

CCI I2C	PART NUMBER	VENDOR	ADDRESS
5M Camera	DV5648	APTINA	0X5C/0X6D
VCM driver	Dw9714A		0X18/0X19
SENSORS_I2C			
IW	S3282	Synaptics	0X48/0X41
2M Camera	P2N81D	sony	0X6C/0X6D
g-SENSOR	LIS3DHTR	ST	0X32/0X33
	MMA8452QR1	FREESCALE	0X3A/0X3B
	KXCJK-1013	Kionix	0X2E/0X2F
ALS+PS	TMD2713T	TAOS	0X72/0X73
	LTR-558ALS	Liteon	0X46/0X47

Backup for debug

Configuration GPIO Table	
GPIO_49/GRFC6	WDG_DISABLE
GPIO_50/GRFC7	BOOT_CONFIG_1
GPIO_51/GRFC8	BOOT_CONFIG_2
GPIO_52/GRFC9	BOOT_CONFIG_3
GPIO_53/GRFC10	BOOT_CONFIG_4
GPIO_55/GRFC12	BOOT_CONFIG_5
GPIO_56/GRFC13	BOOT_CONFIG_6
GPIO_57/GRFC14	BOOT_CONFIG_7
GPIO_58/GRFC15	BOOT_CONFIG_8
GPIO_61/GRFC18	BOOT_CONFIG_9
GPIO_62/GRFC19	BOOT_CONFIG_10
GPIO_90	BOOT_CONFIG_11
GPIO_92	BOOT_CONFIG_12
GPIO_98	BOOT_CONFIG_13
GPIO_99	BOOT_CONFIG_14
GPIO_85	BOOT_CONFIG_15
GPIO_100	FORCE_USB_BOOT

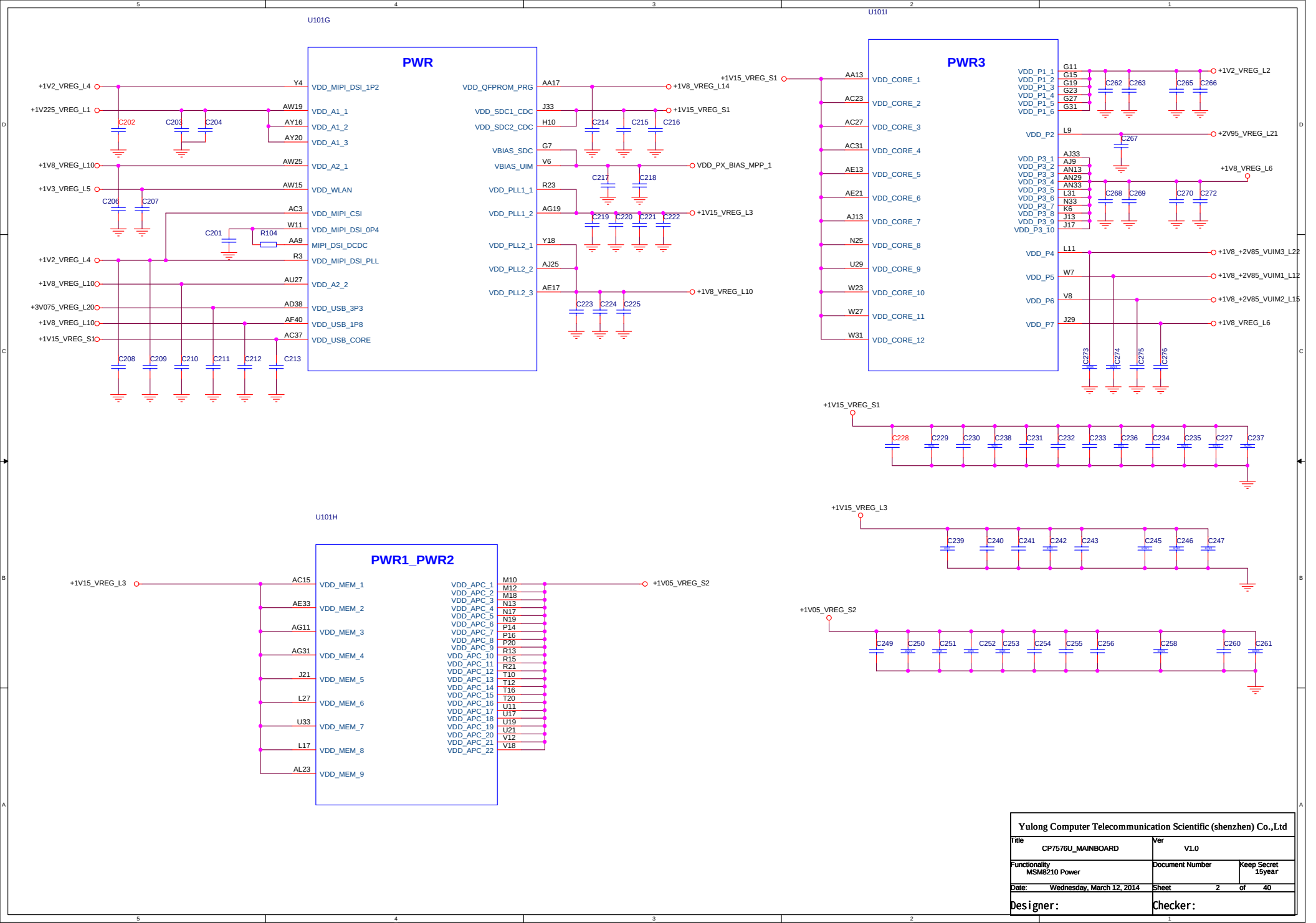
MSM8X10/8X12 WAKEUP GPIO											
GPIO_1	GPIO_5	GPIO_9	GPIO_14	GPIO_15	GPIO_32	GPIO_33	GPIO_34				
GPIO_35	GPIO_41	GPIO_42	GPIO_72	GPIO_73	GPIO_74	GPIO_75	GPIO_76				
GPIO_77	GPIO_78	GPIO_79	GPIO_80	GPIO_81	GPIO_82	GPIO_83	GPIO_84				
GPIO_85	GPIO_87	GPIO_90	GPIO_91	GPIO_92	GPIO_93	GPIO_94	GPIO_95				
GPIO_96	GPIO_97	GPIO_98	GPIO_99	GPIO_100	GPIO_101						

8X10/8X12 GRFC	
GPIO43-63,GPIO67	

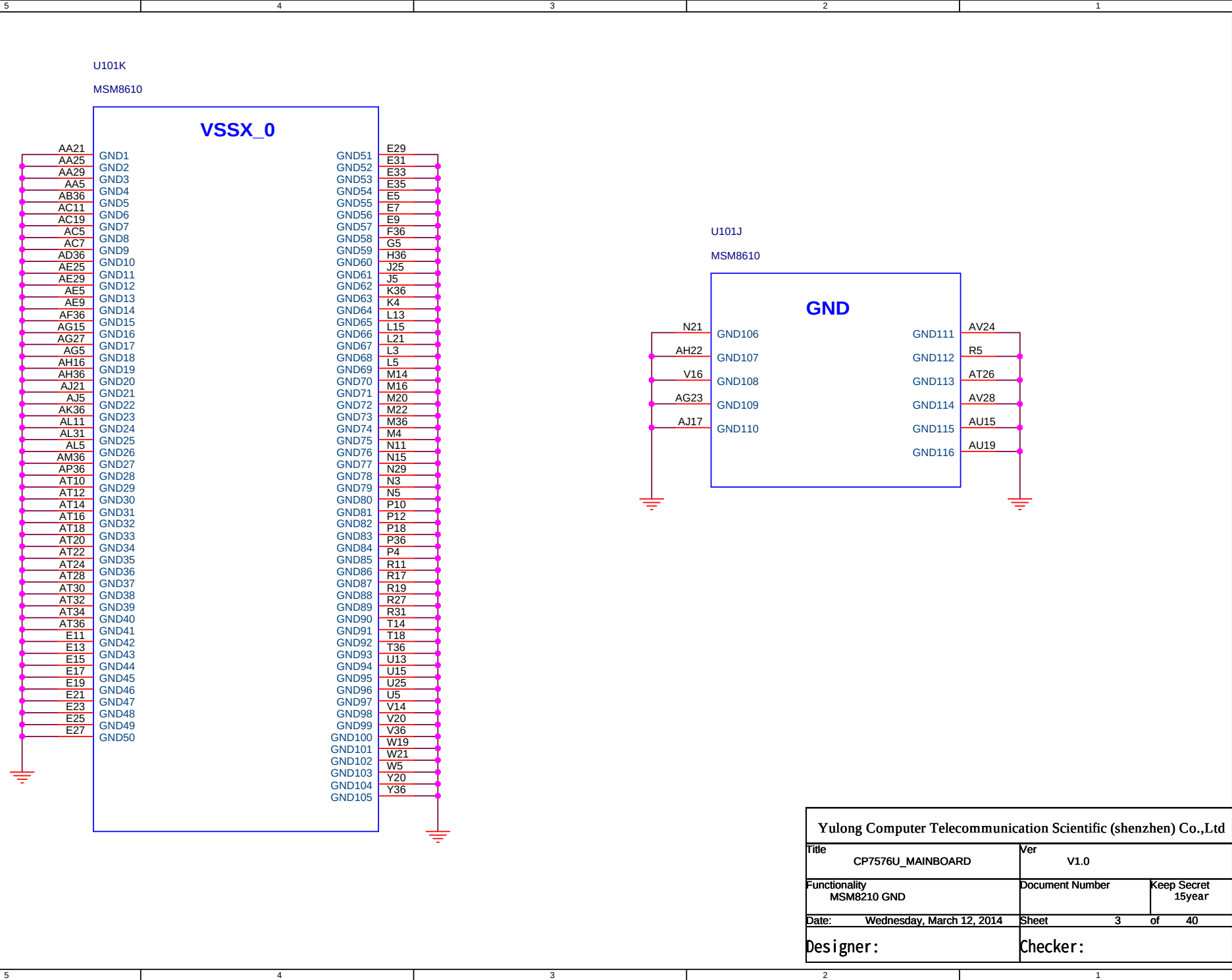
BOOT_OPTION_TYPE	FAST BOOT GPIO53:GPIO50	DESCRIPTION
BOOT_DEFAULT_OPTION	0b0000	eMMC@SDC1 -> SD@SDC2 -> HSUSB2.0
BOOT_SDC_PORT2_THEN _SDC_PORT1_OPTION	0b0001	SD@SDC2 -> eMMC@SDC1
BOOT_SDC_PORT1_OPTION	0b0010	eMMC@SDC1
BOOT_USB_OPTION	0b0011	HSUSB2.0

BGA BALL	8X10 PIN ASSIGNMENT	8X12 PIN ASSIGNMENT
AW31	GPIO56	GPIO56(GRFC13)
AV32	GPIO57	GPIO57(GRFC14)
AY32	GPIO58	GPIO58(GRFC15)
AU29	GPIO59	GPIO59(GRFC16)
AV30	GPIO60	GPIO60(GRFC17)
AY30	GPIO61	GPIO61(GRFC18)
AU31	GPIO62	GPIO62(GRFC19)
AW33	GPIO66	SSBI_WTR1_RX
AU33	GPIO67	SSBI_WTR1_TX(GRFC21)
AY34	GPIO70	GSM_TX_PHASE_D1_0
AV34	GPIO71	GSM_TX_PHASE_D1_1
AW29	GND	TX_DAC1_QP
AY28	GND	TX_DAC1_QM
AL27	VREG_L10_1P8(OR NC FOR REV2 SILICON)	TX_DAC1_IREF
AU23	GND	BBRX_CH1_QM
AV22	GND	BBRX_CH1_QP
AY24	GND	BBRX_CH1_IP
AW23	GND	BBRX_CH1_IP

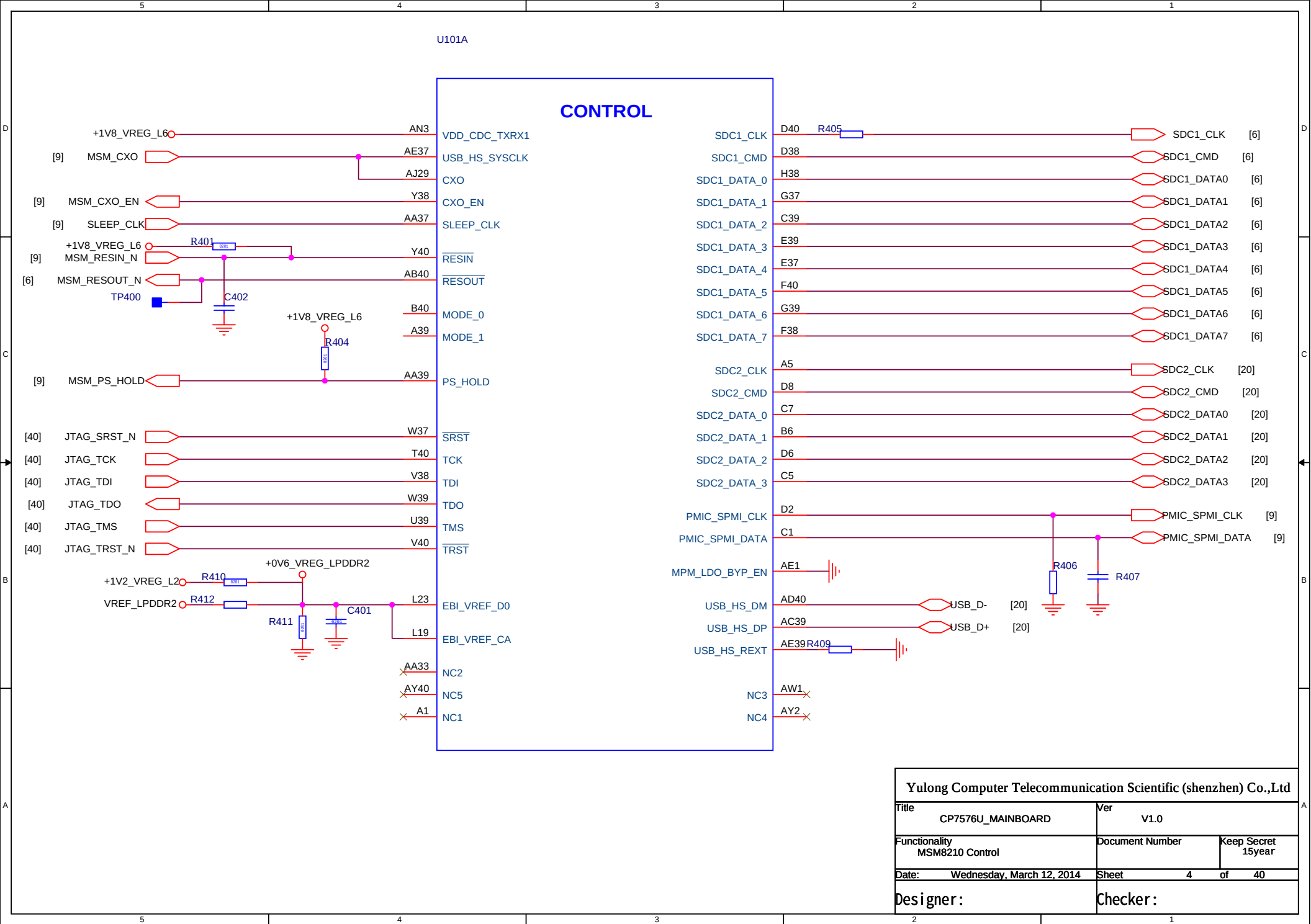
Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd		
Title	CP7576U_MAINBOARD	Ver V1.0
Functionality GPIOs	Document Number	Keep Secret 15year
Date: Wednesday, March 12, 2014	Sheet 1	of 40
Designer:	Checker:	



Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd		
Title	CP7576U_MAINBOARD	Ver V1.0
Functionality	MSM8210 Power	Document Number
Date:	Wednesday, March 12, 2014	Sheet 2 of 40
Designer:	Checker:	



Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd		
Title	CP7576U_MAINBOARD	
Ver	V1.0	
Functionality	Document Number	Keep Secret
MSM8210 GND		15year
Date:	Wednesday, March 12, 2014	Sheet 3 of 40
Designer:	Checker:	



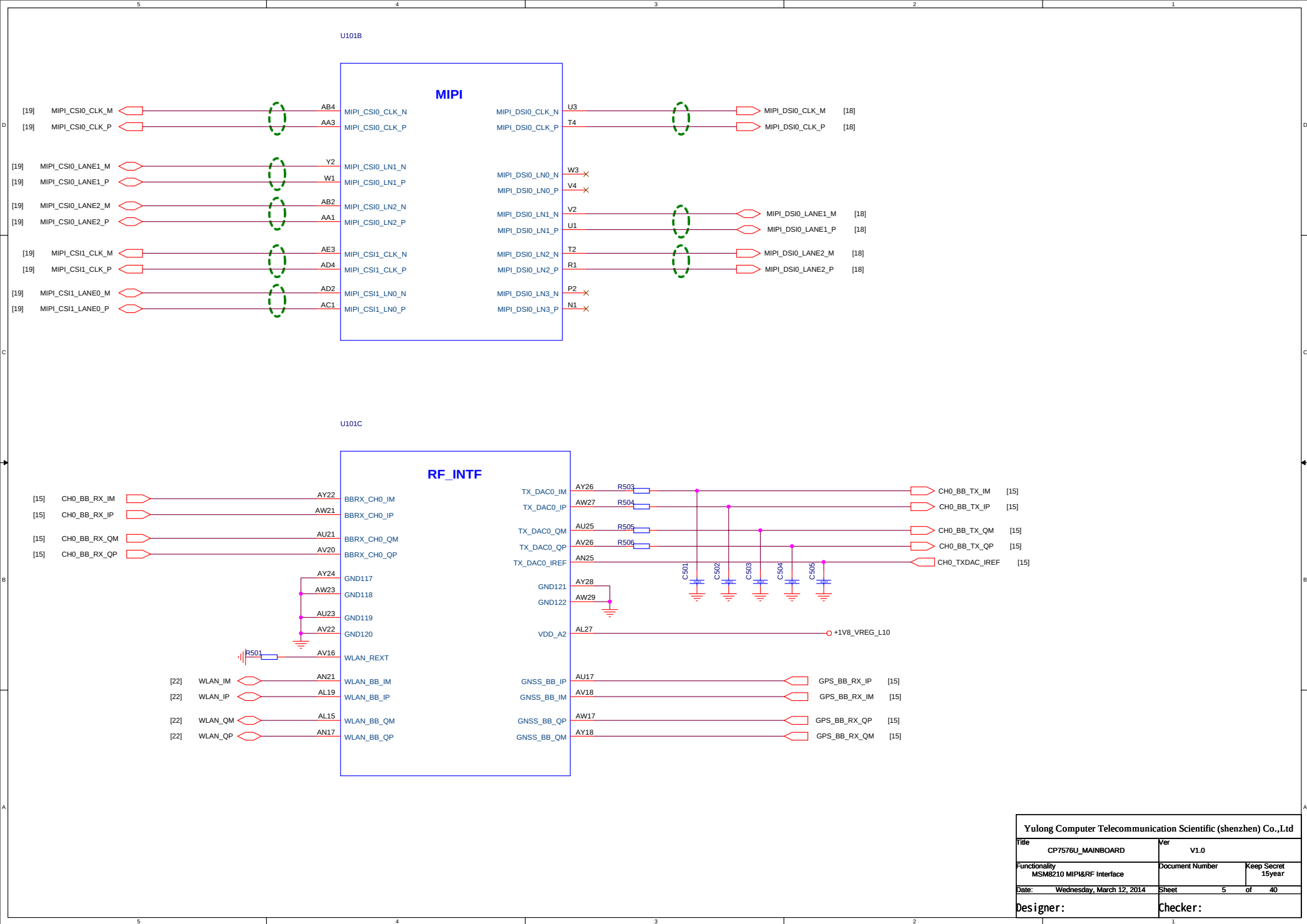
Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd

Title	CP7576U_MAINBOARD	Ver	V1.0
-------	-------------------	-----	------

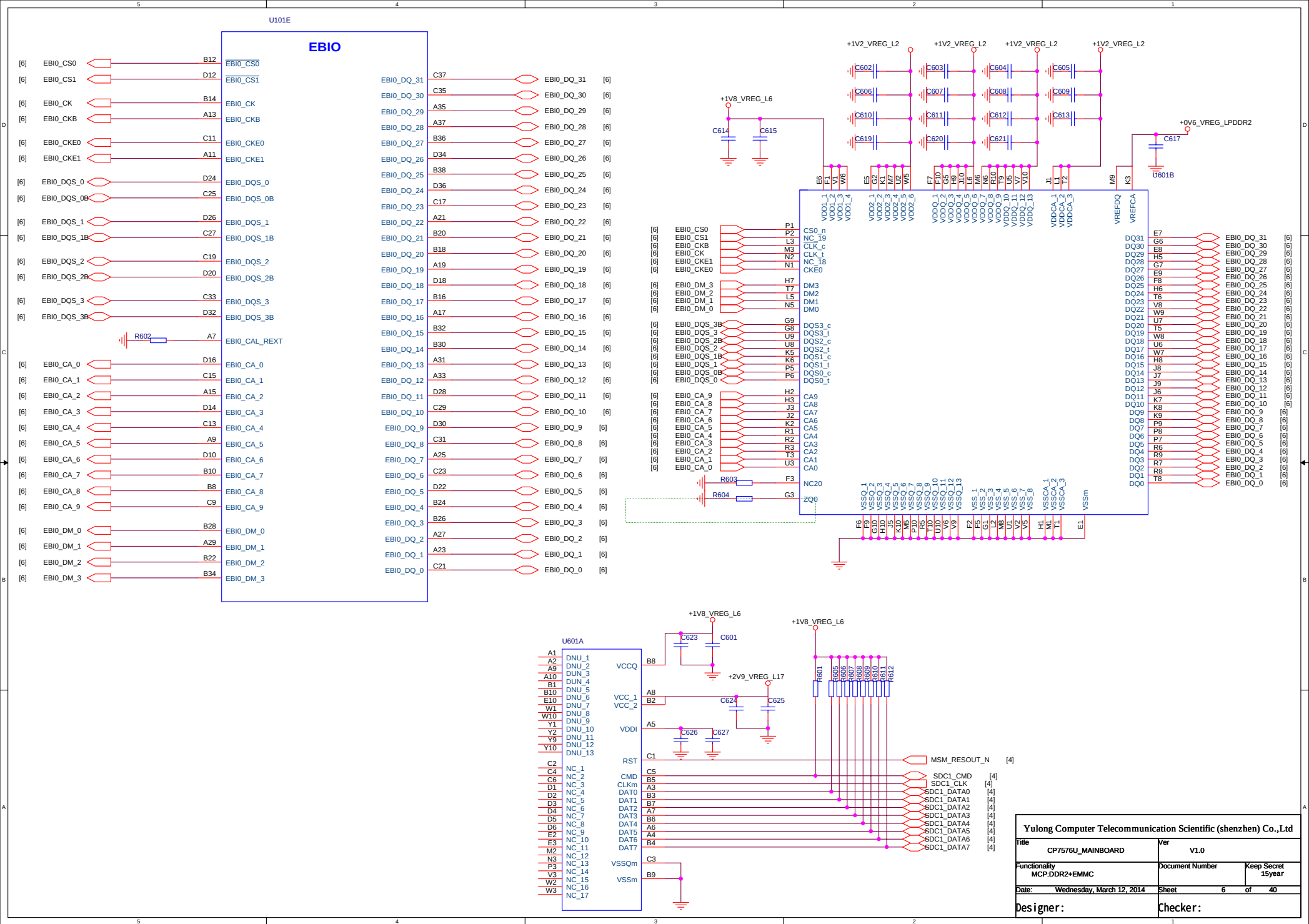
Functionality	MSM8210 Control	Document Number	Keep Secret 15year
---------------	-----------------	-----------------	--------------------

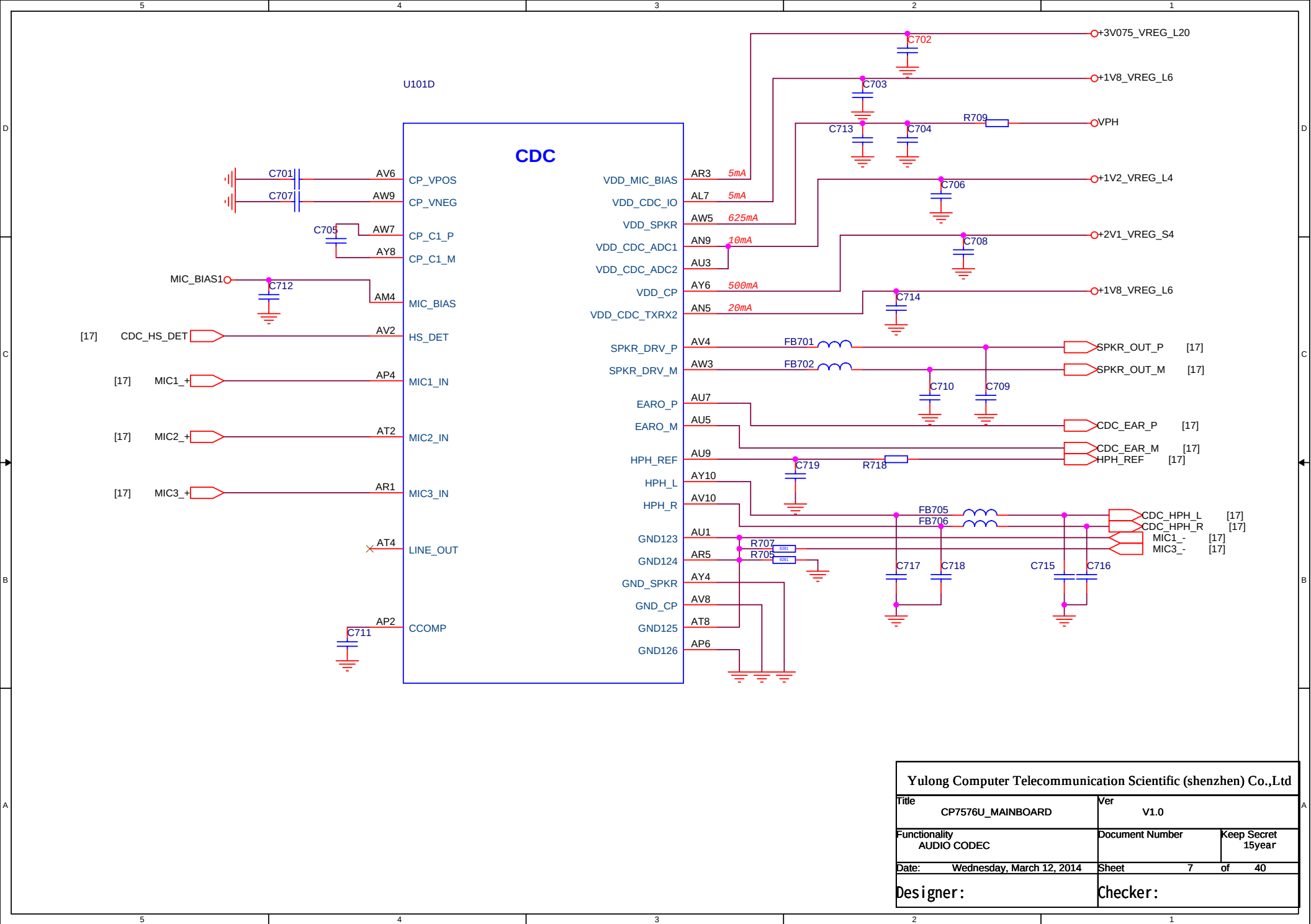
Date:	Wednesday, March 12, 2014	Sheet	4 of 40
-------	---------------------------	-------	---------

Designer:	Checker:
-----------	----------



Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd			
Title	CP7576U_MAINBOARD	Ver	V1.0
Functionality	MSM8210 MIPI&RF Interface	Document Number	Keep Secret 15year
Date:	Wednesday, March 12, 2014	Sheet	5 of 40
Designer:	Checker:		





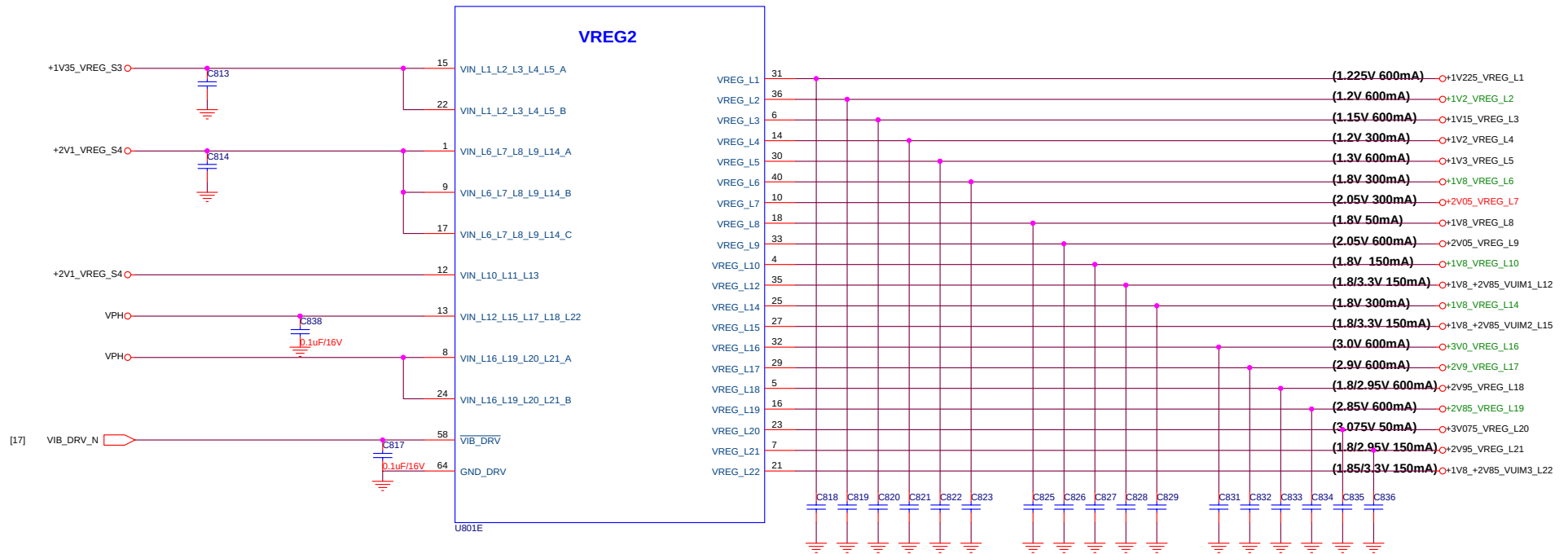
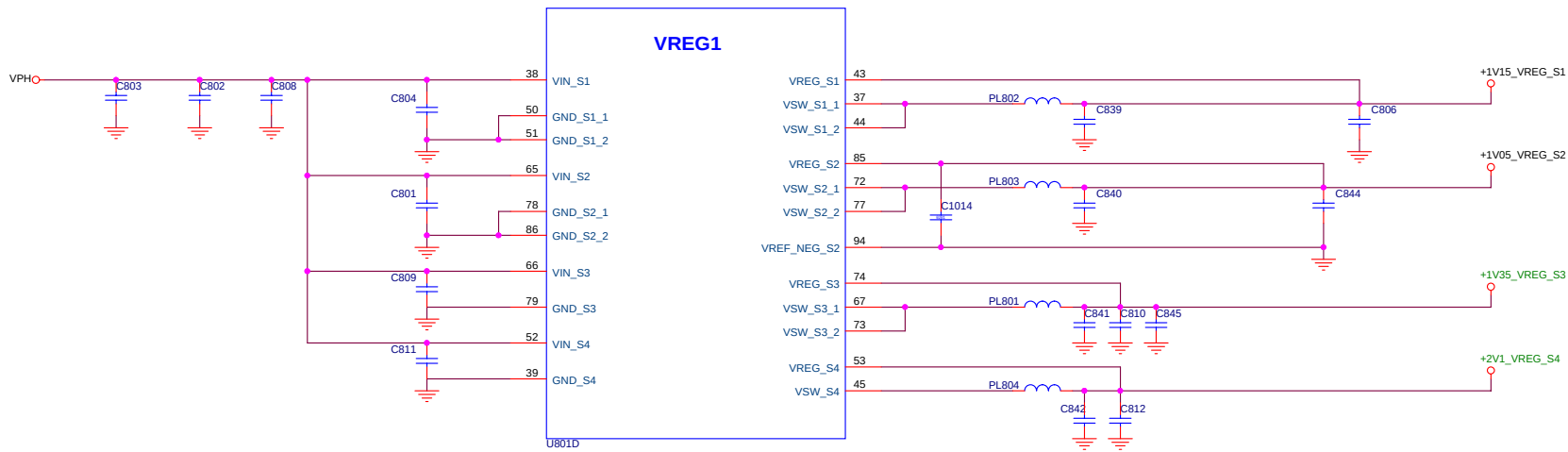
Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd

Title	CP7576U_MAINBOARD	Ver	V1.0
-------	-------------------	-----	------

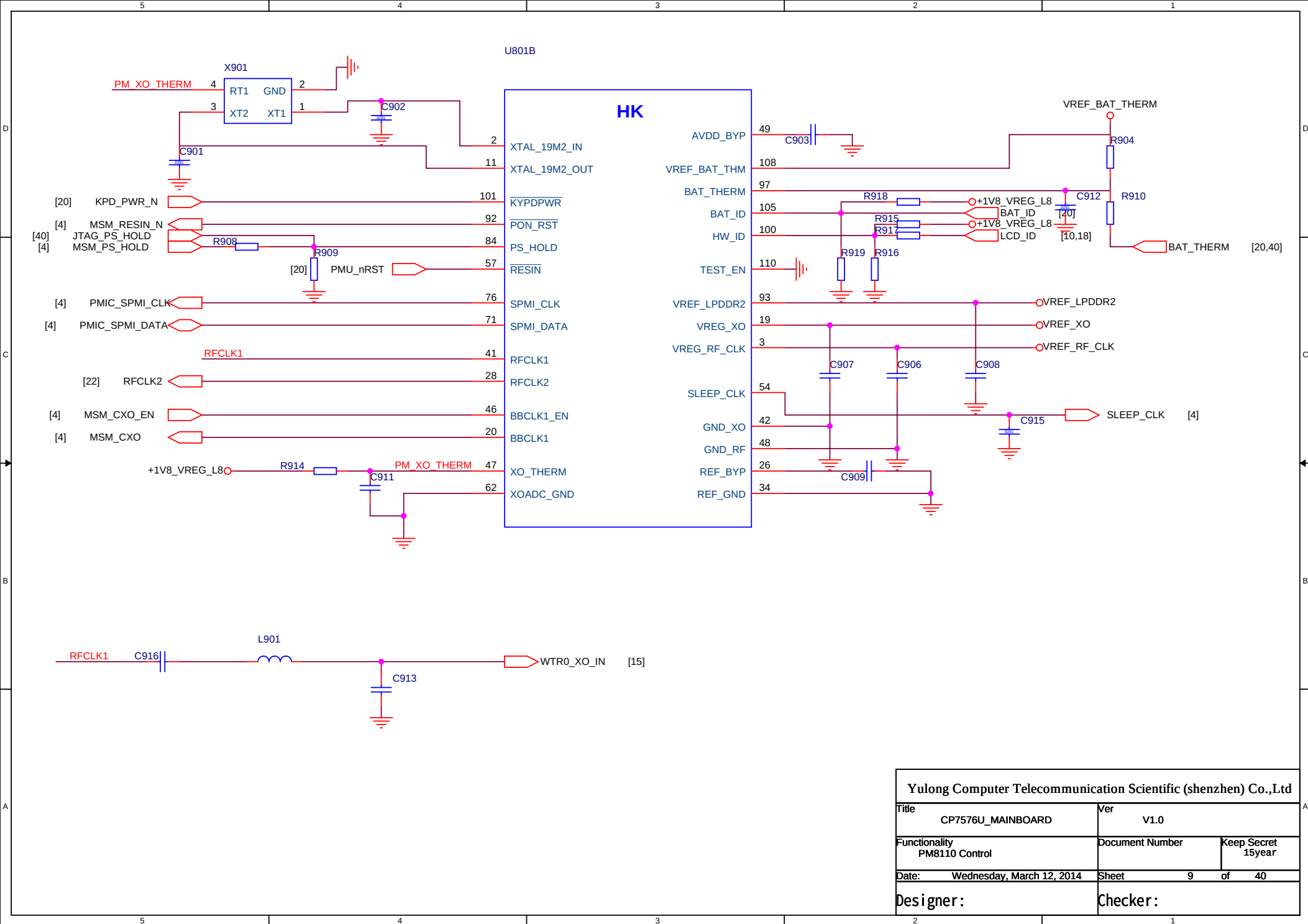
Functionality	Document Number	Keep Secret
AUDIO CODEC		15year

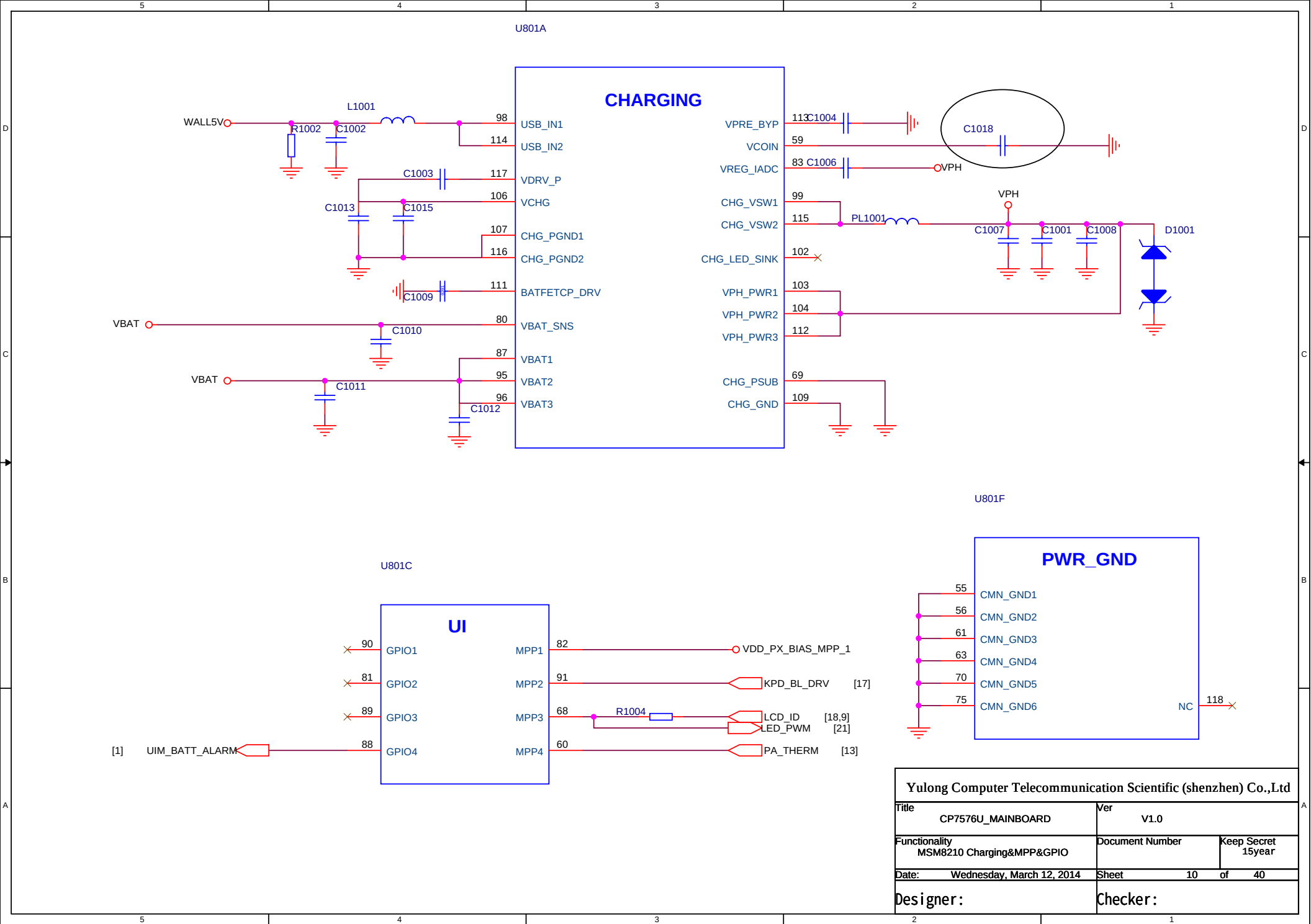
Date:	Wednesday, March 12, 2014	Sheet	7	of	40
-------	---------------------------	-------	---	----	----

Designer:	Checker:
-----------	----------



Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd			
Title	CP7576U_MAINBOARD	Ver	V1.0
Functionality	PM8110 LDO&DCDC	Document Number	Keep Secret 15year
Date:	Wednesday, March 12, 2014	Sheet	8 of 40
Designer:	Checker:		





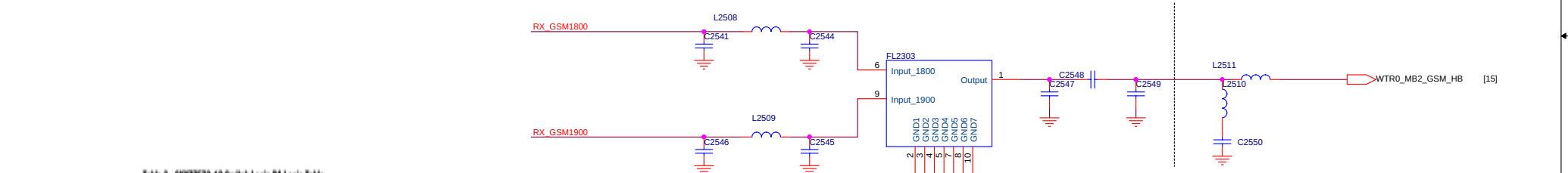
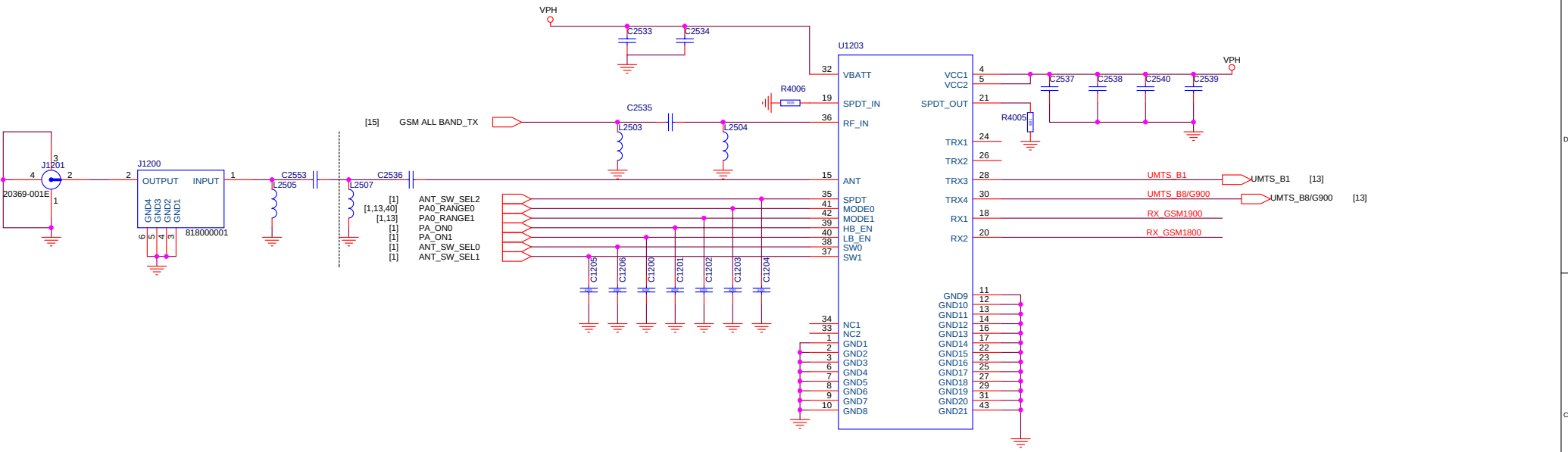
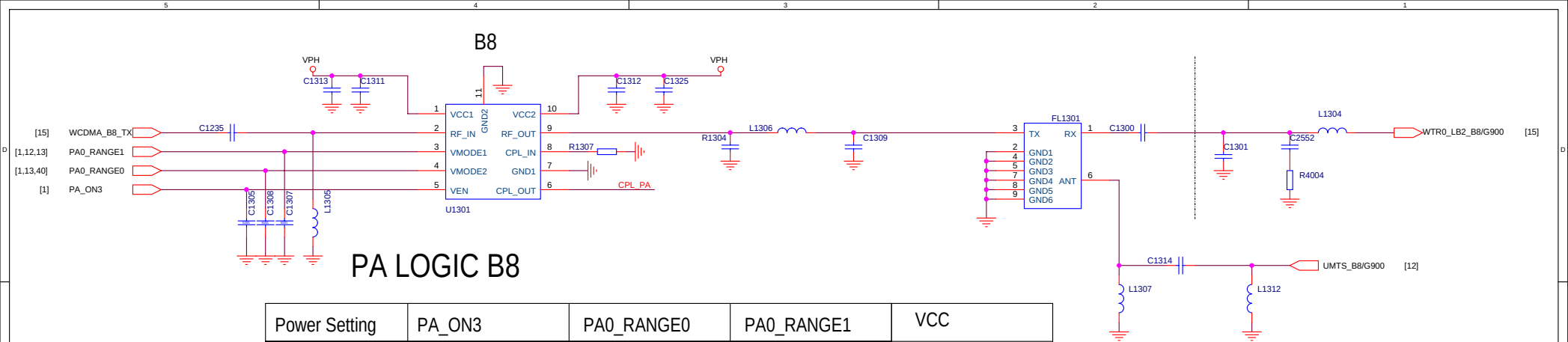


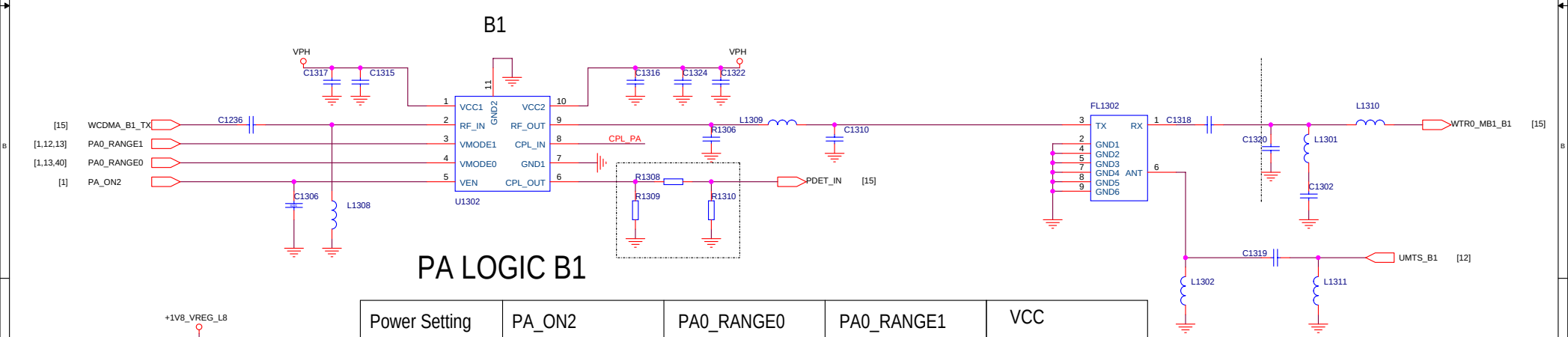
Table 3. SKY77573-12 Switch Logic PA Logic Table

SKY77573	SPDT	SW1	SW0	HB_EN	LB_EN	Model0	Model1	SKY77573	SPDT	SW1	SW0	HB_EN	LB_EN	Model0	Model1
Standby	0	0	0	0	0	X	X	HB_SPOT_10_LPM	0	1	0	0	1	1	0
Isolation	0	0	0	0	1	X	X	HB_SPOT_10_ILPM	0	1	0	0	1	1	1
LB_SPOT_ON_NPM	0	0	1	0	0	0	0	HB_SPOT_0_NPM	0	1	0	1	0	0	0
LB_SPOT_ON_NPM	0	0	1	0	0	0	1	HB_SPOT_0_NPM	0	1	0	1	0	0	1
LB_SPOT_ON_LPM	0	0	1	0	0	1	0	HB_SPOT_0_LPM	0	1	0	1	0	1	0
LB_SPOT_ON_LPM	0	0	1	0	0	1	1	HB_SPOT_0_LPM	0	1	0	1	0	1	1
LB_SPOT_10_NPM	0	0	1	0	1	0	0	TRX1_SPOT_ON	1	0	0	0	0	X	X
LB_SPOT_10_NPM	0	0	1	0	1	0	1	TRX1_SPOT_0	1	0	0	0	1	X	X
LB_SPOT_10_LPM	0	0	1	0	1	1	0	TRX2_SPOT_ON	1	0	0	1	0	X	X
LB_SPOT_10_LPM	0	0	1	0	1	1	1	TRX2_SPOT_0	1	0	0	1	1	X	X
LB_SPOT_0_NPM	0	0	1	1	0	0	0	TRX3_SPOT_ON	1	0	1	0	0	X	X
LB_SPOT_0_NPM	0	0	1	1	0	0	1	TRX3_SPOT_0	1	0	1	0	1	X	X
LB_SPOT_0_LPM	0	0	1	1	0	1	0	TRX4_SPOT_ON	1	0	1	1	0	X	X
LB_SPOT_0_LPM	0	0	1	1	0	1	1	TRX4_SPOT_0	1	0	1	1	1	X	X
HB_SPOT_ON_NPM	0	1	0	0	0	0	0	TRX1_ANT	1	1	0	1	0	X	X
HB_SPOT_ON_NPM	0	1	0	0	0	0	1	TRX2_ANT	1	1	0	1	1	X	X
HB_SPOT_ON_LPM	0	1	0	0	0	1	0	TRX3_ANT	1	1	1	0	0	X	X
HB_SPOT_ON_LPM	0	1	0	0	0	1	1	TRX4_ANT	1	1	1	0	1	X	X
HB_SPOT_10_NPM	0	1	0	0	1	0	0	RX1	1	1	1	1	0	X	X
HB_SPOT_10_NPM	0	1	0	0	1	0	1	RX2	1	1	1	1	1	X	X

Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd			
Title	CP7576U_MAINBOARD	Ver	V1.0
Functionality	GSM_TRX_FRONT	Document Number	Keep Secret 15year
Date:	Wednesday, March 12, 2014	Sheet	12 of 40
Designer:	Checker:		



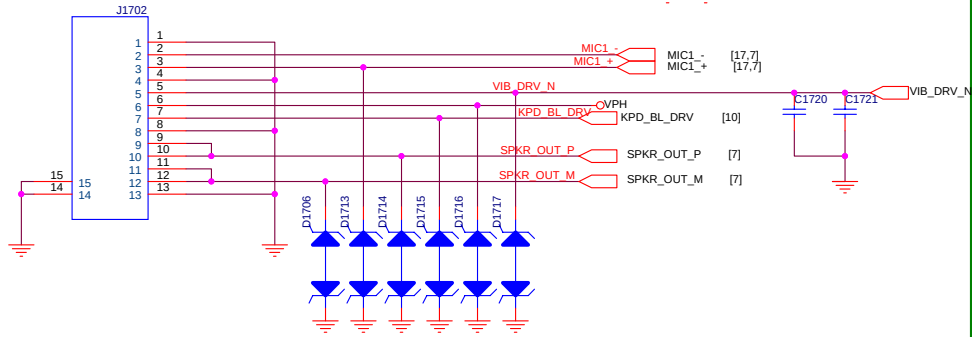
Power Setting	PA_ON3	PA0_RANGE0	PA0_RANGE1	VCC
POWER DOWN	L	L	L	ON
Standby Mode	L	—	—	ON
High Power	H	L	—	ON
Medium Power	H	H	L	ON
Low Power	H	H	H	ON



Power Setting	PA_ON2	PA0_RANGE0	PA0_RANGE1	VCC
POWER DOWN	L	L	L	ON
Standby Mode	L	—	—	ON
High Power	H	L	—	ON
Medium Power	H	H	L	ON
Low Power	H	H	H	ON

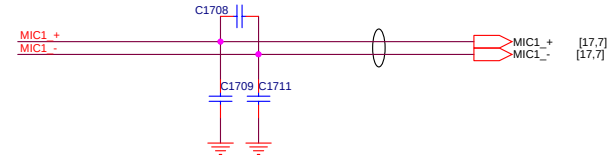
Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd		
Title	CP7576U_MAINBOARD	Ver V1.0
Functionality	WCDMA_TRX	Document Number
Date: Wednesday, March 12, 2014	Sheet 13	Keep Secret 15year of 40
Designer:	Checker:	

Receiver

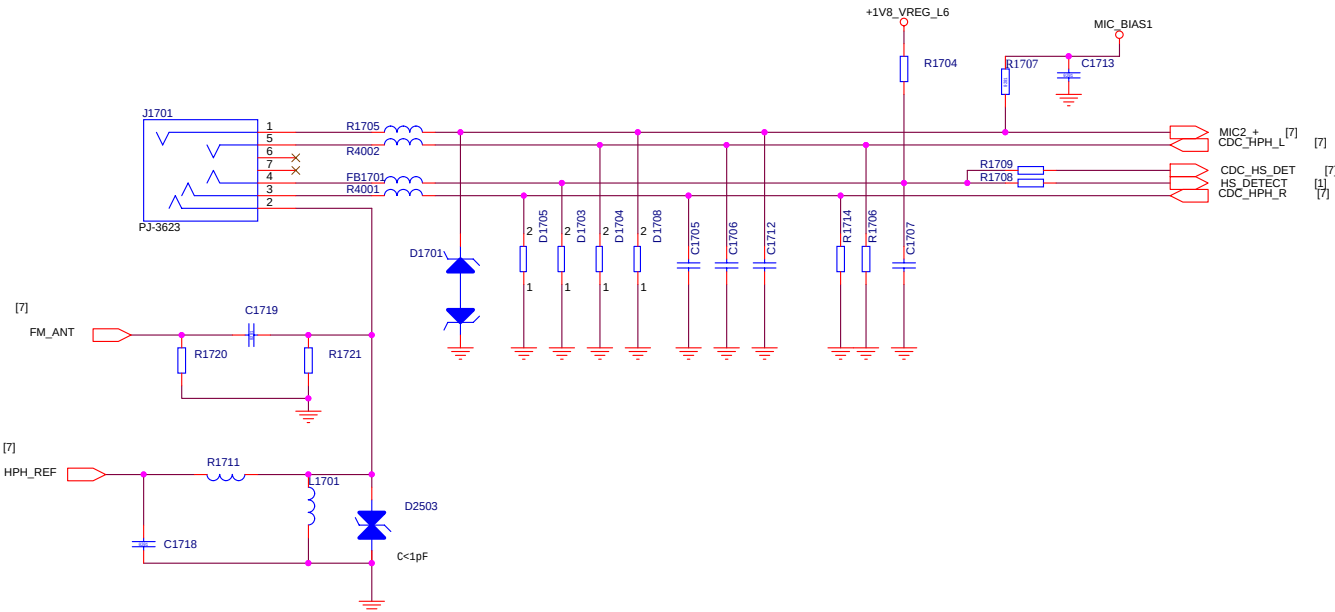
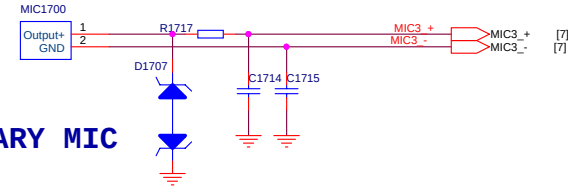


Subboard connect

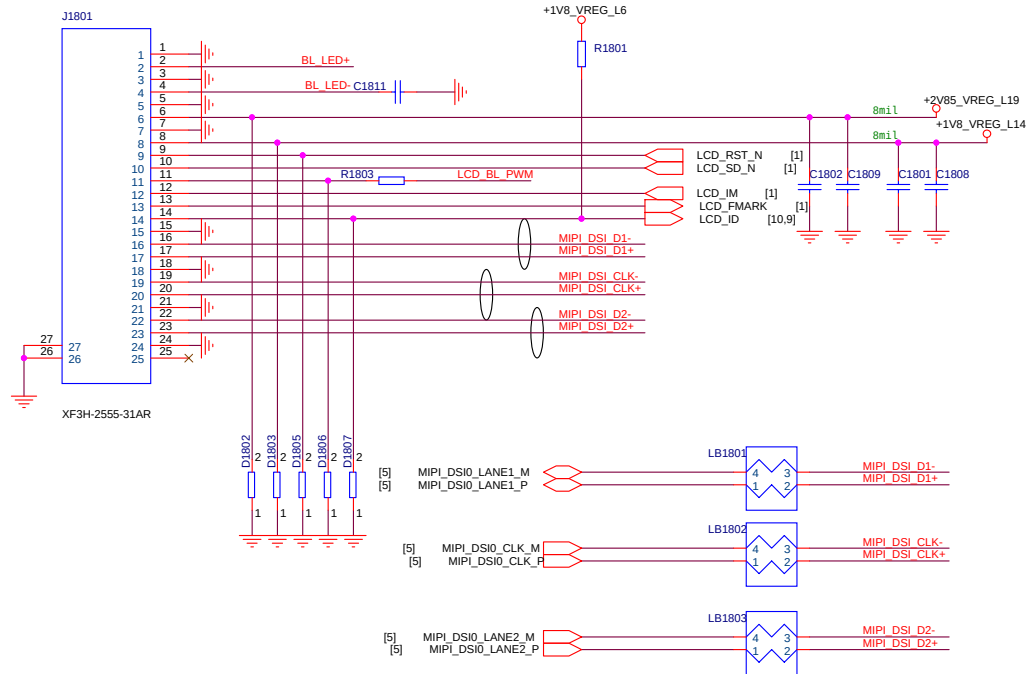
MAIN MIC



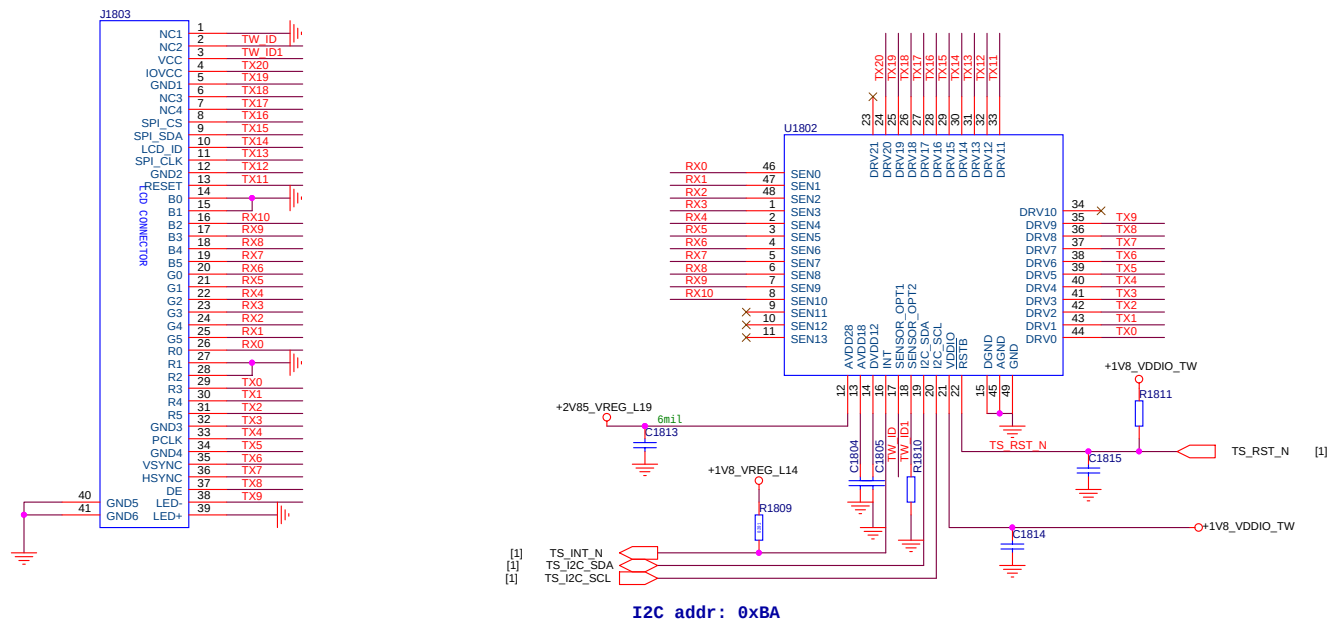
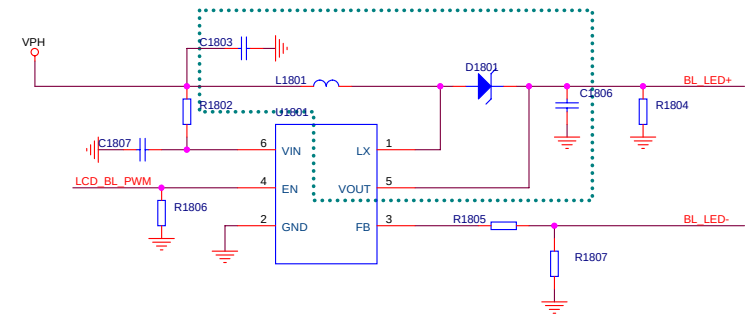
SECONDARY MIC



Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd		
Title	CP7576U_MAINBOARD	Ver V1.0
Functionality	AUDIO	Document Number
Date:	Wednesday, March 12, 2014	Sheet 17 of 40
Designer:	Checker:	

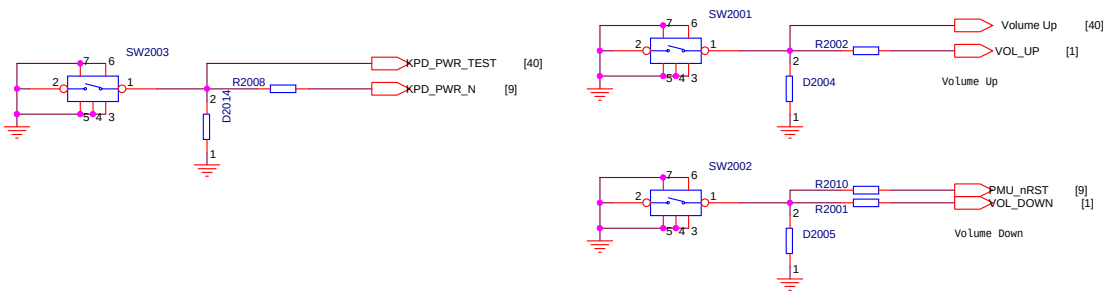
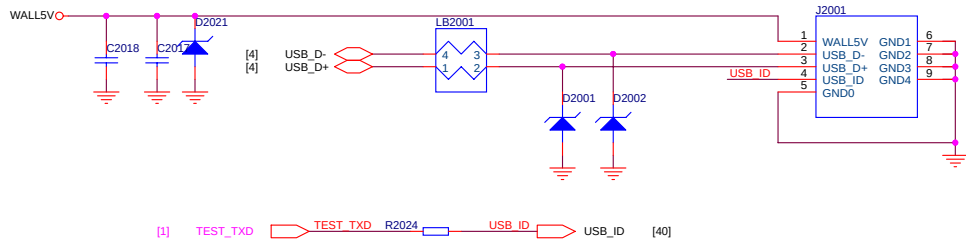


LCD

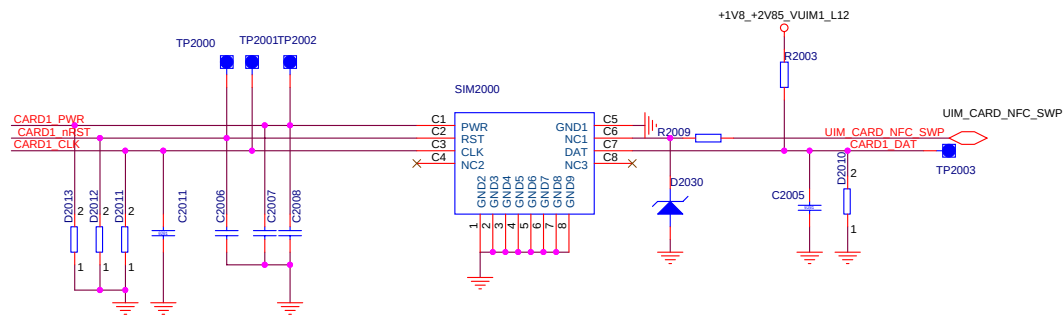
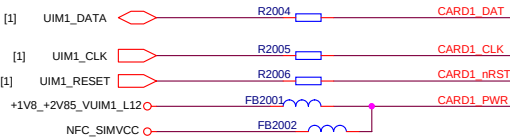


Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd		
Title	CP7576U_MAINBOARD	Ver V1.0
Functionality	LCD&BL&TW	Document Number
Date:	Wednesday, March 12, 2014	Sheet 18 of 40
Designer:	Checker:	

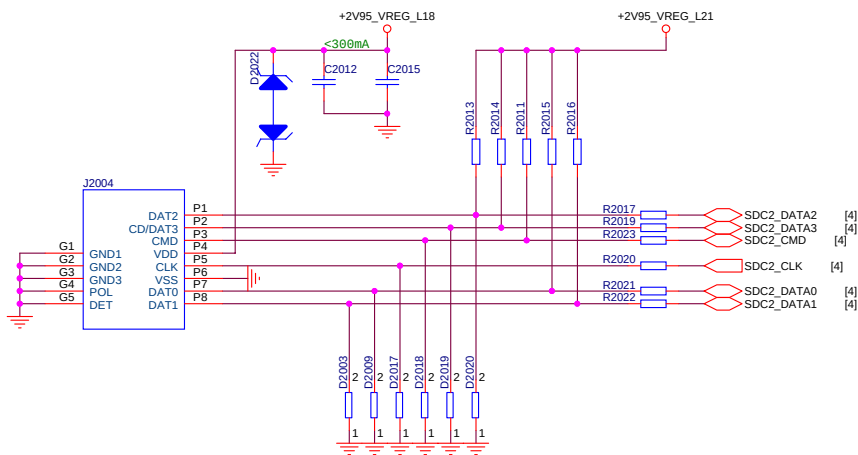
Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd			
Title		Ver	
CP7576U_MAINBOARD		V1.0	
Functionality Camera		Document Number	Keep Secret 15year
Date:	Wednesday, March 12, 2014	Sheet	19 of 40
Designer:		Checker:	



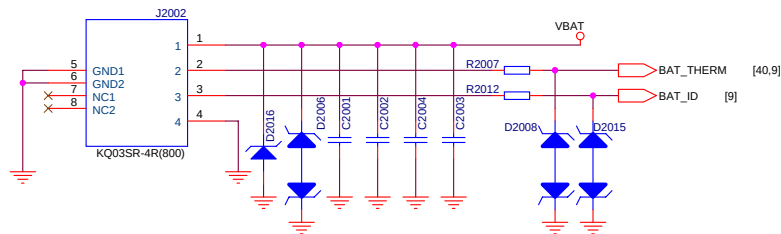
Buttons



UIM Card

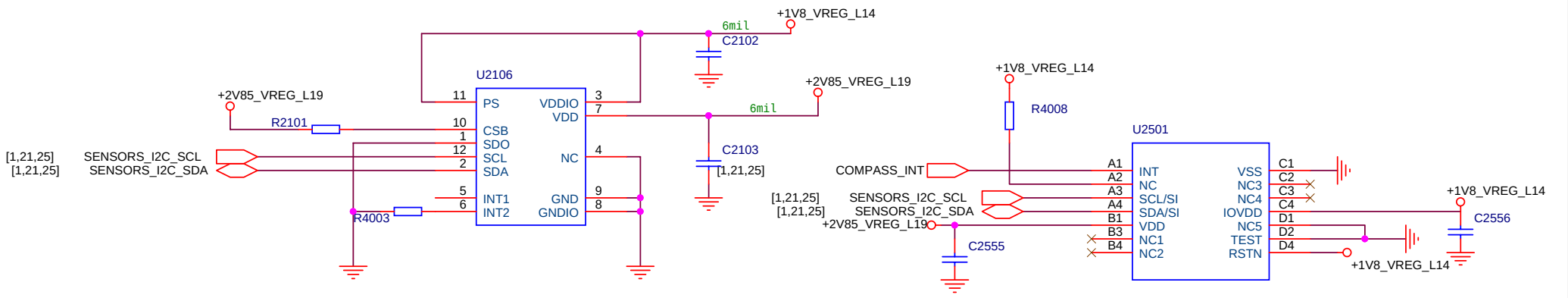


TFlash Card

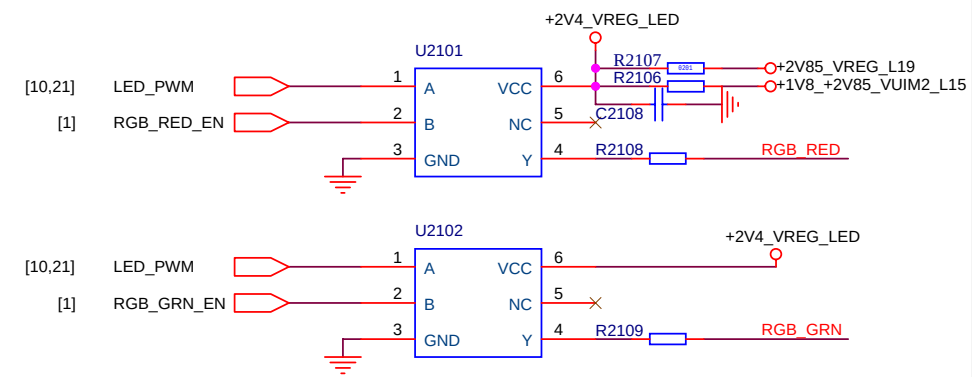
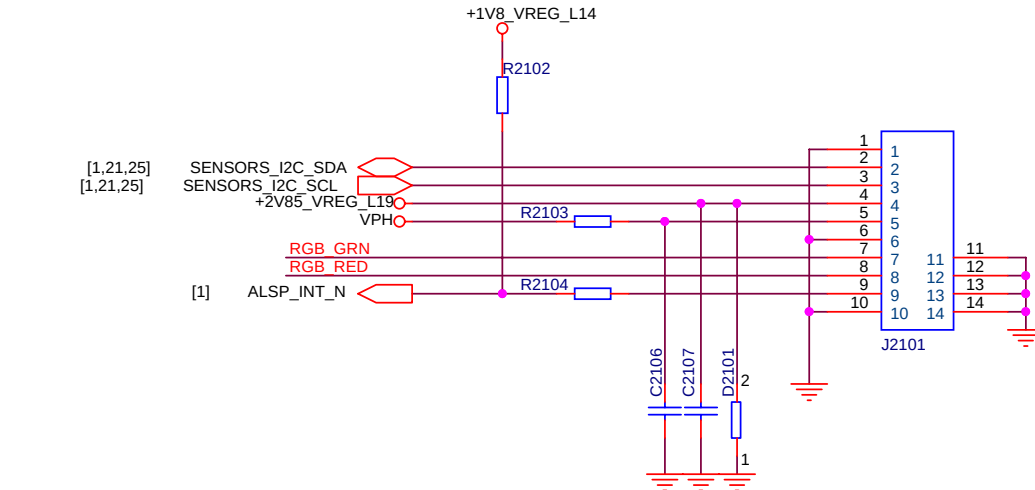


BATTERY

Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd			
Title CP7576U_MAINBOARD		Ver V1.0	
Functionality INTERFACE		Document Number	Keep Secret 15year
Date: Wednesday, March 12, 2014		Sheet	20 of 40
Designer:		Checker:	

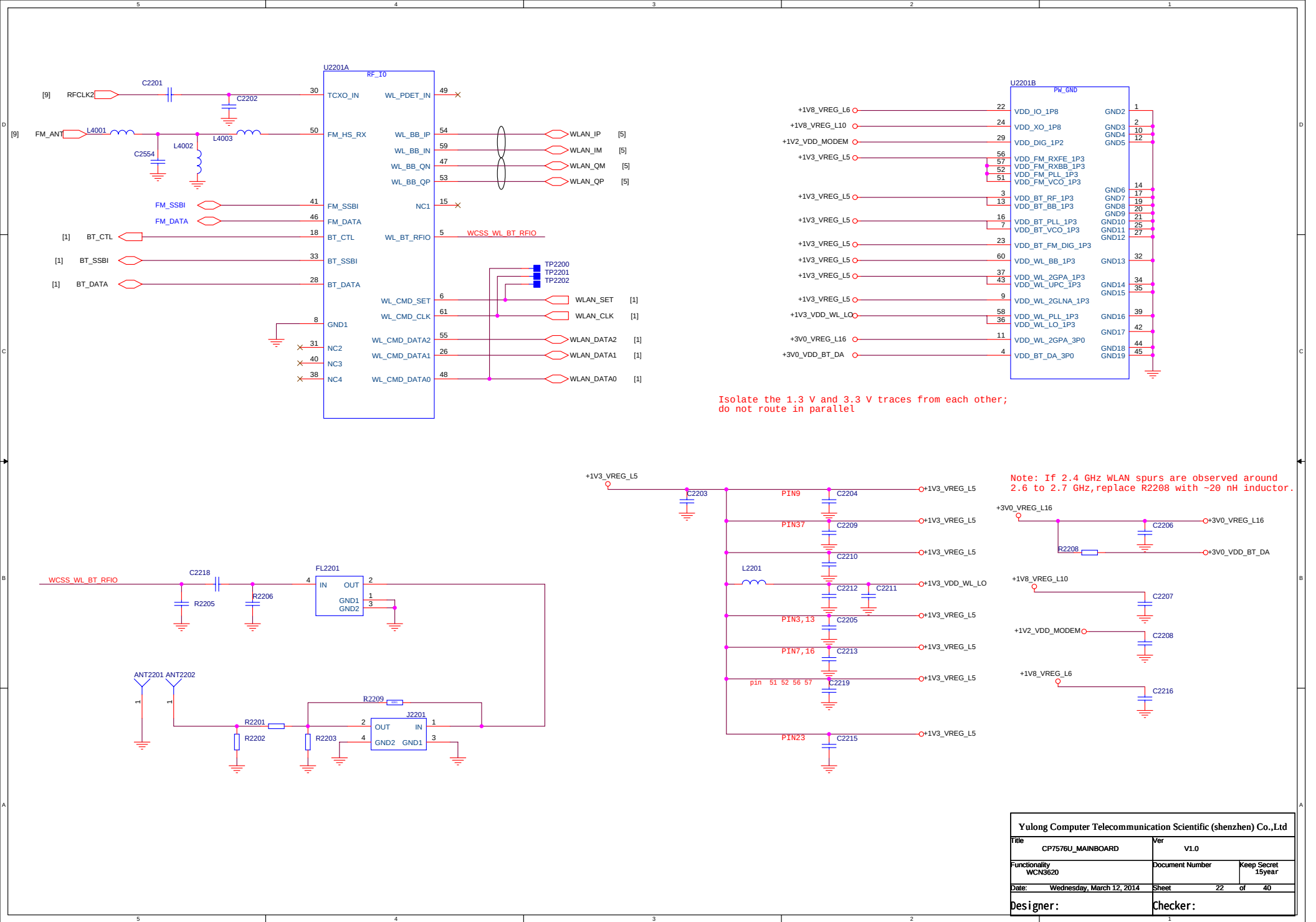


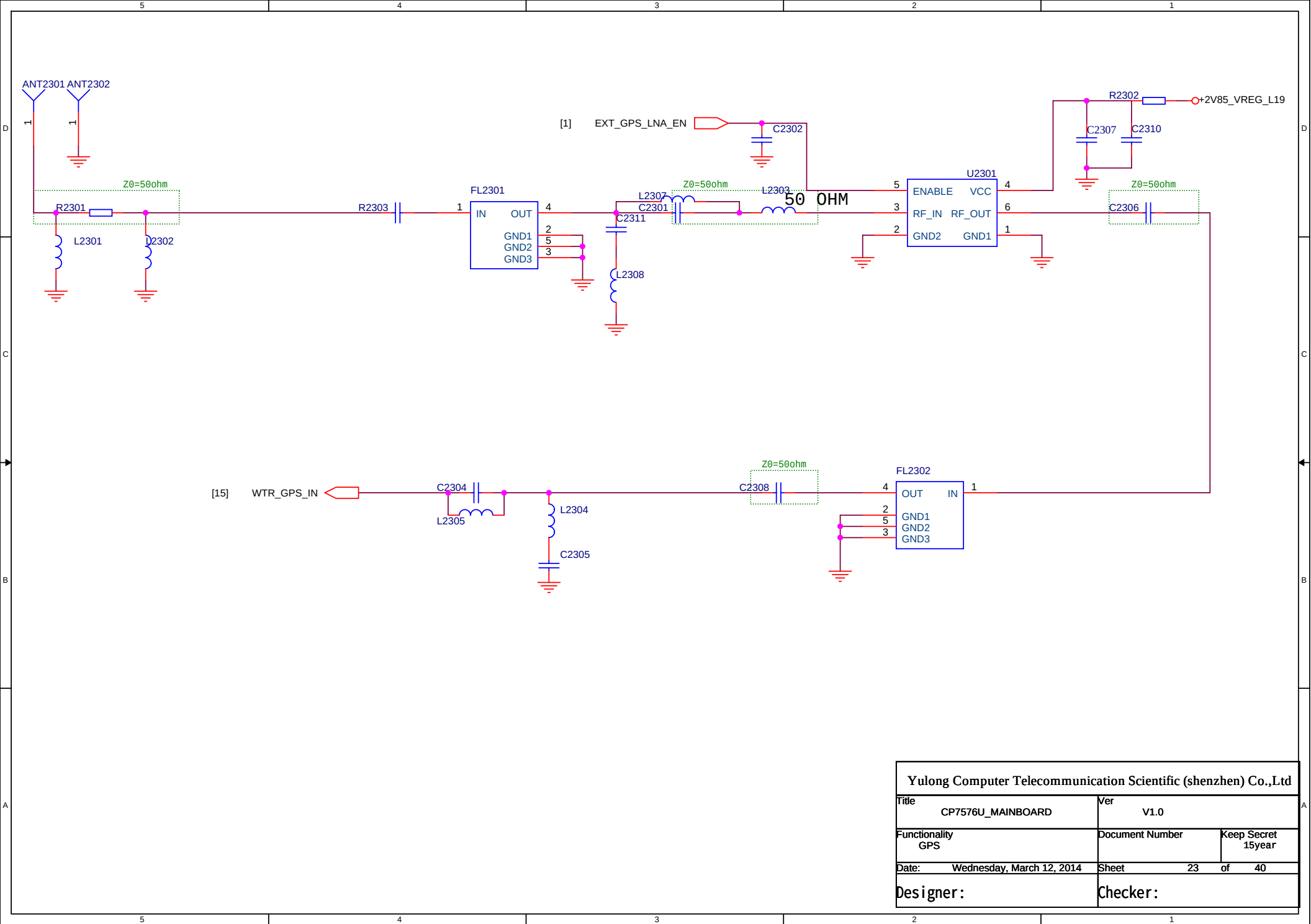
Acceleration Sensor

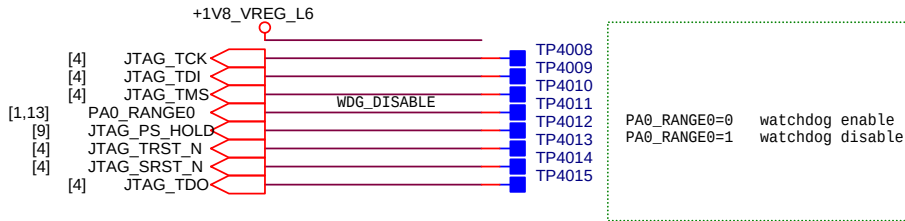


ALS and PROXIMITY SENSOR

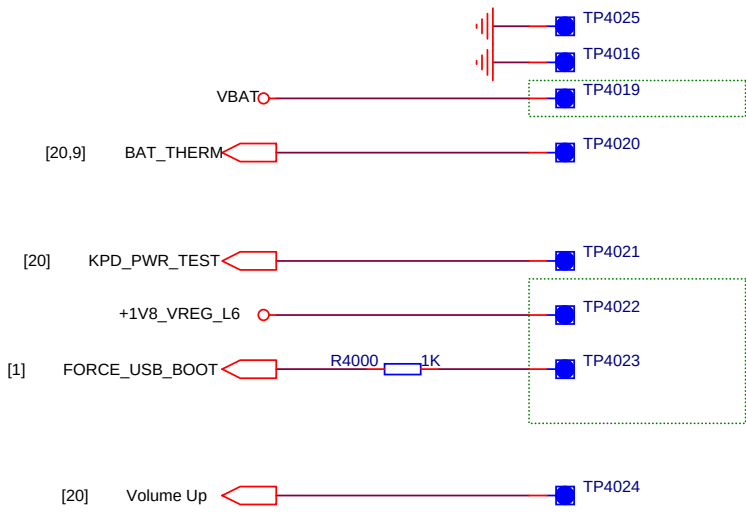
Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd		
Title	CP7576U_MAINBOARD	
Ver	V1.0	
Functionality	Document Number	Keep Secret
SENSOR		15year
Date: Wednesday, March 12, 2014	Sheet	21 of 40
Designer:	Checker:	



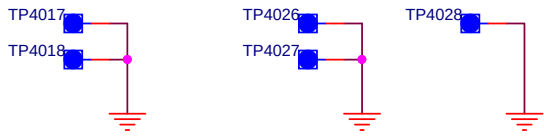




JTAG



MSM8210



screw hole



MARK

Yulong Computer Telecommunication Scientific (shenzhen) Co.,Ltd		
Title	CP7576U_MAINBOARD	
Ver	V1.0	
Functionality	Document Number	Keep Secret 15year
TEST POINT		
Date:	Wednesday, March 12, 2014	Sheet 40 of 40
Designer:	Checker:	