and specification of the components refer to the BOM					
				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 41 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

42. RF POWER(SKYWORKS Module)

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 42 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

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

43. RF Engine UE2(SkyworksPA Module)

44.RF POWER SUPPLY(SkyworksPA Module)					
1	2	3	4	5	6
A					A
B					B
C					C
D					D
1	2	3	4	5	6

45. Diversity(SkyworksPA Module)

The type and specification of the components refer to the BOM

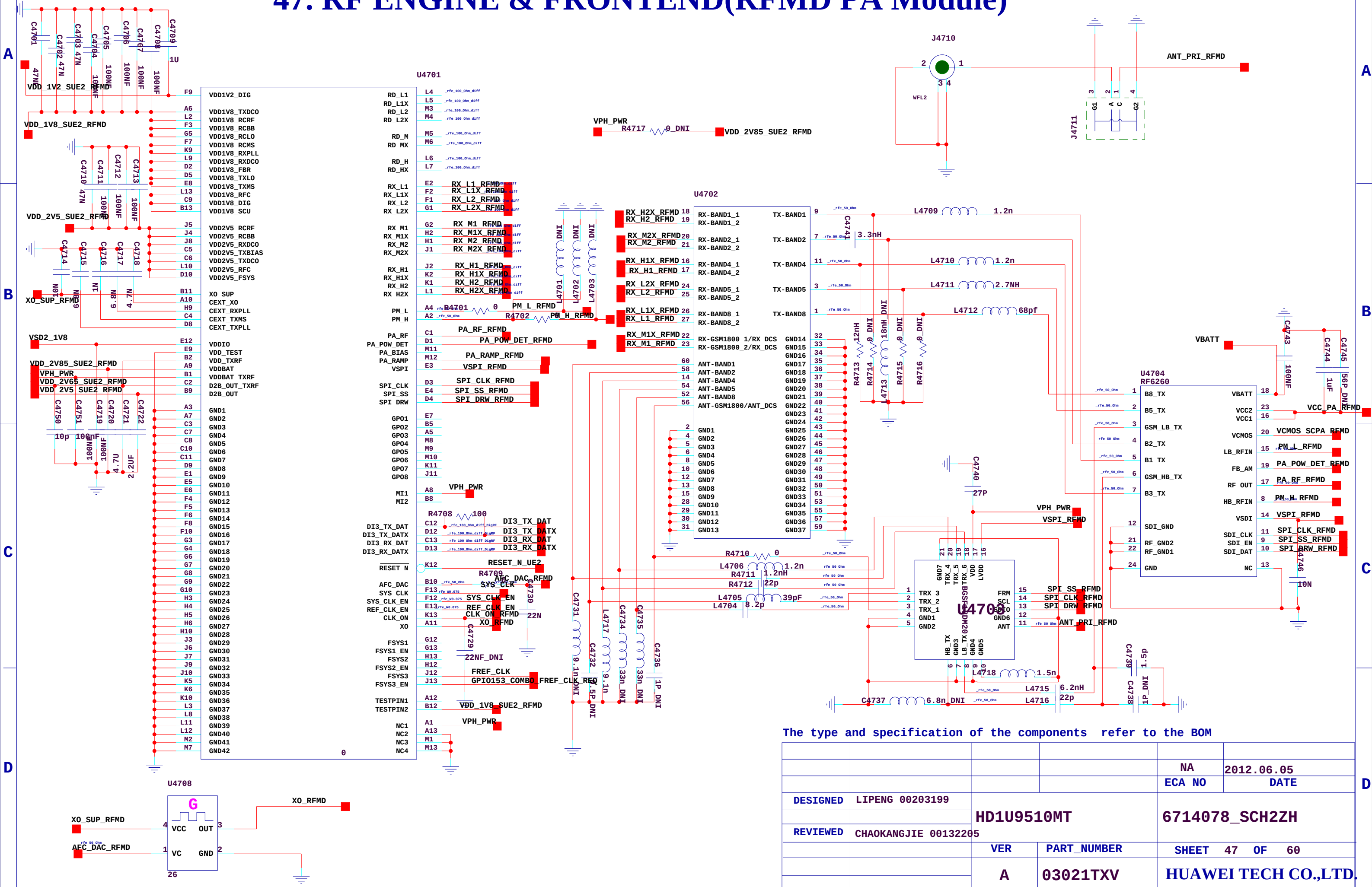
				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET	450F 60
		A	03021TXV	HUAWEI TECH CO.,LTD.	

46. RF POWER(RFMD Module)

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 46 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

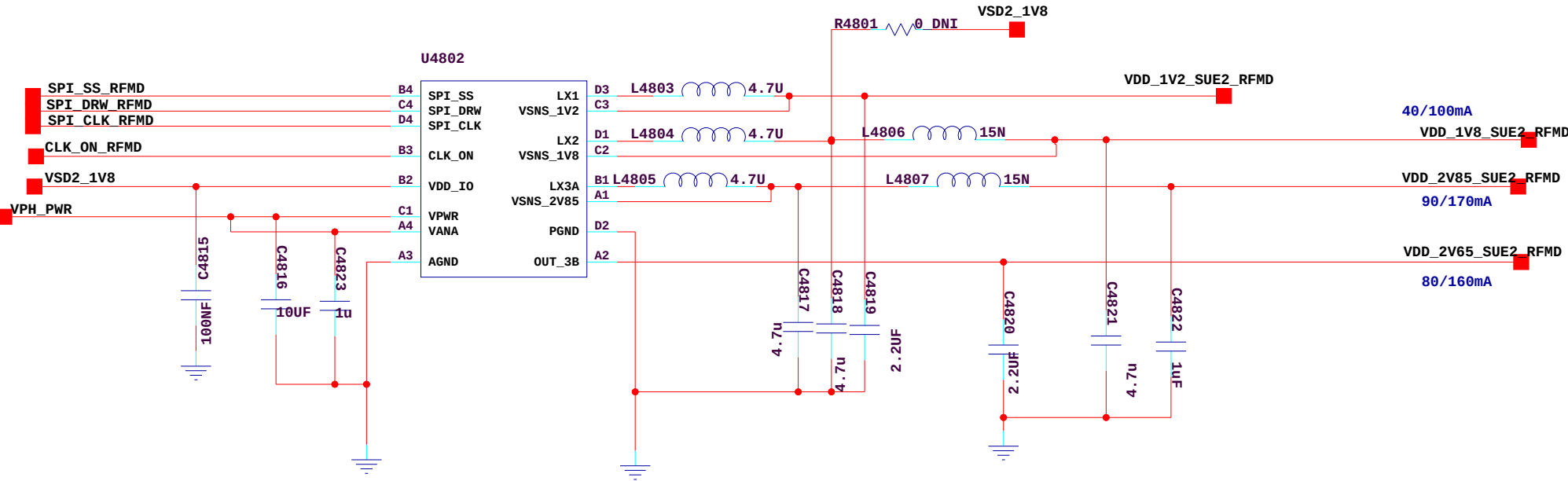
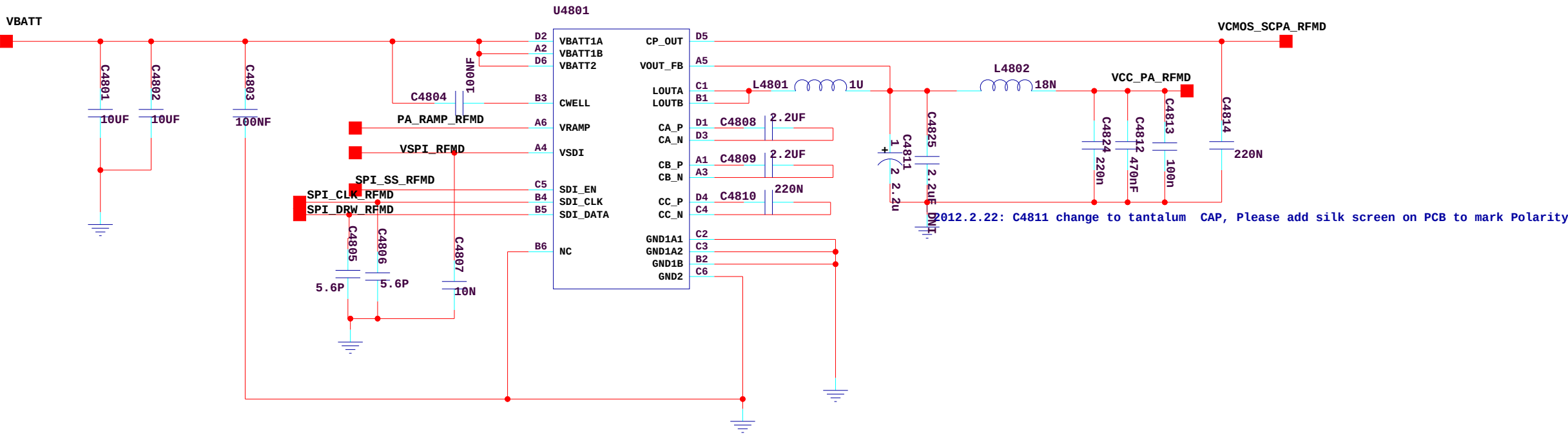
47. RF ENGINE & FRONTEND(RFMD PA Module)



The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 47 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

48.RF POWER SUPPLY(RFMD PA Module)



The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 48 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

49. Diversity(RFMD PA Module)

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 49 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

50. GSM TX

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 50 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

51. TRANSCEIVER 1

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 51 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

52. TRANSCEIVER 2

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 52 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

1	2	3	4	5	6
53. DIVERSITY ANTENNA					
A					A
B					B
C					C
D					D
The type and specification of the components refer to the BOM					
				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 53 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	
1	2	3	4	5	6

54. DIVERSITY LNA

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 54 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	

	1	2	3	4	5	6
A	55. GPS & BT/WLAN FRONTEND					
B						
C						
D				The type and specification of the components refer to the BOM		
					NA	2012.06.05
					ECA NO	DATE
	DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
	REVIEWED	CHAOKANGJIE 00132205				
			VER	PART_NUMBER	SHEET 55 OF 60	
			A	03021TXV	HUAWEI TECH CO.,LTD.	
	1	2	3	4	5	6

56. GPS & BT/WLAN COMBO MODULE

The type and specification of the components refer to the BOM

				NA	2012.06.05
				ECA NO	DATE
DESIGNED	LIPENG 00203199	HD1U9510MT		6714078_SCH2ZH	
REVIEWED	CHAOKANGJIE 00132205				
		VER	PART_NUMBER	SHEET 56 OF 60	
		A	03021TXV	HUAWEI TECH CO.,LTD.	