

华勤	通讯 Huaqin	Telecom	Те	chnol	ogy	Con	ı.,	Ltd
Title	01.Block	Diagran	n					
Size D	Project QL	1863						Rev V1
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## I2C Configuration Table

CAM I2C-0	AP	Rear Camera - 48M	400 Kbps	Yes.	Rear camera (S5KGM1SP) 48M I2C Address (R:0x5B;W:0x5A)  AF driver (ATMJ1Z991A) I2C address: 0X0C (Write:0x18, Read:0x19)  EEPROM (GT24P128C-2CSLI)I2C address: 0X50 (Write:0xA0, Read:0xA1)
_		MONO Camera - 2M	400 Kbps	Yes.	MONO camera (GC02M0) 2M I2C Address (R:0x6F;W:0x6E) EEPROM I2C address: (Write:0xA5;0xA4)
		Front camera2	400 Kbps	Yes.	
CAM I2C-1	AP	Front camera_8M	400 Kbps	Yes.	Front camera (S5K4H7) 16M I2C Address (R:0x21;W:0x20) EEPROM (STM24C64X) I2C address: (Write:0XA9;0XA8)
_		Wide Camera - 8M	400 Kbps	Yes.	WIDE camera (OV8856) 8M I2C Address (R:0x45;W:0x44) EEPROM (P24C128E) I2C address: (Write:0XA3;0XA2)
		FF MONO Camera - 2M	400 Kbps	Yes.	FF MONO camera (OV02A10) 2M I2C Address (R:0x7B;W:0x7A) FF MONO EEPROM I2C address: (Write:0XA5;0XA4)
NFC I2C	QUP0 SE3	NFC	400 Kbps	Yes.	NFC SN100 address: 0X08 (Write:0x51, Read:0x50)
_	QUI U OLO		400 Kbps	Yes.	
		A+G	400 Kbps	Yes.	LSM6DS3TR-C I2C address: (Write:0xD5, Read:0xD4) BMI160 I2C address: (Write:0xD1, Read:0xD0)
SENSOR_I2C	QUP1 SE0	MSENOSR	400 Kbps	Yes.	MMC5603NJL I2C Address (R:0x61;W:0x60) AK09918C I2C Address (R:0x19;W:0x18)
		ALPS	400 Kbps	Yes.	STK33502 I2C Address (R:0x8D;W:0x8C)
	QUP1 SE2	DW SMART PA	400 Kbps	Yes.	AW87339CSR I2C address: (Write:0xB3, Read:0xB2) SIA8109 I2C address: (Write:0x55, Read:0x54)
APPS2_I2C	QUIT OLZ	Second Charge	400 Kbps	Yes.	SMB1355 I2C Address (R:0x19;W:0x18)
		UP SMART PA	400 Kbps	Yes.	AW87339CSR I2C address: (Write:0xB1, Read:0xB0) SIA8109 I2C address: (Write:0x51, Read:0x50)
	01100 054	MULTI LDO	400 Kbps	Yes.	PM8008 I2C address: (Write:0x04, Read:0x05)
APPS_I2C	QUP0_SE1		400 Kbps	Yes.	
			400 Kbps	Yes.	

# SPI Configuration Table \_\_\_\_\_

LCD SPI	AP SE2	
NFC_ESE SPI	AP SE0	
FP_SPI	AP SE1	

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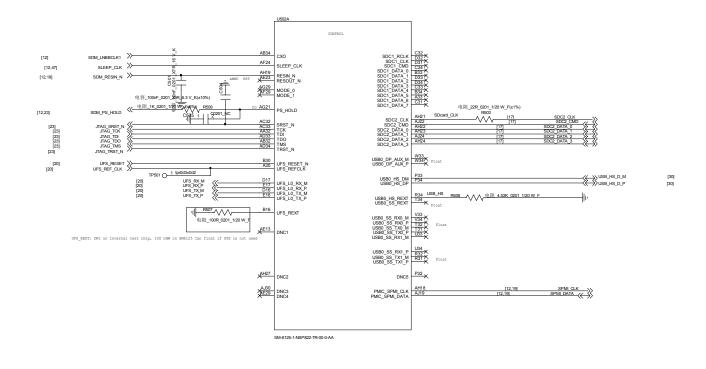
MAP	S	DM6125 GPI	O Configuration		
GPIO_0	BLSP SPI MOSI 1	GPIO_42	NC	GPIO_84	UIM2_CLK
GPIO_1	BLSP_SPI_MISO_1	GPIO_43	NC	GPIO_85	UIM2_RESET
GPIO_2	BLSP_SPI_CS1_N_1	GPIO_44	NC	GPIO_86	UIM2 PRESENT
GPIO_3	BLSP SPI CLK 1	GPIO_45	NC	GPIO_87	UIM1_DATA
GPIO_4	BLSP UART TX 2	GPIO_46	CAMO_RST_N	GPIO_88	UIM1_CLK
GPIO_5	BLSP UART RX 2	GPIO_47	CAM1_RST_N	GPIO_89	UIM1_RESET
GPIO_6	BLSP I2C SDA 2	GPIO_48	CAM2_RST_N	GPIO_90	UIM1_PRESENT
GPIO_7	BLSP I2C SCL 2	GPIO_49	NC	GPIO_91	UIM_BATT_ALARM
GPIO_8	BLSP SPI MOSI 3	GPIO_50	CAM_AF_VDD_EN	GPIO_92	NC
GPIO_9	BLSP SPI MISO 3	GPIO_51	CAM_AVDD_EN	GPIO_93	NC
GPIO_10	BLSP_SPI_CS_N_3	GPIO_52	NC	GPIO_94	NC
GPIO_11	BLSP_SPI_CLK_3	GPIO_53	LCDO RESET N	GPIO_95	NC
GPIO_12	NC	GPIO_54	SD CARD DET N	GPIO_96	WDOG_DISABLE
GPIO_13	KEYPAD_LED_PWM	GPIO_55	DP EN N	GPIO_97	NC
GPIO_14	BLSP_I2C_SDA_4	GPIO_56	USBC ORIENTATION	GPIO_98	NC
GPIO_15	BLSP_I2C_SCL_4	GPIO_57	FORCED USB BOOT	GPIO_99	QLINK_REQUEST
GPIO_16	BLSP UART TX 5	GPIO_58	USB PHY PS	GPIO_100	QLINK_ENABLE
GPIO_17	BLSP_UART_RX_5	GPIO_59	MDP VSYNC P	GPIO_101	RFFE1_DATA - SDR660 debug
GPIO_18	BLSP_UART_CTS_N_5	GPIO_60	NC	GPIO_102	RFFE1_CLK - SDR660 debug
GPIO_19	BLSP_UART_RFR_N_5	GPIO_61	NC	GPIO_103	RFFE2_DATA - (41)QAT3533
GPIO_20	FP SUB RESET	GPIO_62	NC	GPIO_104	RFFE2_CLK - (41)QAT3533
GPIO_21	SMB_STAT	GPIO_63	NC	GPIO_105	NC
GPIO_22	BLSP_I2C_SDA_6	GPIO_64	NC	GPIO_106	NC
GPIO_23	BLSP_I2C_SCL_6	GPIO_65	NC	GPIO_107	RFFE4_DATA-(45)QSW8574,(48)RF1656SR
GPIO_24	CDC_SWR_CLK	GPIO_66	TS_RESET_N	GPIO_108	RFFE4_CLK - (45)QSW8574,(48)RF1656SR
GPIO_25	CDC_SWR_DATA	GPIO_67	TS_INT_N	GPIO_109	RFFE5_DATA-(52)QAT3514, (52)QAT3550,(47) QAT35
GPIO_26	WSA SPKR SD N 1	GPIO_68	ACC_GYRO_DATA_AVA_INT_N	GPIO_110	RFFE5_CLK-(52)QAT3514, (52)QAT3550,(47)QAT3522
GPIO_27	NC	GPIO_69	ACC_GYRO_MOT_INT_N	GPIO_111	RFFE6_DATA - (46)QET4101 ch0, (41)QPA4361
GPIO_28	NFC IRQ	GPIO_70	MAG INT N	GPIO_112	RFFE6_CLK - (46)QET4101 ch0, (41)QPA4361
GPIO_29	NFC_EN	GPIO_71	ALSP_INT_N	GPIO_113	NC
GPIO_30	NFC_DWL_REQ	GPIO_72	FP_INT_N_1	LPI_GPIO_0	LPI_SPI_1_CS1_N
GPIO_31	NFC_ESE_PWR_REQ	GPIO_73	NC	LPI_GPIO_1	LPI_PWR_EN
GPIO_32	CAM_MCLK0	GPIO_74	NC	LPI_GPIO_2	LPI_I2C_3_SDA
GPIO_33	CAM_MCLK1	GPIO_75	NC	LPI_GPIO_3	LPI_I2C_3_SCL
GPIO_34	CAM_MCLK2	GPIO_76	NC	LPI_GPIO_4	LPI_SPI_2_CS_N
GPIO_35	NC	GPIO_77	AUDIO_USBC_EN2_N	LPI_GPIO_5	LPI SPI 2 CLK
GPIO_36	CCI_I2C_SDA0	GPIO_78	WMSS_RESETN	LPI_GPIO_6	LPI_SPI_2_MOSI
GPIO_37	CCI_I2C_SCL0	GPIO_79	PWM_CNTRL	LPI_GPIO_7	LPI_SPI_2_MISO
GPIO_38	CCI_I2C_SDA1	GPIO_80	AUDIO_USBC_EN1	LPI_GPIO_8	LPI_SPI_1_CS_N
GPIO_39	CCI I2C SCL1	GPIO_81	MSS_LTE_COXM_TXD	LPI GPIO 9	LPI_SPI_1_CLK
GPIO_40	NC	GPIO_82	MSS_LTE_COXM_RXD	LPI GPIO 10	LPI_SPI_1_MOSI
GPIO_41	FL STROBE TRIG	GPIO_83	UIM2 DATA	LPI_GPIO_11	LPI SPI 1 MISO

LPI_GPIO_12	LPI_UART_1_TX
LPI_GPIO_13	LPI_UART_1_RX
LPI_GPIO_14	NC
LPI_GPIO_15	NC
LPI GPIO 16	NC
LPI_GPIO_17	NC
LPI_GPIO_18	CDC_PDM_CLK
LPI_GPIO_19	CDC_PDM_SYNC
LPI_GPIO_20	CDC_PDM_TX
LPI_GPIO_21	CDC PDM RX0
LPI_GPIO_22	CDC PDM RX0 COMP
LPI_GPIO_23	CDC_PDM_RX1
LPI_GPIO_24	CDC_PDM_RX1_COMP
LPI_GPIO_25	CDC_PDM_RX2
LPI_GPIO_26	CDC_DMIC_CLK1
LPI_GPIO_27	CDC_DMIC_DATA1
LPI_GPIO_28	CDC_DMIC_CLK2
LPI_GPIO_29	CDC_DMIC_DATA2
LPI_GPIO_30	LPI_QCA_SB_CLK
LPI_GPIO_31	LPI_QCA_SB_DATA0

PM	PM6125 GPIO Configuration								
GPIO 1	NC	GPIO_8	WLED_CABC_PM						
GPIO_2	SD_CARD_DET_N1	GPIO_9	DISCHARGE_EN						
GPIO_3	CPU_THERM								
GPIO_4	NC								
GPIO_5	KEY VOL DW								
GPIO_6	BOARD_ID								
GPIO_7	PM_USB_THERM								

PMI	PMI632 GPIO Configuration								
GPIO_1	NC	GPIO_8	ISNS_SMB_N						
GPIO 2	SMB_EN								
GPIO_3	PMI632_THERM								
GPIO_4	SNS_3P0_EN								
GPIO_5	NC								
GPIO_6	NC								
GPIO_7	ISNS_SMB_P								

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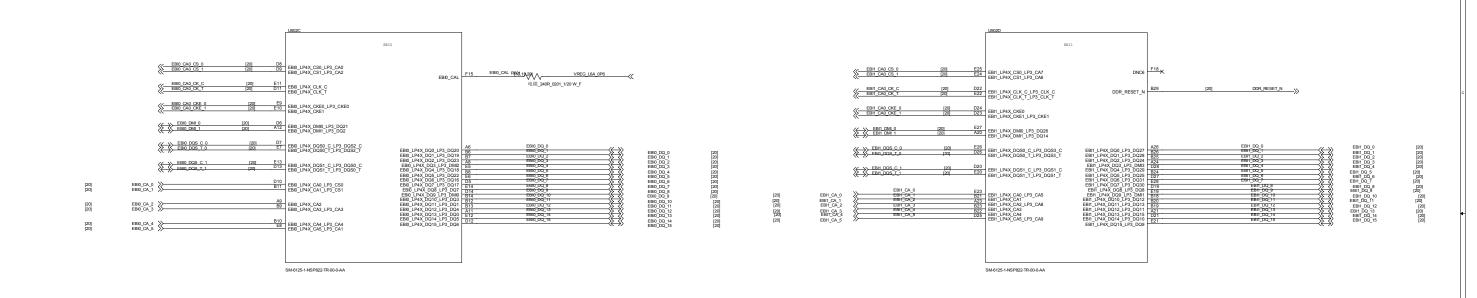
华勤通讯 Huaqin Telecom Technology Com., Ltd

Title 05.SM6125 Control/UFS/SDC1/SDC2

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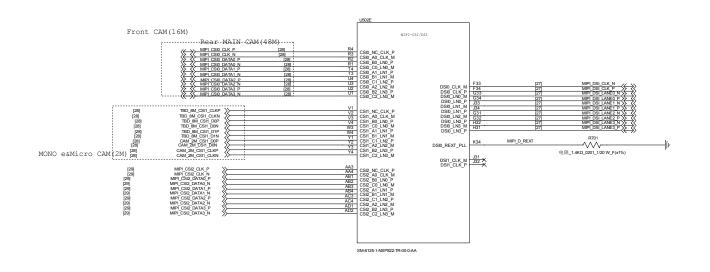
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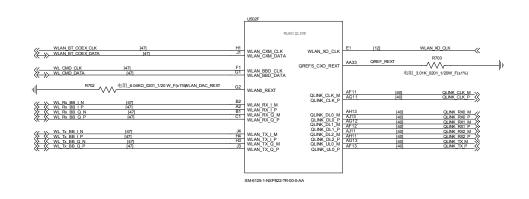
SM6125 LPDDR4 80-PJ285-41 Rev. A



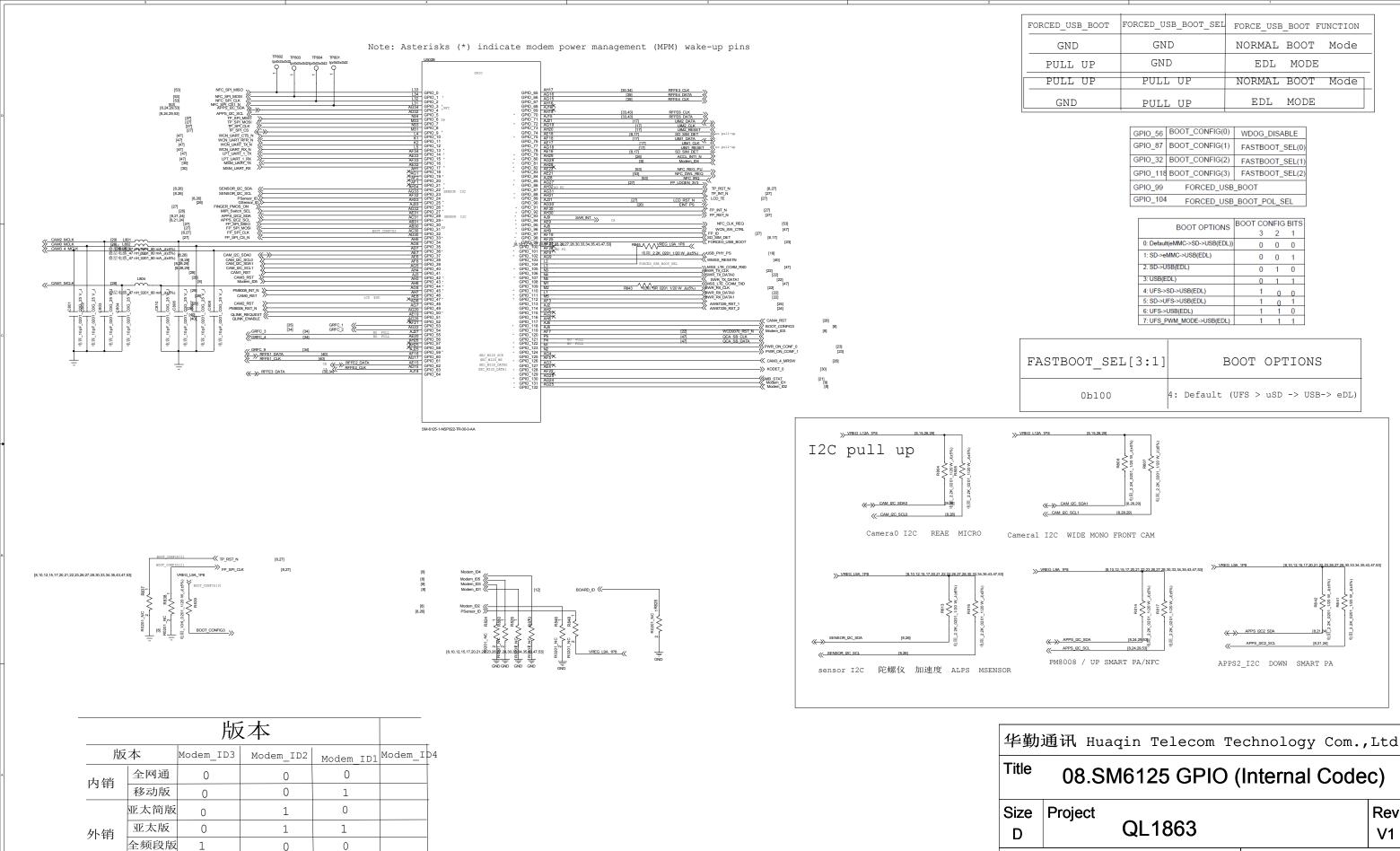
华勤	华勤通讯 Huaqin Telecom Technology Com.,Ltd									
Title 06.SM6125 LPDDR4										
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SM6125 CSI/DSI REF 701-799





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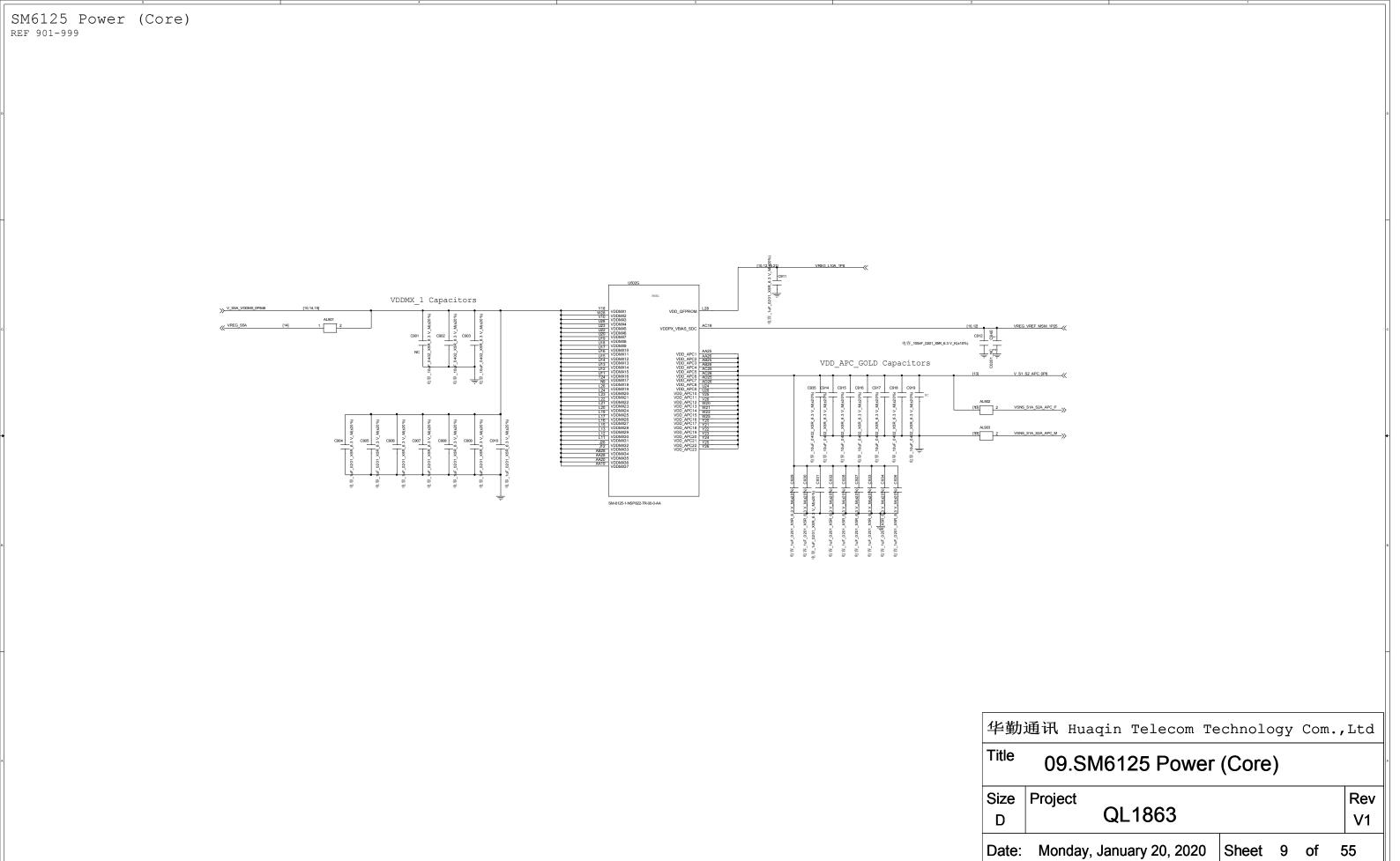
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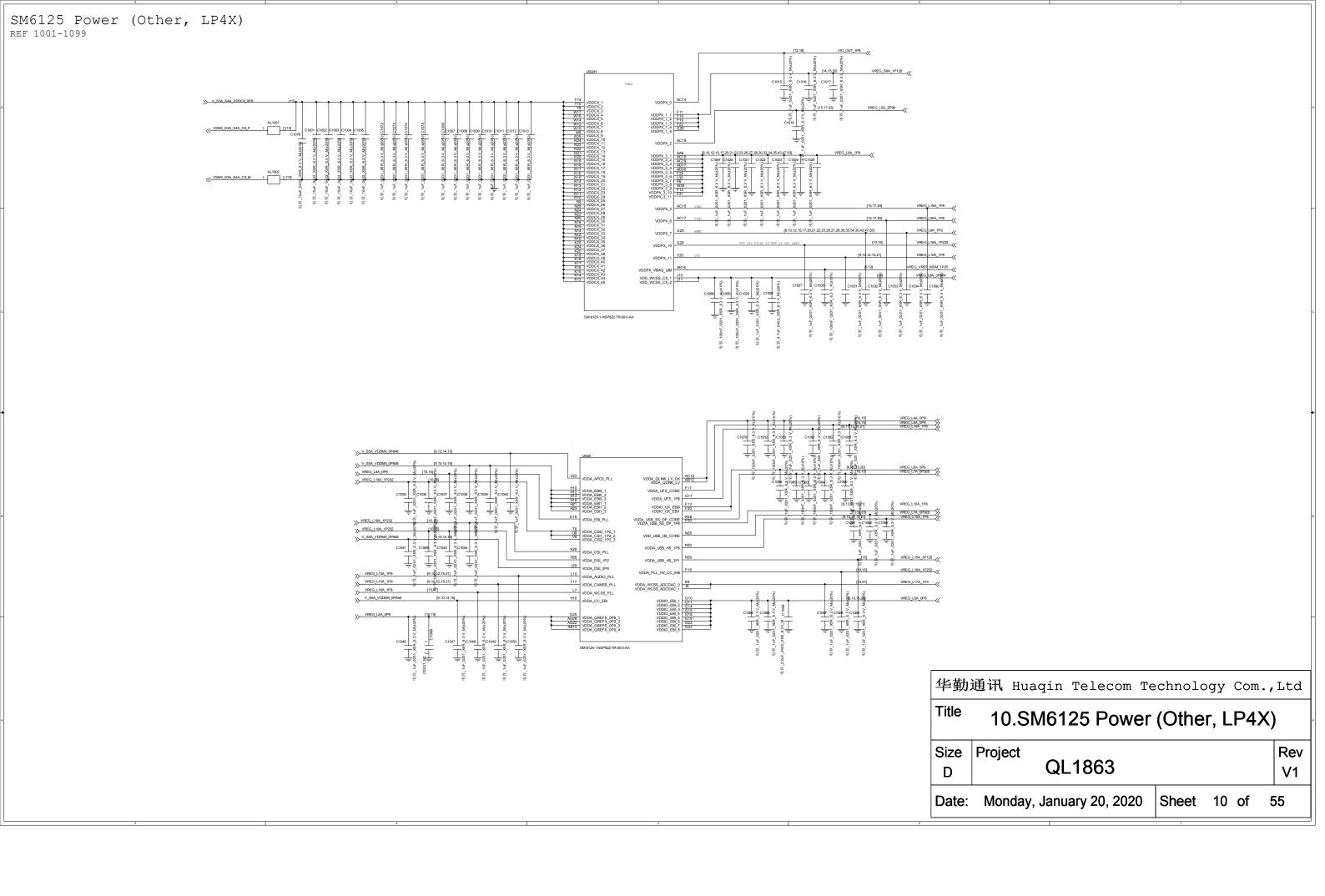
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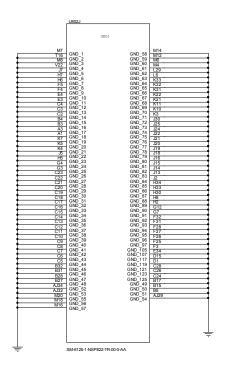
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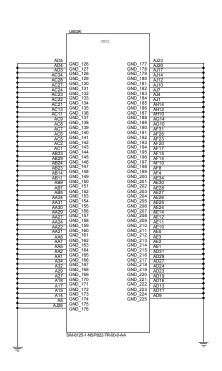
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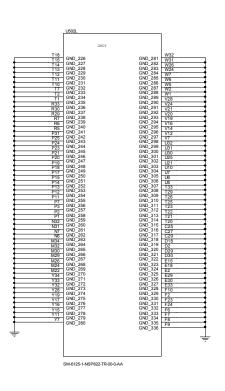




SM6125 Ground REF 1101-1199

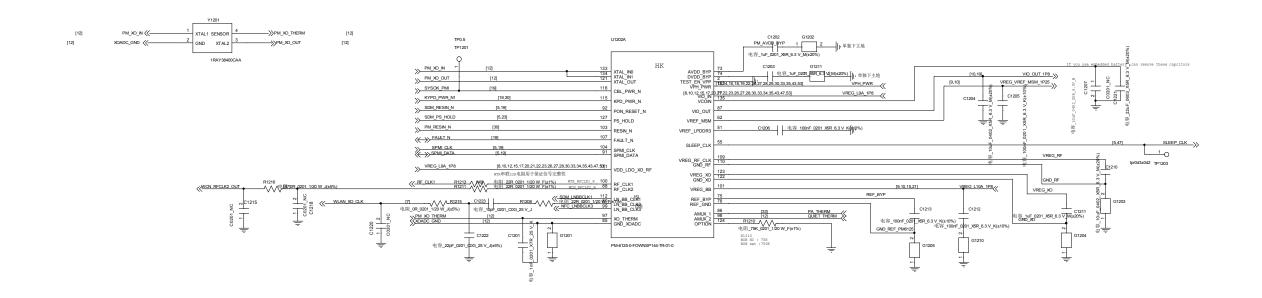






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Title	11.SM6125	Grou	nd				
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# PM6125 CLKs/Control\_GND REF 1201-1299





Option Pin Resistor Value	Configuration
5.6K	No External Boost Bypass, SD Card Boot, LPDDR3
22K	No External Boost Bypass, SD Card Boot, LPDDR4x
47K	No External Boost Bypass, No SD Card Boot, LPDDR3
75K	No External Boost Bypass, No SD Card Boot, LPDDR4x
130K	External Boost Bypass, SD Card Boot, LPDDR3
240K	External Boost Bypass, SD Card Boot, LPDDR4x
330K	External Boost Bypass, No SD Card Boot, LPDDR3
750K	External Boost Bypass, No SD Card Boot, LPDDR4x

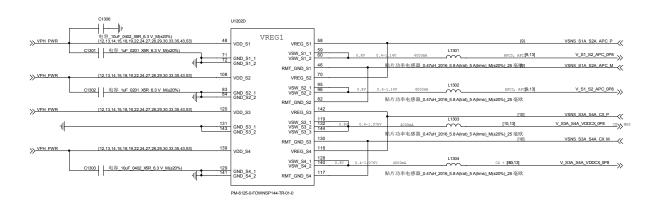
Note: SD Card Boot implies the voltages for SD card will be enabled during Power On sequence No SD Card Boot implies the voltages for SD card will be disabled during Power On sequence

Note: 80 Card Noot implies the voltages for 80 Card will be enabled during Fower On sequence No 80 Card Noot implies the voltages for 80 Card will be disabled during Fower On sequence No External Boost Bypass: NO VRES\_BOB

P	PM6125	PMI632	
QI	JIET_THERM	PMI_USB1_THERM	
P	A_THERM	PMI_USB2_THERM	

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Title	12.PM6125 CLKs/Control_GND	
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PM6125 Buck Converter REF 1301-1399



#### Nicobar Power Grid v1.31 10/31/2018

 S1A-2A:
 FTS510
 0.8V default 8000mA lpeak 8110.00mA
 APC

 S3A-4A:
 FTS510
 0.8V default 8000mA lpeak 8480mA
 CX, MODEM

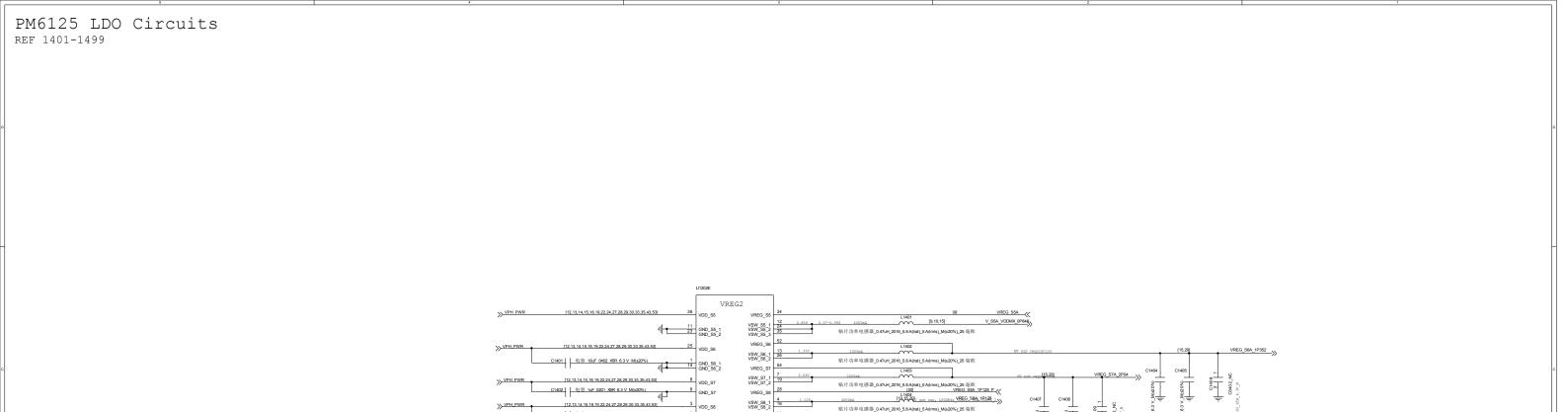
 S5A:
 HFS510
 0.912V default 4000mA lpeak 3620.00mA
 EBI, MX, nLDO

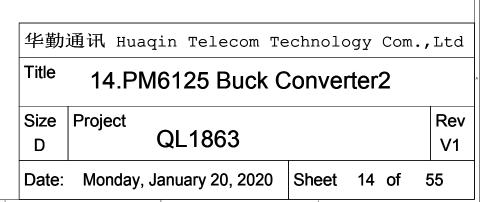
 S6A:
 HFS510
 1.352V default 4000mA lpeak 1560mA
 LDO

 S7A:
 HFS510
 2.04V default 2500mA lpeak 2350mA
 LDO

 S8A:
 FTS510
 1.128V default 4000mA lpeak 1790mA LDO, LPDDR4x

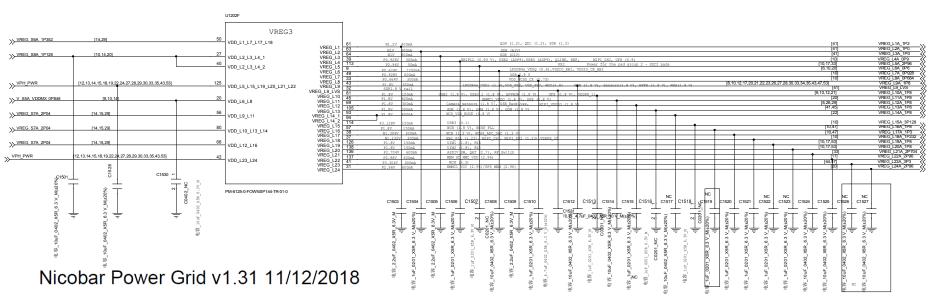
华勤	通讯 Huaqin	Telecom	Те	chnolo	эдУ	Com	• ,	Ltd
Title	13.PM61	25 Buck	C	onvei	ter	1		
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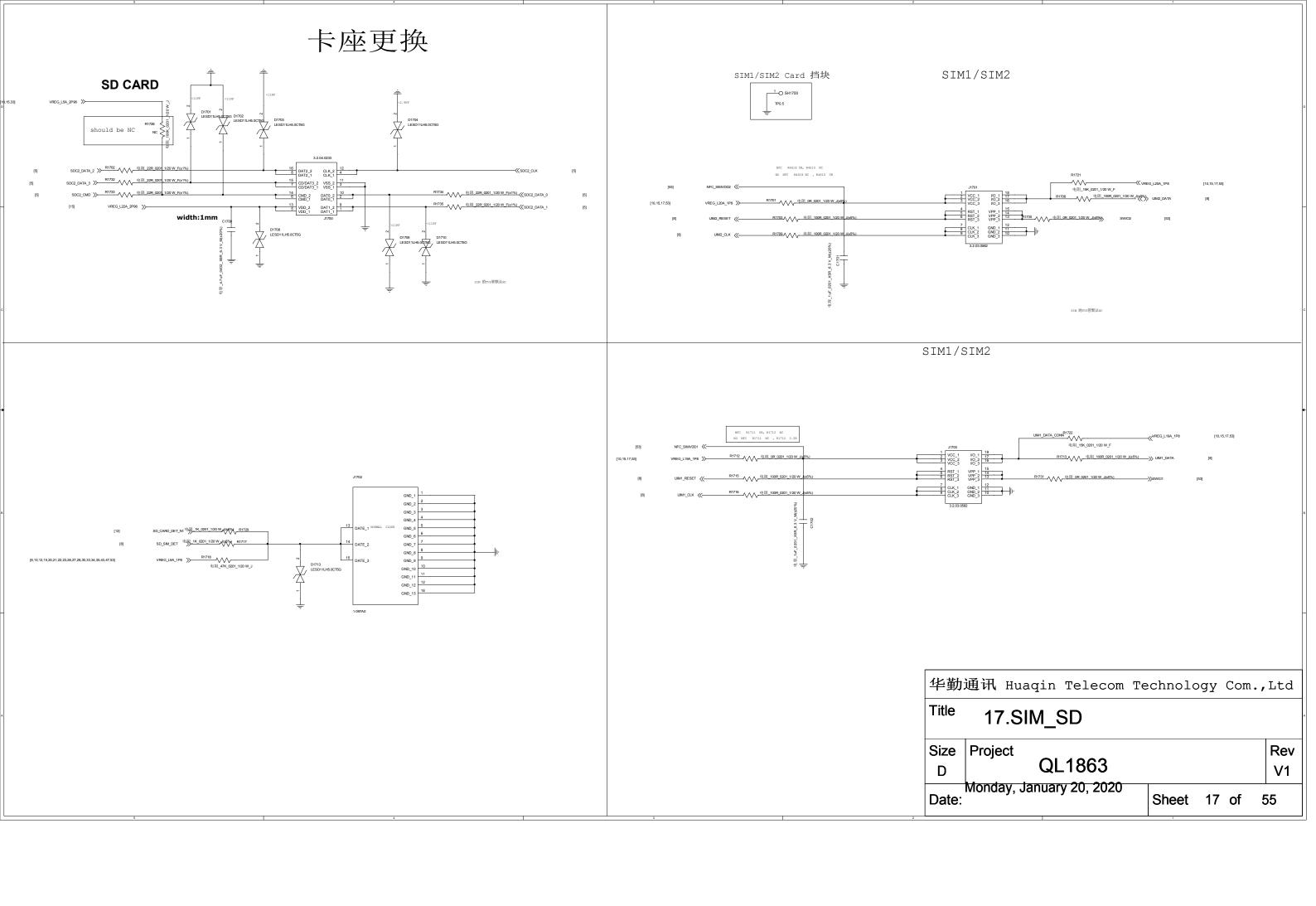




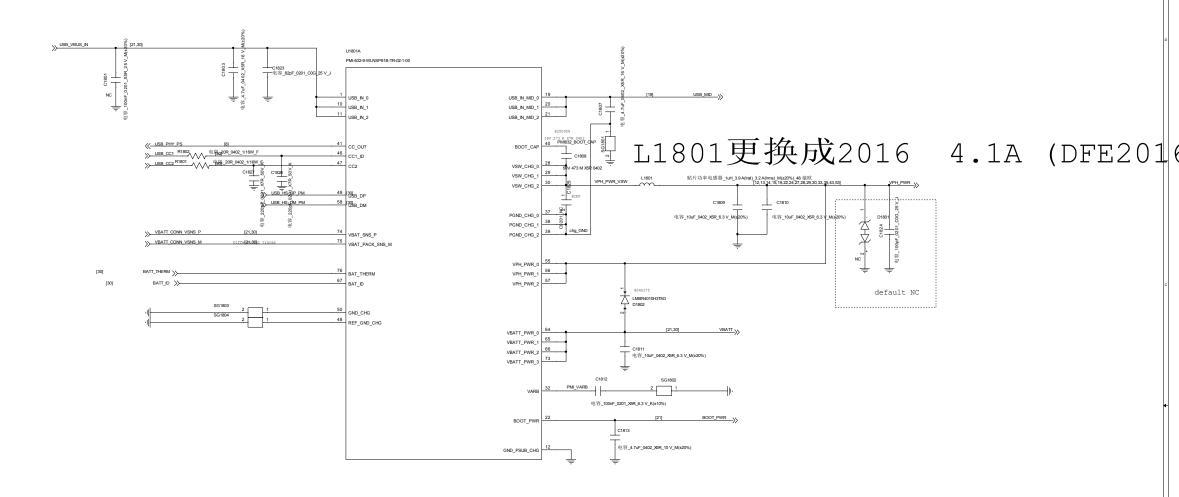
LDO L5/L9/L10/L11/L12/L13/L14/L15/L16/L19/L20/L21/L22/L23/L24 is the Pseudo-capless LDO, so can dni CAP in BOM PSEUDO CAPLESS LDOs
P-type are psuedo-capless, cap can be at load
For CAPLESS LDOs: If decaps on the load side do not add up to LDO spec, then install the cap close to the PMIC

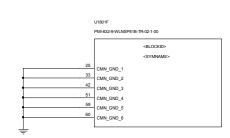
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PMI PIN	connection on device without Wipower	connection on device with Nipower
CHG_OK	Pull up to VDD_CAP with 51kohn	Stark PRU CHG_OK
DVI2_EN	Pull down to GND with Oohn	Stark PRU DIV2_EN
GPI02	No Connect For parallel charging: Connects to SMB EN pin.	10Kohm pull down to gnd For parallel charging: Connects to SMB EN pin.

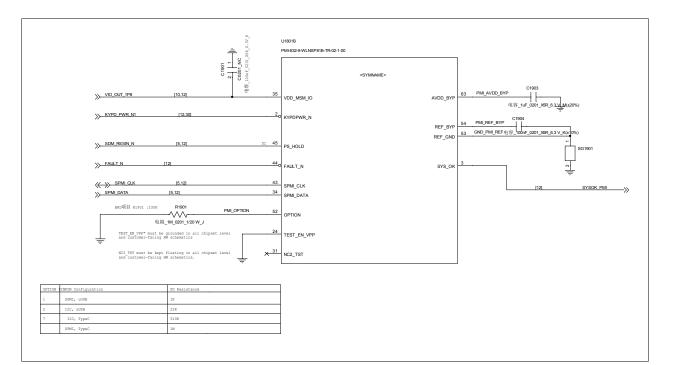


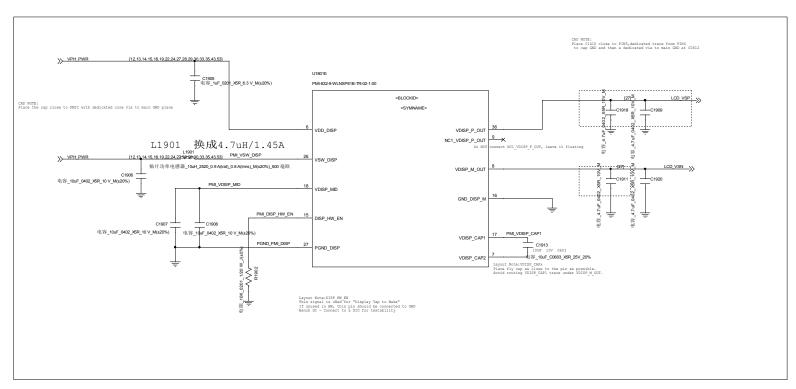


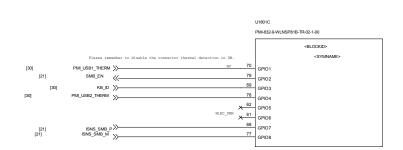
PMI632 Charger

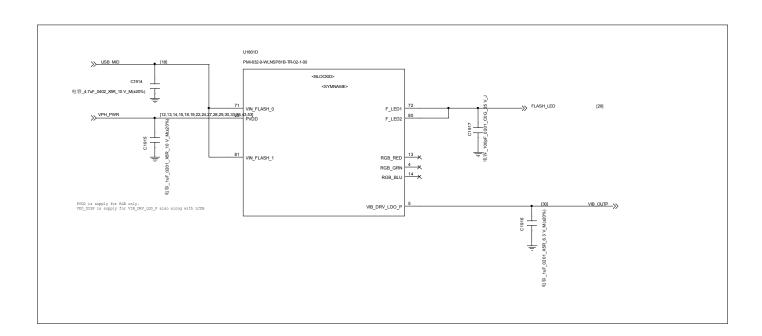
华勤通讯 Huaqin Telecom Technology Com.,Ltd					
Title	18.PMI632 CHARG	SING			
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## PMI632 Display REF 80-PG427-41 Rev. B

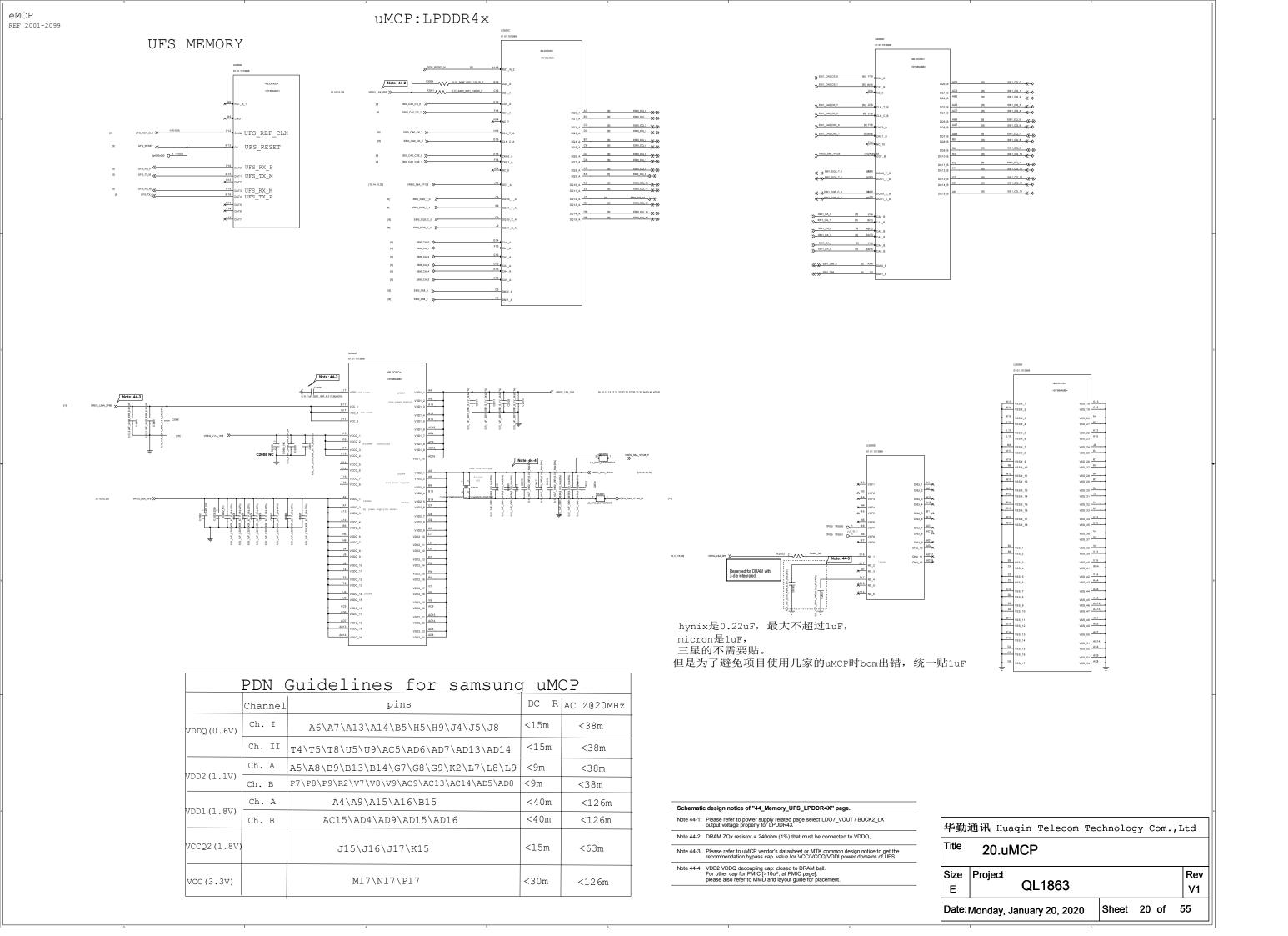


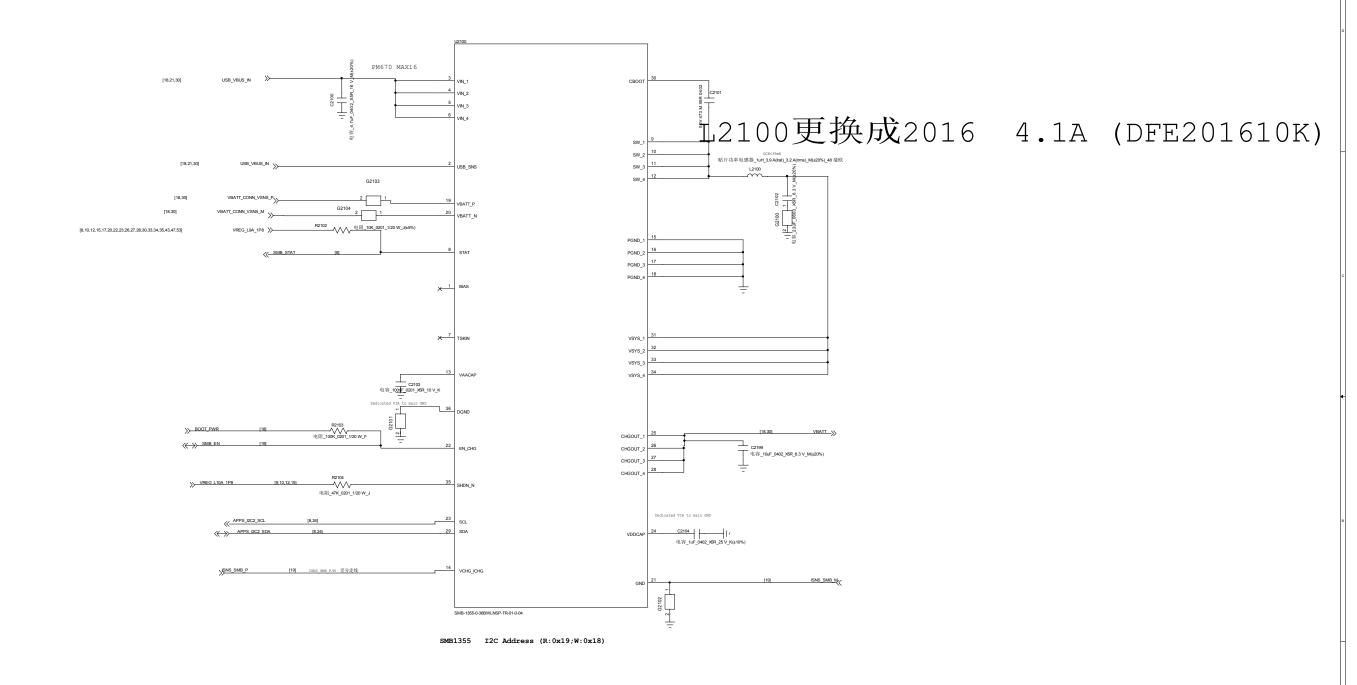




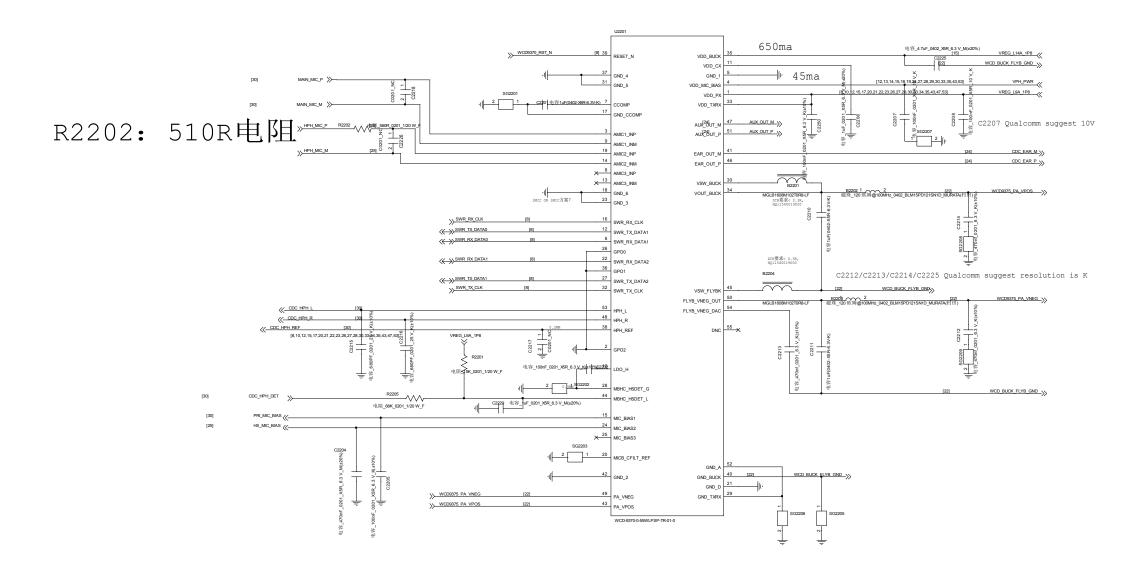


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Title	19	9.PMI63	32 Contr	ol/Disp	lay/	GPIC	0
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Title	21.Charger _SMB1	355		
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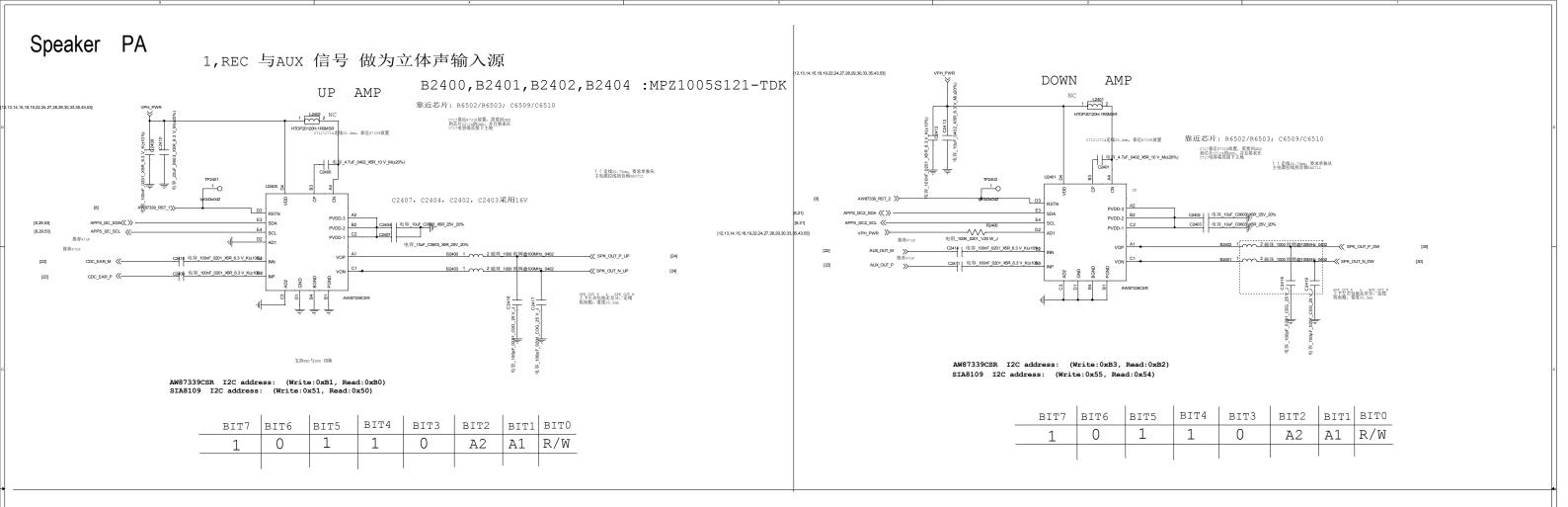
华勤通讯 Huaqin Telecom Technology Com., Ltd

Title 22.WCD9370\_CODEC

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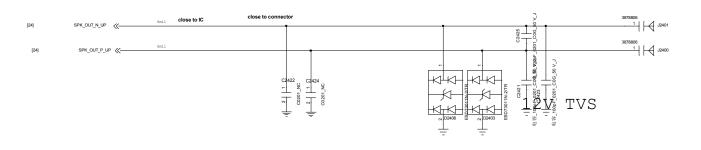
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UART PRODUCTION AND AND AND AND AND AND AND AND AND AN	PWR_ON_CONF_1 (< R2002	
	[S] JTAG_TMS >> TP2312  [S] JTAG_TCK >> 1 postsod2  [S] JTAG_SRST_N >> 1 postsod2  [S] JTAG_SRST_N >> 1 postsod2  [S] JTAG_SRST_N >> 1 postsod2	
ξ	Sheilding	MARK
	### BOT    SHC000 1   O 170.5   O 170.5   O 170.5     PTR	TP/GND/Shielding  华勤通讯 Huaqin Telecom Technology Com., Ltd  Title 23.Test Points  Size Project QL1863  Date: Monday, January 20, 2020 Sheet 23 of 55



Receiver & HAC

#### **UP 2IN1 Receiver OR SPK**

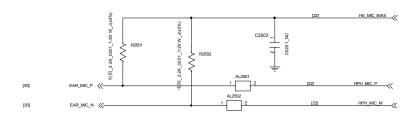


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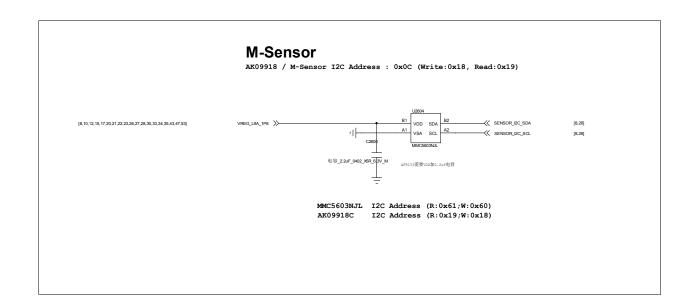
Title 24.AUDIO\_RCV\_SPK

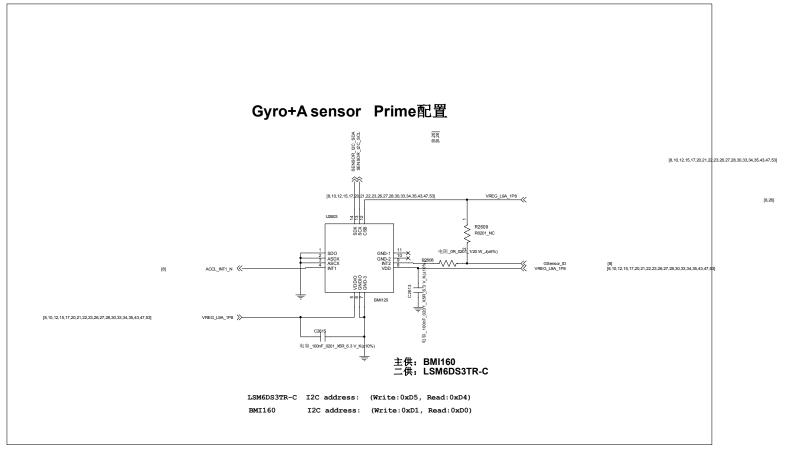
Size Project QL1863 Rev V1

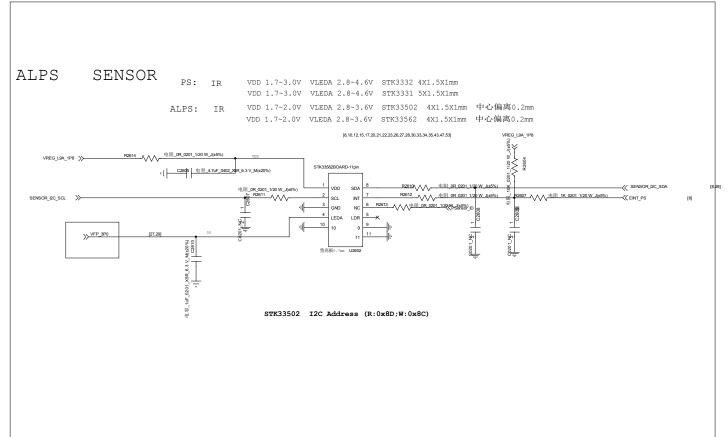
Date: Monday, January 20, 2020 Sheet 24 of 55

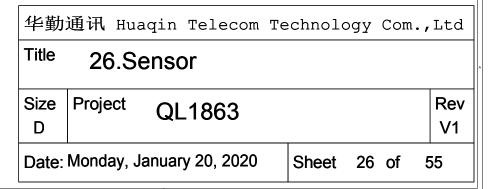


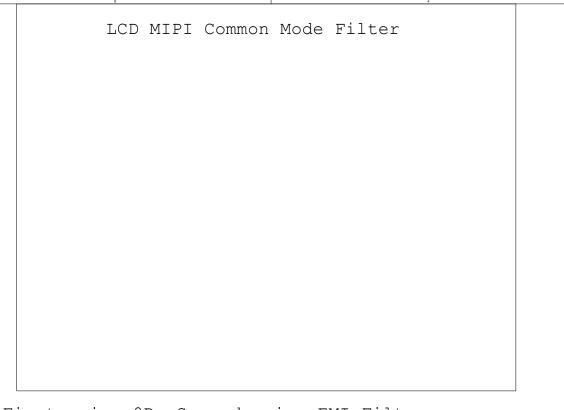
华勤.	通讯	Huaqin	Telecom	Те	chnol	ogy	Con	ı.,	Ltd
Title	25	.HEAD	SET						
Size D	Proje	ect QL	_1863						Rev V1
Date:	Monda	ay, Januar	y 20, 2020		Sheet	25	of	5	55

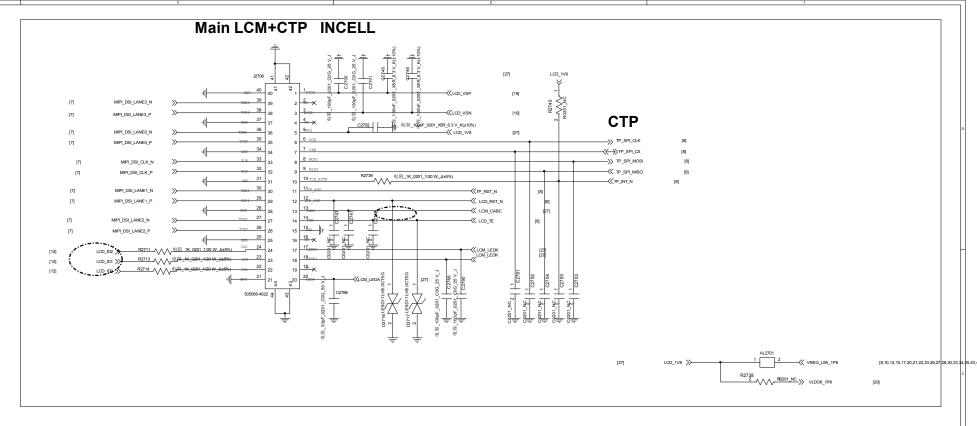






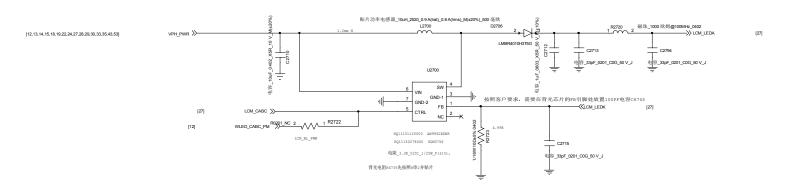




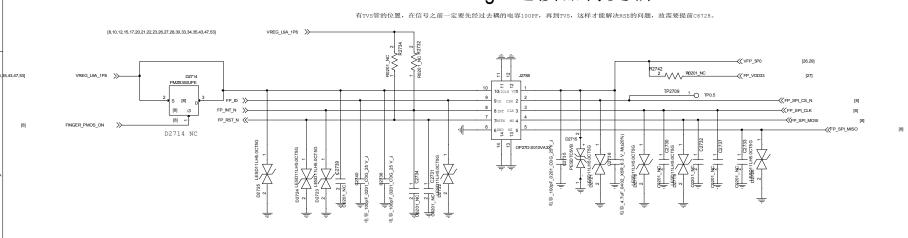


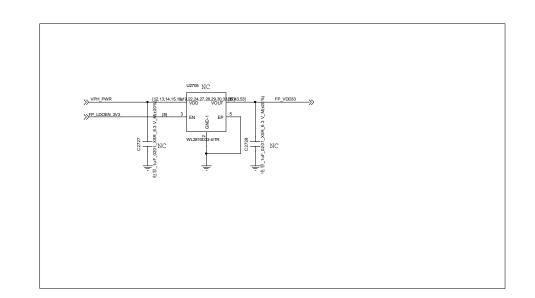
First using OR ,Second using EMI Filter.

LCD-BACKLIGHT



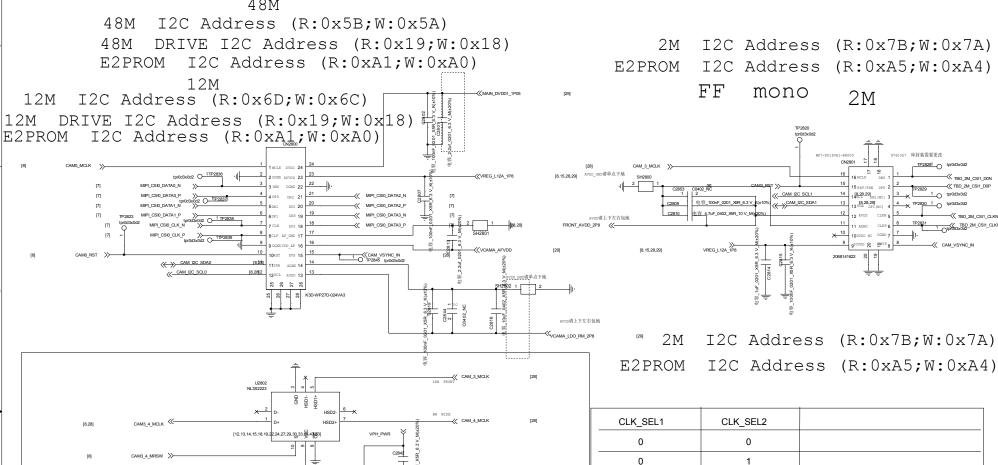
### Finger连接器待更新





华勤	通讯 Hu	aqin	Telecom	те	chnol	ogy	Com	٠,	Ltd
Title	27.L	CD_	FP_TP						
Size D	Project	QL	1863						Rev V1
Date: Monday, January 20, 2020 Sheet 27 of 5								55	

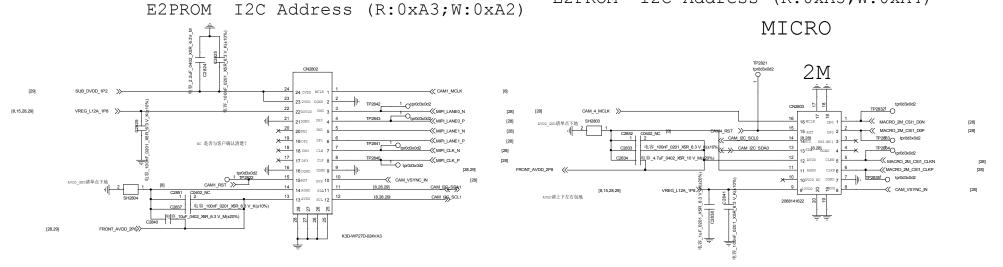




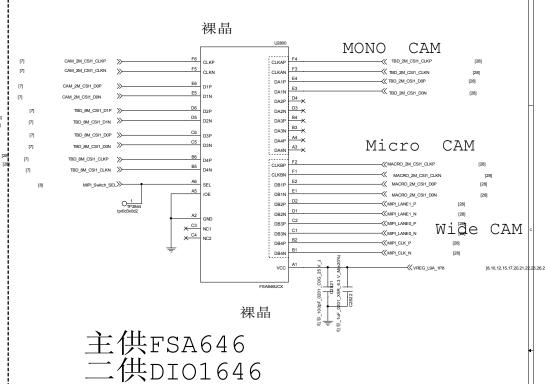
#### 8M WIDE

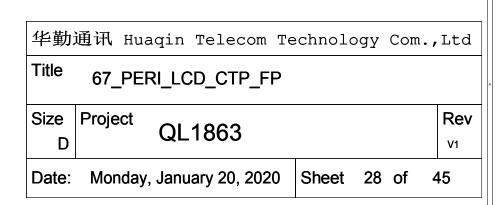
8M I2C Address (R:0x6D; W:0x6C)

2M I2C Address (R:0x6F;W:0x6E) E2PROM I2C Address (R:0xA5;W:0xA4)



## MIPI SWITCH

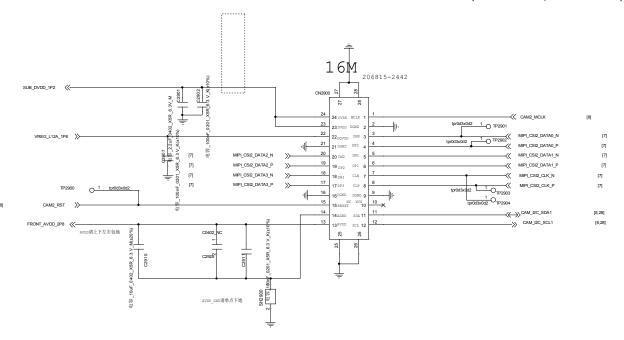




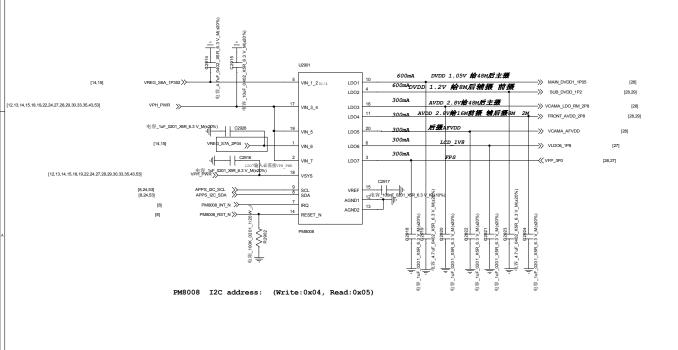
NT CAMERA

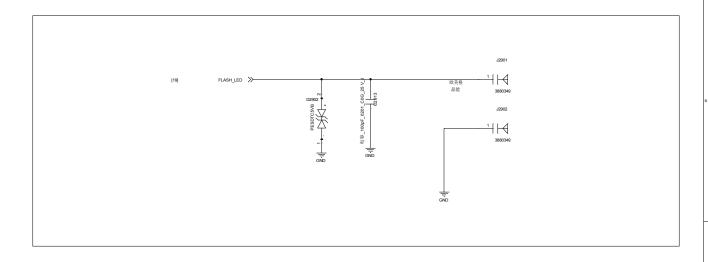
# Front Cameral

16M I2C Address (R:0x21;W:0x20)
16M E2PROM I2C Address (R:0xA9;W:0xA8)

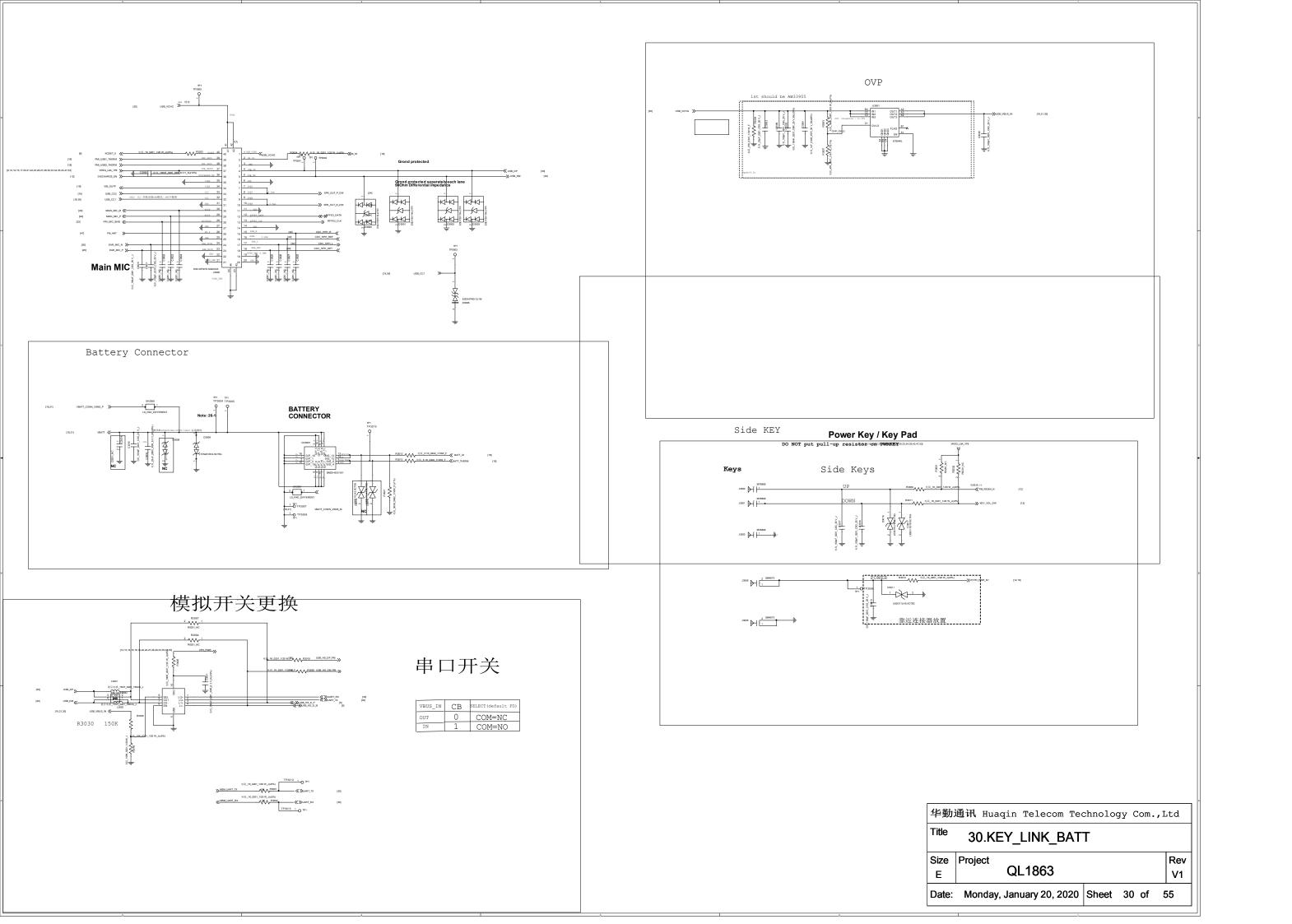


# 7Channel LDO 如使用7路LDO 不再使用GPIO扩展和多路LDO

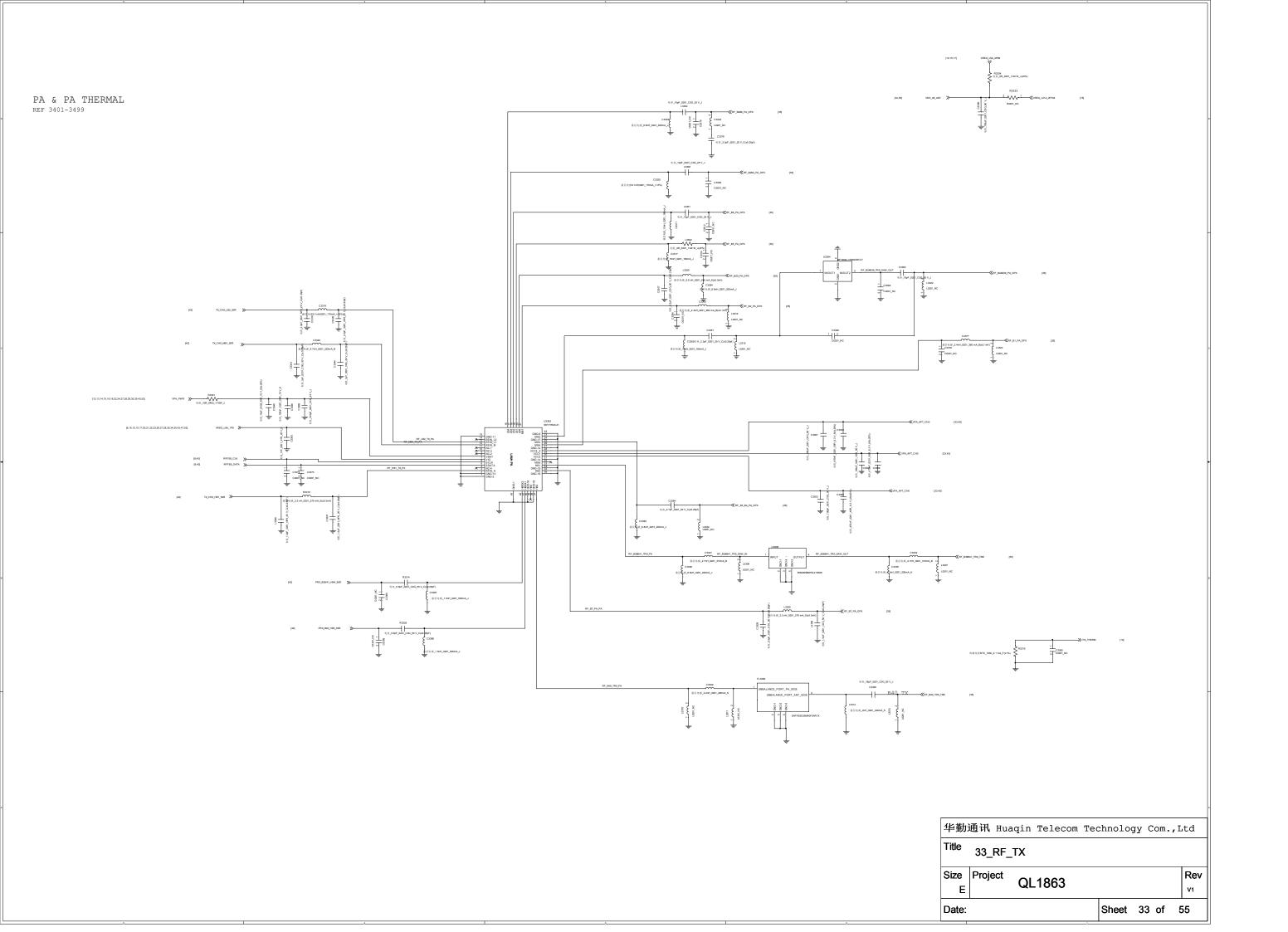


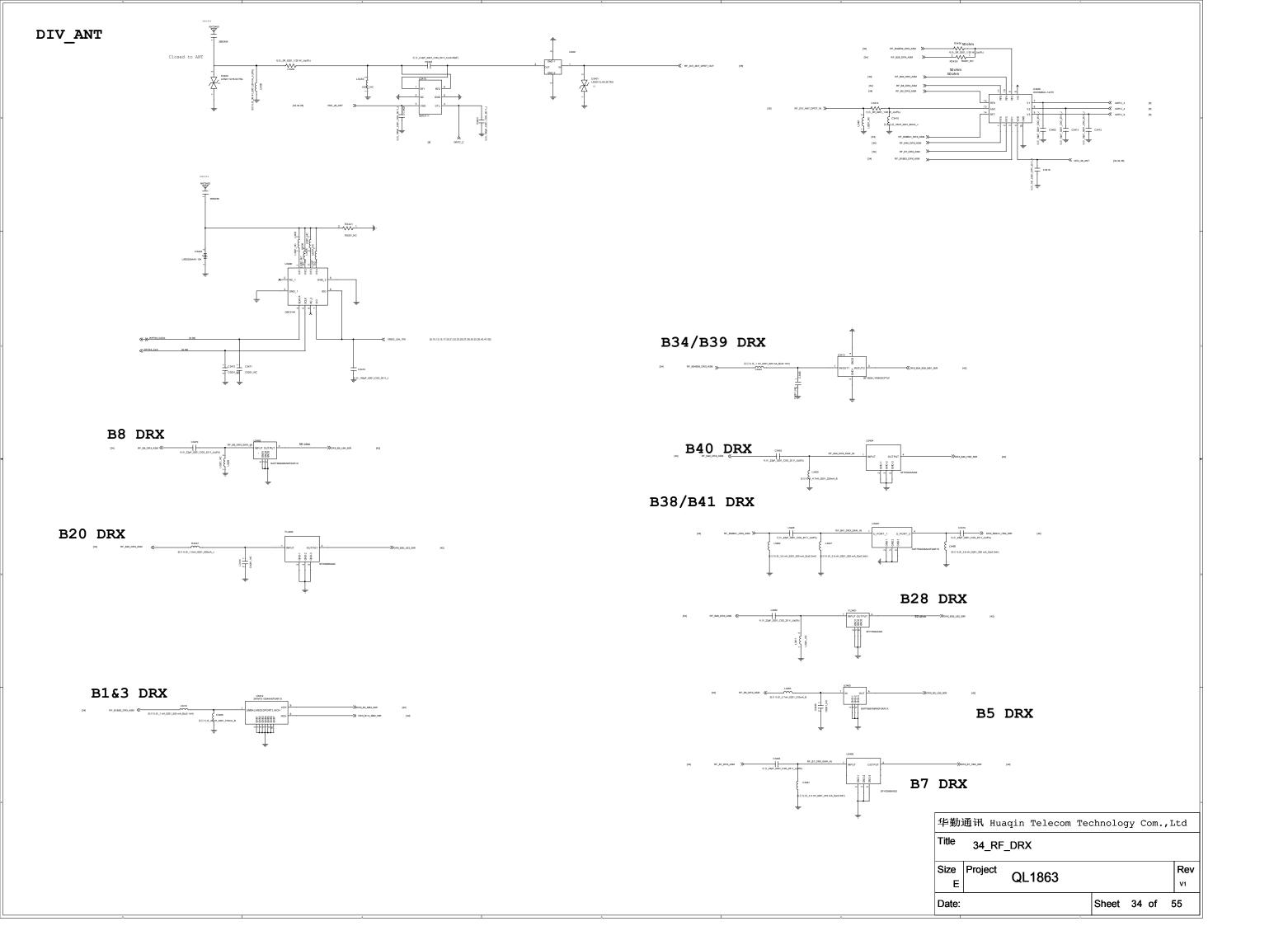


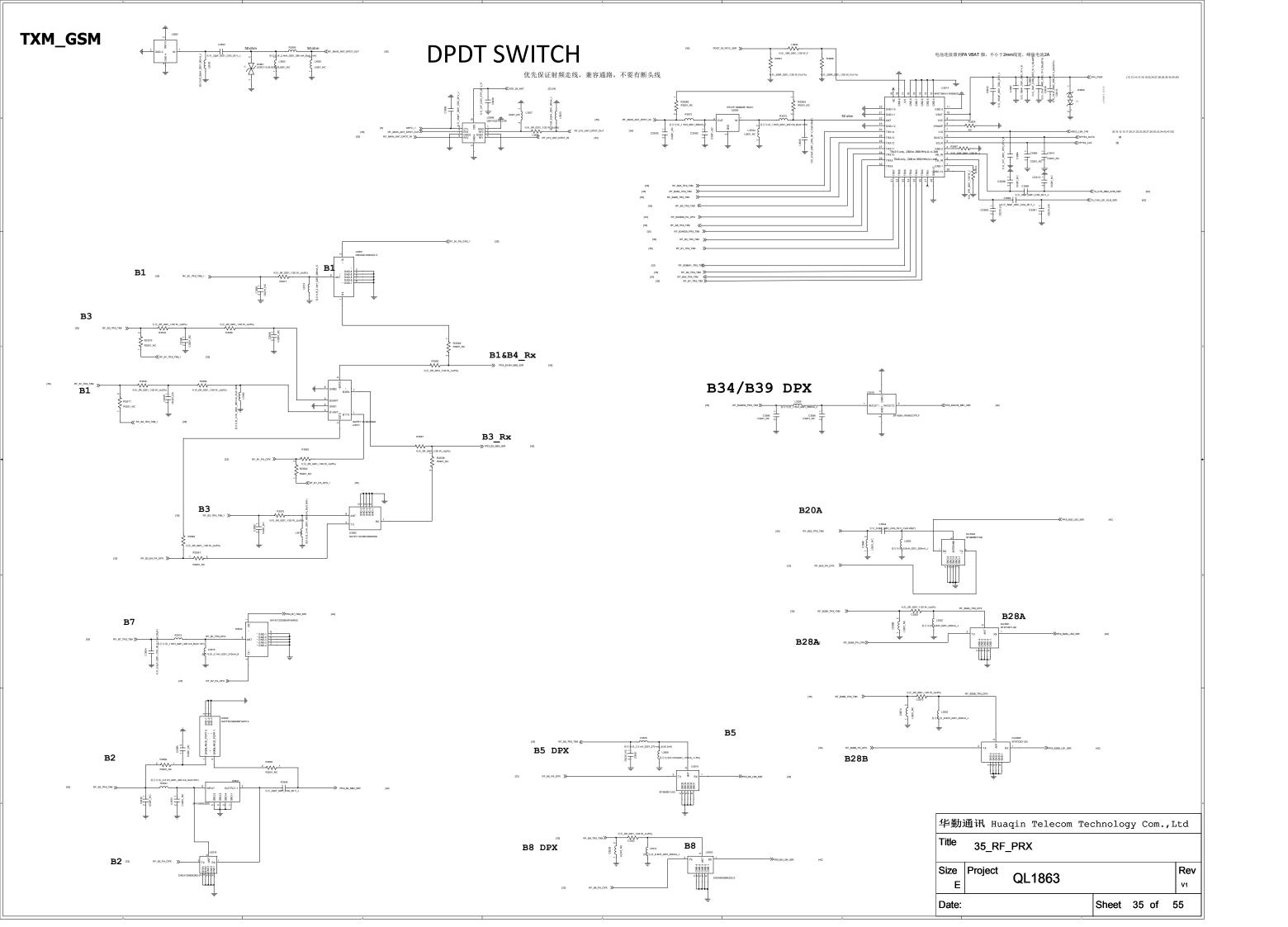
华勤	通讯 Huaqin Telecom Technology Com.	,Ltd
Title	67_PERI_LCD_CTP_FP	
Size D	Project QL1863	Rev v1
Date:	Monday, January 20, 2020 Sheet 29 of	45

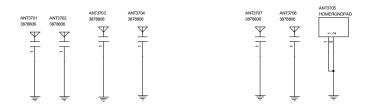


DTV REF 3101-3199 华勤通讯 Huaqin Telecom Technology Com.,Ltd Title 31.Reserve Size Project Rev QL1863 V1 Date: Monday, January 20, 2020 Sheet 31 of 55

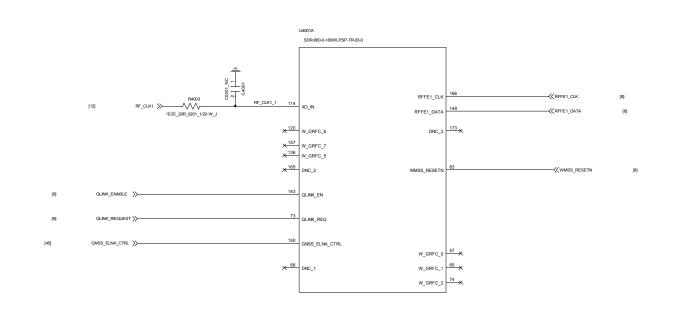


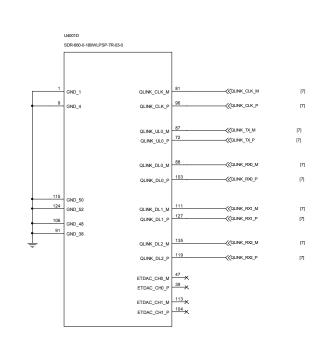




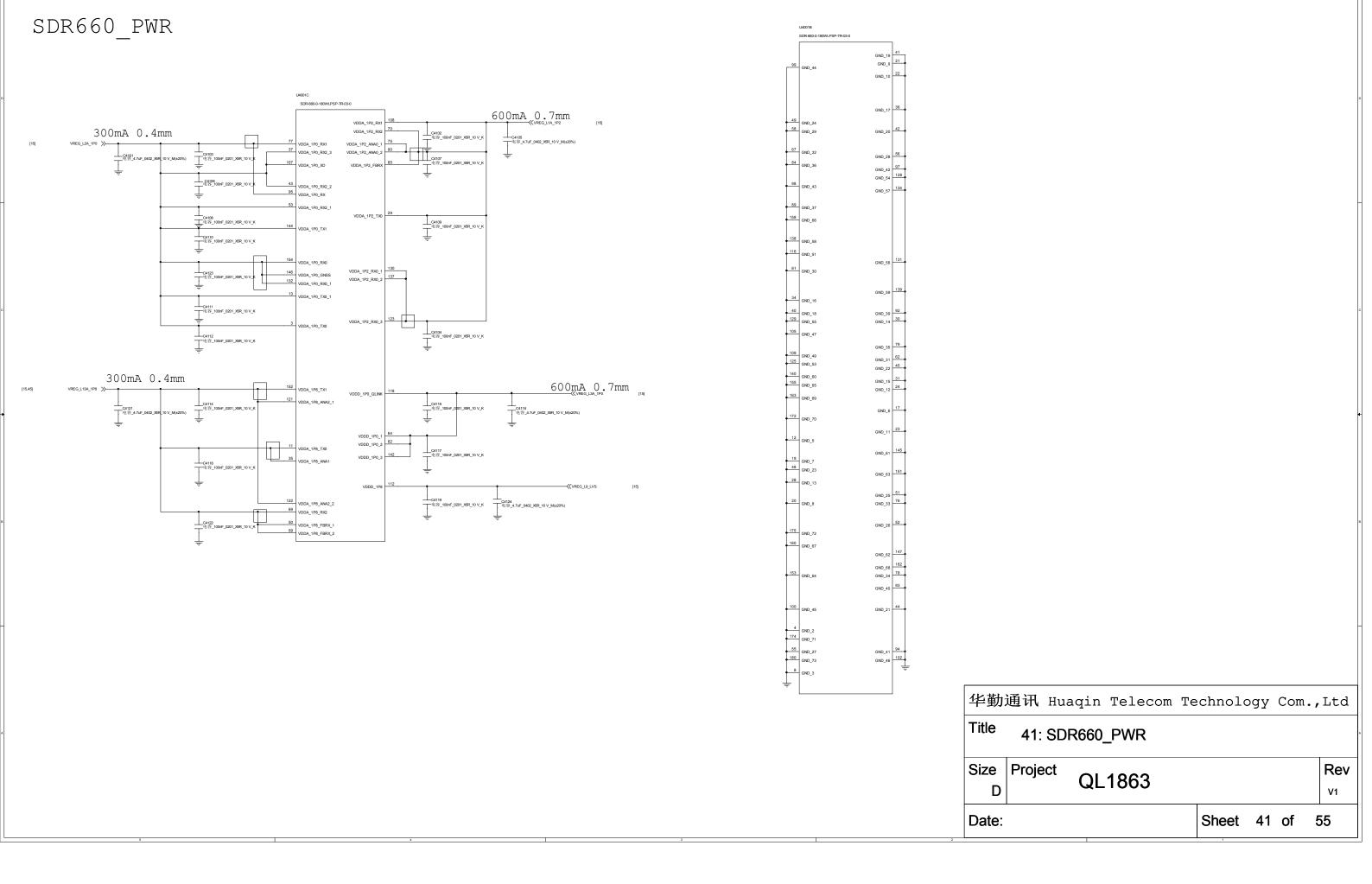


华勤	通讯 Hu	aqin	Telecom	Tec	chnol	ogy	Con	l.,	Ltd
Title	37.A	NT_	GND						
Size D	Project	QL	_1863						Rev V1
Date:					Sheet	37	of	5	55

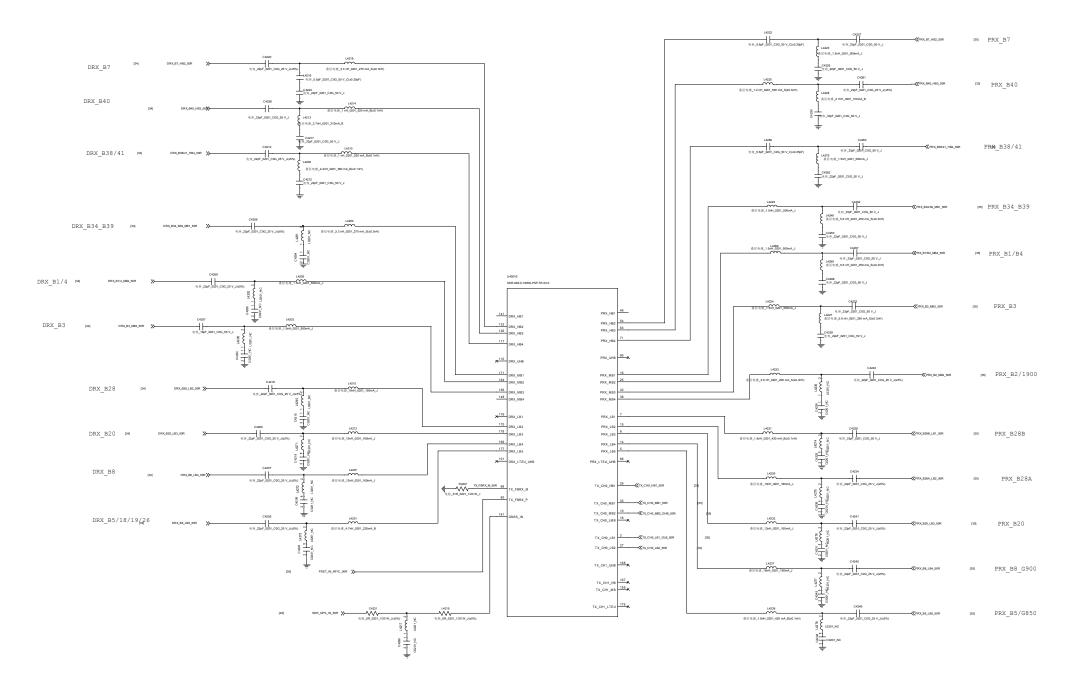




华勤	通讯	Huaqi	n Telec	om Te	echnol	ogy	Com	.,Ltd
Title	40:	SDR6	60_MSS					
Size D	Proje	ect C	QL1863					Rev v1
Date:					Sheet	40	of	55

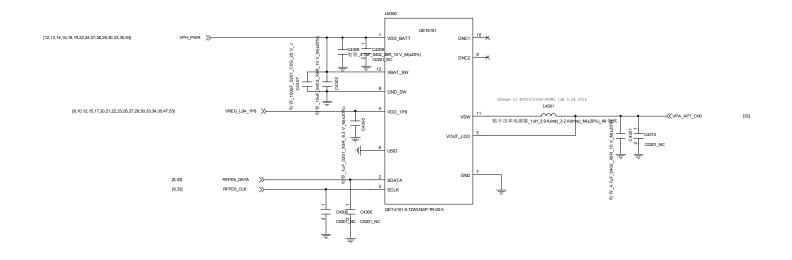


### SDR660\_DA/PRX/DRX/FBRX



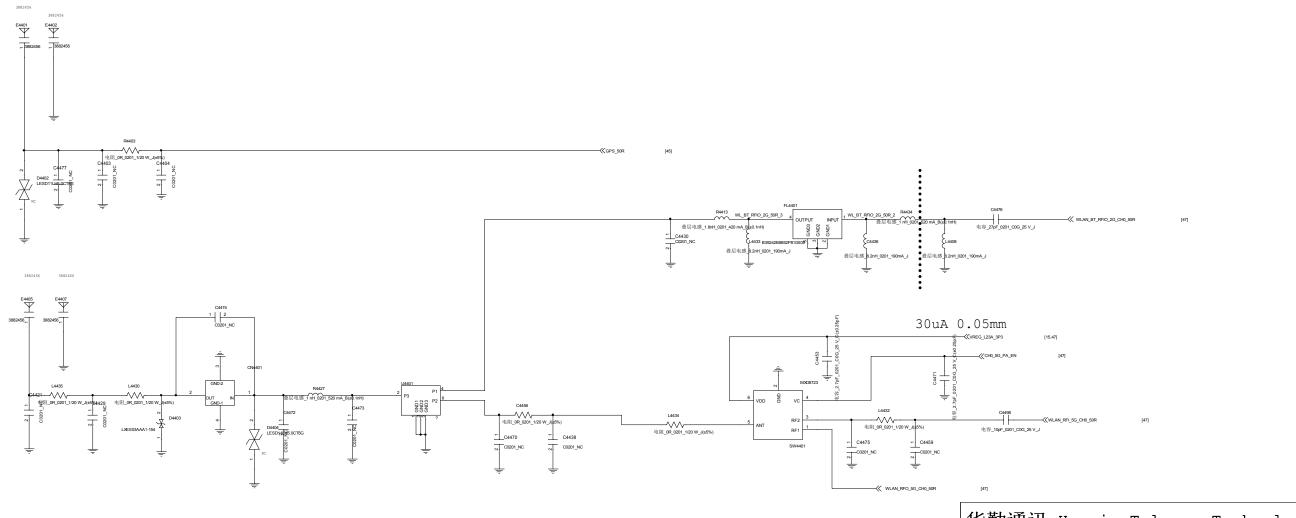
华勤	通讯 Hua	qin Te	lecom	Tec	hnolo	gy (	Com.	, L	td
Title	42: SDR6	60_DA/	PRX/DI	RX/F	BRX				
Size E	Project	QL18	863						Rev v1
Date:					Sheet	42	of	5	5

QET4101



华勤.	通讯	Huaqin	Telecom	Te	chnol	ogy	Com.	. ,	Ltd
Title	43: QI	FE4101							
Size D	Proje	ct QL	1863						Rev v1
Date:					Sheet	43	of	5	5

WIFI 2.4G/BT

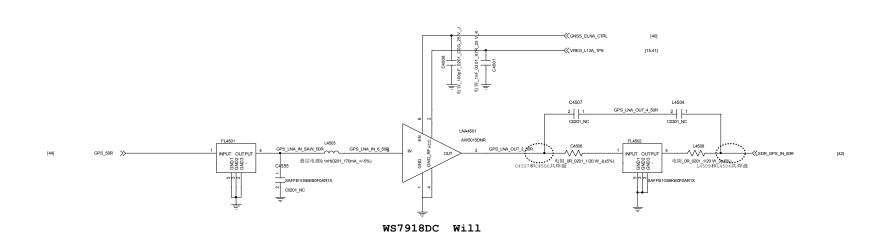


华勤通讯 Huaqin Telecom Technology Com.,Ltd

Title 44: WIFI\_2.4G & BT

Size Project QL1863 Rev v1

Date: Sheet 44 of 55



华勤通讯』	Huaqin	Telecom	Technolo	дĀ	Com.,	Ltd
Title 45: GP	PS .					
Size Project	t QL	1863				Rev v1
Date:			Sheet	45	of s	55

				PIN脚名称	PIN脚	电流大小	
	VDD33_FEM	2	1mA	VDD13 BT BB WL	26	120mA	
		56	15mA	VDD13_B1_BB_WE VDD13_WL_SYNTH_CH0	46	40mA	
	VDD18_IO			VDD13_WE_SINTH_CHO	5	15mA	
	VDD18_XTAL	32	60mA				
	_			VDD11D_PM	43	20mA	
				VDD13 FM	12	15mA	
WCN_3980				VDD13 BT FM BBPLL		10mA	
					4		D
				VDD13_BT_PM	29	20mA	
				VDD33 WL CH0	55	450mA	
			11DD 0				
			VDD3	3_WL_5GPA_DRV_CH0	61	70mA	
			7	DD33_WL_BT_DRV_CH0	34	65mA	
				VDD33_PM_DLDO	71	5mA	
				U4701C			
				WCN-3980-0-82BWLPSP-TR-0B-0			
Ut701A				्रें ≷ ≪BLOCKID>			
WCN-3960-0-820WLPSP-TR-08-0				VDD11D_PM <symname></symname>	GND_SEALRING1 82		
				4765	GND_SEALRING2		
X 27 WL RF_PDET_N_CHO 9				2 X5R_6	GND_SEALRING3 78		
[44] WLAN BT, RFID 2G CH0_50R >> 42 WL, BT RFID 2G CH0	[7]			1020	47		
[44] WLAN_EFF_SG_CHD_SOR > 75 WL_RF_LSG_CHD	[7] [10,15] VREG_L17A_1P3 >>	0.25mm - S		1	GND_ESD_0CH 47		
144) WLAN RFO SG CHD SOR >> CATOS BB WILL RFO SG CHD SOR		C4722		ண 등 VDD13_WL_SYNTH_CH0 린 린	66		
	₩L_Tx_BB_Q_N [7]	22 Zet		0_1mm 5 VDD13_BT_SYNTH GNI	GND_WL_BB_CH0 D_WL_5G_RXFE_CH0 81		С
R4706 10 WL_BB_QP_TX WL_BB_QP_TX WL_BB_NTX 73	₩L_Tx_BB_LN [7]	- 98		4	7.4		
80 T	WL_TX_BB_I_P [7]	7.4_绺	3 4 4 3	VDD13_B1_FW_BBPLL GP	ND_WL_5G_DRV_CH0 51 51		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	₩L.Fx.BB_Q_N [7]	₩	R_16	/ I D	GND_WL_5G_PA_CH0 67		
WL_BB_QP_RX	(WL_Rx_BB_Q_P [7]		4 5 7 5 7 5 7 5 8 8 8 8 8 8 8 8 8 8 8 8 8	1 × 2 × 2	GND_WL_BALUN_CH0 62		
37 YANG	£			T - T	GND WL 2G PA CHO 54		
[12] WOLFFCUZ_QUT >> 44 XTALI WI_BB_N_RX	WL_Rx_BB_I_N [7] [7] [7] [7] [7] [8,10,12,15,17,20,21,22,23,26,27,28,30,33,34,3	85,43,53] VREC	G_L9A_1P8 》	7 - 56 VDD18_IO GN	ND_WL_BT_DRV_CH0 48		
C4723   WL_BB_P_RX   25	WL_Rx_BB_I_P [7]	[10,15] VRE	G_L16A_1P8 >> = = = = = = = = = = = = = = = = = =	\$\frac{2}{3} \frac{1}{3} \frac{32}{3}  \text{VDD18_XTAL}  \text{GNI}	D_WL_BT_RXFE_CH0 35		
T_ 2_1	_ 2_08		X5R_42	20 19 19 19 19 19 19 19 19 19 19 19 19 19	GND_DIG 30		
			0402_X5 C4724 - 0201_X8	2471 C 24	GND_ISO 24		4
			22uF.	10.47 u	GND_IO 49		
	L * 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1		市举_	1.7世	GND_PM 65 GND_XTAL 38		
	-		-	3. 8. 4.			
LATIO2 [15,44]  FM_RX	VREG_L23A_3P3 >>-	0.75mm		- 1mn 01 VDD33_WL_5G_DRV_CH0 VDD33_PM_DLDO	GND_PDET GND_DPD_CH0 41		
M_RX	[30]				GND_DFD_CN0		
				0 1mm 34 VDD33_WL_CH0 VDD33_WL_BT_DRV_CH0	GND_BT_SYNTH 19		
世代, 24F 001 05 動 Cu 動 )		2	H	× 0.1mg	33		
100		.M(±20	3 V_M	M(±20°	GND_GP 21		
		4756	X5R.6.	T	ND_BT_FM_BBPLL_A		
		牵					В
		_0201		一	GND_FM_RXFE 6		
U4761B		Total	市		GND_FM_VCO 20		
WCN-3880-0428WLPSP-TR-GB-0		₽ 2	-	祖	<u> </u>		
<blockid> <synname></synname></blockid>							
1 PP COEX, CLK 76 COEX, CLK 77 COEX, CLK 77							
X 14   GP_N   COEX_DATA   77   WILAN_BT_COEX_DATA   79   77   WILAN_BT_COEX_DATA   79   77   WILAN_BT_COEX_DATA   79   77   77   WILAN_BT_COEX_DATA   79   77   77   77   77   77   77   7							
13 GP_OUT COEX_RXD 57 ———————————————————————————————————							
COEX_TXD 70							H
(8) WCALDART_EFR_N >> 0° CTS							
[8] WCM_LMATT_CTS_N >>							
[8] WCN_LIART_TX_N >>							
[8] WCN_UART_RY_N >> 8 TXD							
WL_BT_FEM_0 39				Monday, January 20, 2020			———
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				华勤通讯 Huaqin T	alacom Ta	chnology Com	T+4
				TENNENN IIUaqiii I	erecom red	CITIOTOGY COM.	, nca
25				Title			
WI_BT_FEM_3				LIUE			
[8] QCA_SB_CLK WL_BT_FEM_4 45 X				17. W/CVI			
[8] QCA_SB_CLK WL_BT_FEM_4 45 X				Title 47: WCN			A
[8] QCA_SB_CLK WL_BT_FEM_4 45 X							
[8] QCA_SB_CLK WL_BT_FEM_4 45 X				Size Project			Rev
[8] QCA_SB_CLK WL_BT_FEM_4 45 X				Size Project	863		Rev
[8] QCA_SB_CLK				Size Project OI 1	863		
[8] QCA_SB_CLK WL_BT_FEM_4 45 X				Size Project	863		Rev
[8] QCA_SB_CLK WL_BT_FEM_4 45 X				Size Project QL1		Oh 1	V1
[8] QCA_SB_CLK				Size Project OI 1		Sheet 47 of	

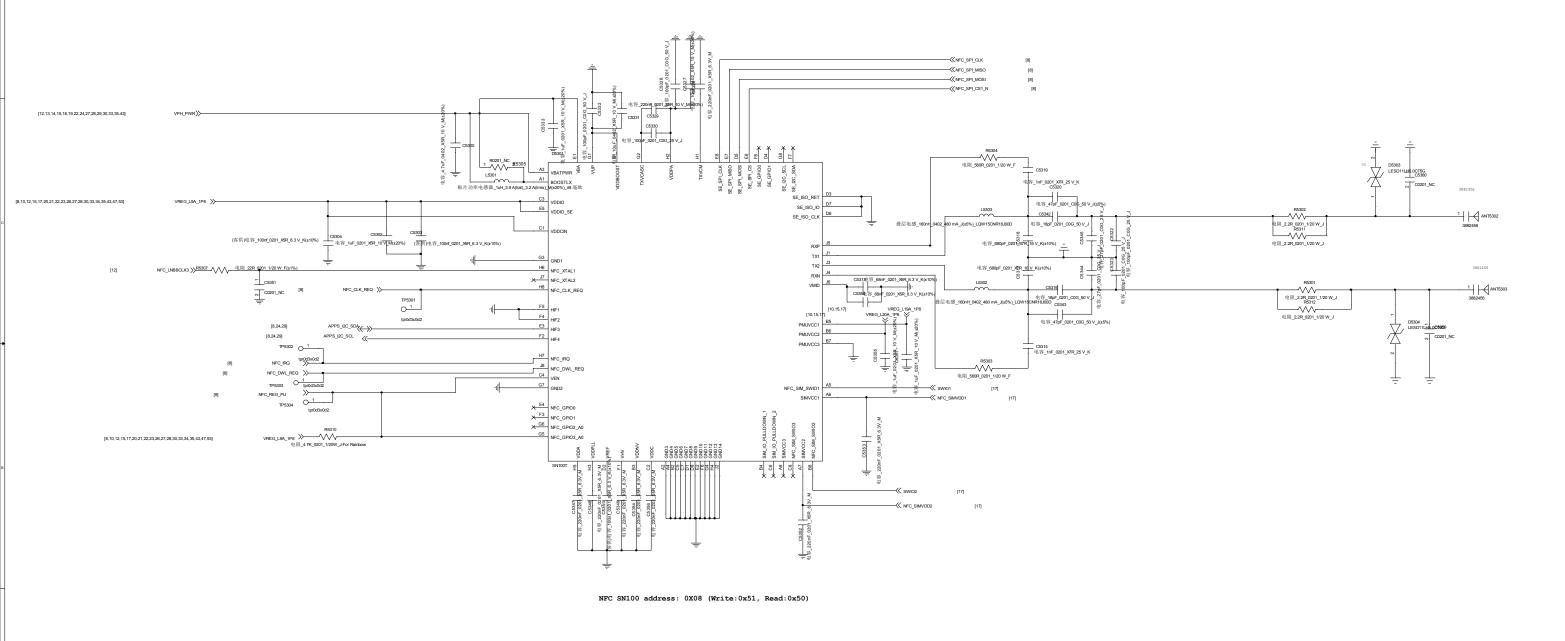
PIN脚名称

PIN脚

电流大小

```
1004: 删除R2800, C2803, C2808, R2805 (Sheet28) ---hero
0928:增加双前摄电路,双前摄电路同步信号待确认中----hero
                                                                     1004: 删除R2906, C2906, C2903, (Sheet29) ---hero
0929: 删除U1602 BOB相关电路----hero
                                                                     1004: 删除C3011, C3012, C3013, (Sheet30) ---hero
                                                                     1004: 删除R5308, R5309 (Sheet53) ---hero
0929: 删除B1801磁珠----hero
0929: 删除NFC时钟---hero
                                                                      1005: 更新CN2801库 (Sheet53) ---hero
                                                                      1005: 修改辅充充电方案 (Sheet 21) ---hero
 0929: 删除NFC电源----hero
1001: 更换主副板50PIN修改成40PIN的连接器(Sheet 30)----hero
1001: D1706, D1705, D1712 0402更改成0201封装 (Sheet 17) ----hero
                                                                      1022: CAM MIPI CS0与CS1整组交换,便于走线(Sheet28)---LZH
 1001: 增加闪光灯 Thermal NTC电路预留 (Sheet 12) ---hero
                                                                      1022: R2102更换为10k, R2104更换为47K (Sheet28) ---LZH
1001: 删除u2600 I2C测试点(Sheet 26) ---hero
                                                                      1031: 删除L3543,C3593,R3547,L3546,L3545,C3505(Sheet35)---ZLK
 1001: 增加u3008 USB模拟开关(Sheet 30) ---hero
                                                                      1031: 更改R3554为NC(Sheet35)---ZLK
1002: 删除D2713 TVS管 (Sheet 27) ---hero
                                                                       1031: 增加C3379 (Sheet33) ---ZLK
 1002: 删除TR1203 (Sheet 12) ---hero
                                                                      1102: 更改分集B1 及HB口位顺序(Sheet 42) --- ZLK
 1003: 增加C3098 (Sheet 30) ---hero
                                                                      1105: 新增C1826 C1827 220pF电容(从小板换到MB) ---LZH
 1003: 增加C3099 (Sheet 30) ---hero
                                                                       1105:R501删除; C501换成103---LZH
 1003: 增加C2788, C2789, C2790 (Sheet 27) ---hero
                                                                       1105:R881删除 ---LZH
 1003: 增加C2791, C2792, C2793 (Sheet 27) ---hero
                                                                       1105:R845改为上拉,删去R2304 TP2306 ---LZH
 1003: 增加C1216, C1217, C1218,, C1219, C1220, C1221 (Sheet 12) ---hero
                                                                       1105: C1066改为2.2UF---LZH
1003: 增加C1216, C1217, C1218, C1219, C1220, C1221 (Sheet 12) ---hero
                                                                      1105: C2012, C2013, C2014 1uf 换成1颗C2012 0402 435电容---LZH
1003: 增加C1824 (Sheet 18) ---hero
                                                                      1105: R3031 R3032 上拉电阻NC---LZH
 1003: R1214调整为并联位(Sheet 12) ---hero
                                                                       V3.0
 1003: 删除R4501,L4502 (Sheet 45) ---hero
                                                          1115: C1913改成0603 10uF 10V , c1909 c1911改成2个0402 4.7uF 10V---LZH
                                                           1116 PSENSOR ID增加R2613 ---LZH
1003: 删除C4428,C4429 (Sheet 44) ---hero
                                                                                                    优化B1/B3/B39分集口位设计 ---ZUR
                                                                                              1124
                                                           1116 删去C1305 ---LZH
1003: 删除U3002主板防烧电路, 防烧电路放KB (Sheet 30) ---hero
                                                                C3001靠近ovp 10PIN 放置 ---LZH
                                                           1118
1003: CAM上的RST测试点(Sheet 27/28)---hero
                                                                 删去多余的PTHO5 ---LZH
                                                           1118
 1004: 删除R846, R847, R848, R849 (Sheet 27/28) ---hero
                                                           1119
                                                                优化B1/B3分集口位设计 ---ZLK
                                                                                           华勤通讯 Huagin Telecom Technology Com., Ltd
                                                       1120 删去R508 ---LZH
 1004: 删除R846, R847, R848, R849 (Sheet 8) ---hero
                                                       1122增加TP501 ---LZH
 1004: 删除C1823 10PF电容 (Sheet18) ---hero
                                                                                                54 CHANGELIST
                                                       1122 修改 B1/B3 DRX net命名 ---ZLK
                                                       1123 增加R2304 ---LZH
1004: 删除R2606 , R2605, C2606 (Sheet26) ---hero
                                                       1123 C2012变更为软端子电容 ---LZH
                                                                                           Size | Project
                                                                                                                             Rev
                                                                                                     HOMER
1004: 删除R2791, R2792, R2793, D2701, D2702, D2703, D2704, D2705, C2703, C2704 (Sheet27) ---hero
                                                       1123 C2611删去 加R2611 ---LZH
1004: 删除C2790 (Sheet27) ---hero
                                                                                           Date: Monday, January 20, 2020
                                                                                                                 Sheet 53 of 55
                                                       1123 更新ANT3705库 ---LZH
```

型号	读地址	写地址	速率	
SN100T	0x51	0x50	standard mode:100K fast mode:400Khz fast+ mode:1Mhz high speed mode:3.	



华勤	通讯	Huaqin	Telecom	Technolo	эдУ	Com.	,Ltd
Title	53: NF	-C					
Size D	Proje	ct QL	1863				Rev v1
Date:				Sheet	53	of	55

```
0929:更新射频控制信号分配,包括RFFE,GRFC. -Kerwin
0929:更换WCN芯片为WCN3980,更改外围电路. -Kerwin 0929:更换WFC芯片为WN100T,更改外围电路. -Kerwin 0929:DRX QLNA Input B8更换到SW21.B5更换到SW23. -Kerwin
0930:增加WIFI测试座,U4401封装更换为镜像封装 -Kerwin
1003:2.4GWIFI增加外置PA兼容,增加SAR Sensor -Kerwin
1004:海枢更新精简后如下部分需要恢复 -Kerwin
1004:增加10pF电容C1823(Sheet18) -Kerwin
1004:增加100pF电容C2790,C2791,C2792,C2793,C2704,C2703(Sheet27) -Kerwin
1004:增加电阻预留R2800,R2805,R2811,R2812 (Sheet28) -Kerwin
1004:增加电阻预留R2906,R2908 (Sheet29) -Kerwin
1004:删掉上天线的空口检测,去除L3440, D3404, C3491, L3460, C3492, L3431 (Sheet34) -Kerwin
1004:L3438更换0201封装,增加C3496,L3466(Sheet34) -Kerwin
1006:刪除上4218,L4216,L4210,L4208,L4203,L4200,L4211,L4209,L4212,L4236
L4238,L4237,L4222,L4223,L4231,L4234,L4224,L4227,L4233,L4235,L4226,L4239
L424,L4240 (Sheet42) -Kerwin
1007:在最新的CA版本的原理上合入NCA的射频部分(Sheet34) -Kerwin
1009:删除上天线的空口检测,删除ANT3401,R3440(Sheet34) -Kerwin
1011:更改SDR660端口分配,精简开关 -Kerwin
1017:调整TXM端口分配,兼容912设计 -Kerwin
1101:MIPI并联电容默认NC,取消天线开关电源上串联电阻 -Kerwin
 1107:Tuner开关更换为QM13144 -Kerwin
 1108:QM13111 PIN2 NC改为接地 -Kerwin
 1125:.更换光距感U2602库---LZH
 1125:.增加C2226---LZH
 1125:.Y1201库更新---LZH
  V4.0
  1209:删去R4438---LZH
 1209:指纹处L9A 1P8上增加D2725---LZH
 1210:指纹信号串接R2741~R2747,7颗电阻---刘冶
 1212:增加C505电容---李珍华
 1213:增加电容C3474,电感L3465, L3464---久永
   V5.0
 1223: 指纹连接J2788 库更新为nemo一致---LZH
 1223: PM8008_RST_N增加R2902 100K下拉电阻---LZH
 1227: 增加C2425--LZH
0115: 预留下拉电阻R1220, 去掉R2107/R2108, 网络连接----LYH
0116: 去掉R2745 R2746 R2747 R2741 R2733 R2743 R2744----李跃华
0116: 去掉T2700 T2701 T2702 T2703 T2704
R2700 R2701 R2703 R2704 R2709
R2712 R2715 R2716 R2717 R2718----李跃华
0117: 去掉R2736 R2735 R2726 R2729 R2803 R2811 R2808 R2817 R2907 ,
R2742 换成NC属性电阻 ---李跃华
0117:去掉 R2203 ----LYH
0120:PIN脚VDDPX 5 网络VREG L9A 1P8换成VREG L19A 1P8----LYH
0120:删除C502 C503----LYH
0120:增加C1090 ----LYH
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华勤通讯 Huaqin Telecom Technology Com., Ltd

Title 55_CHANGELIST

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