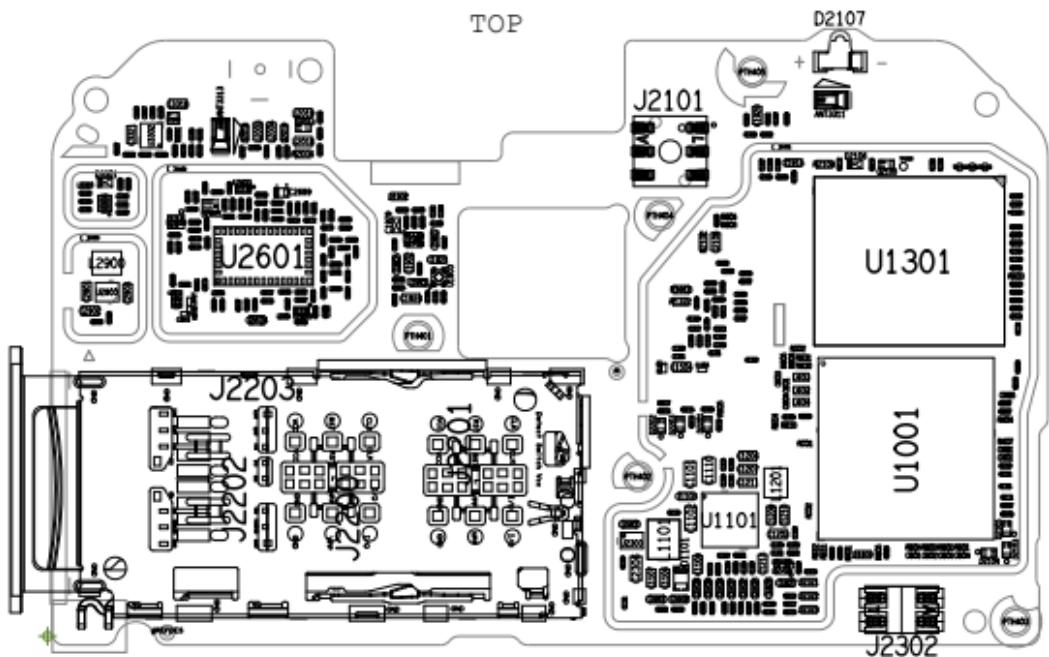
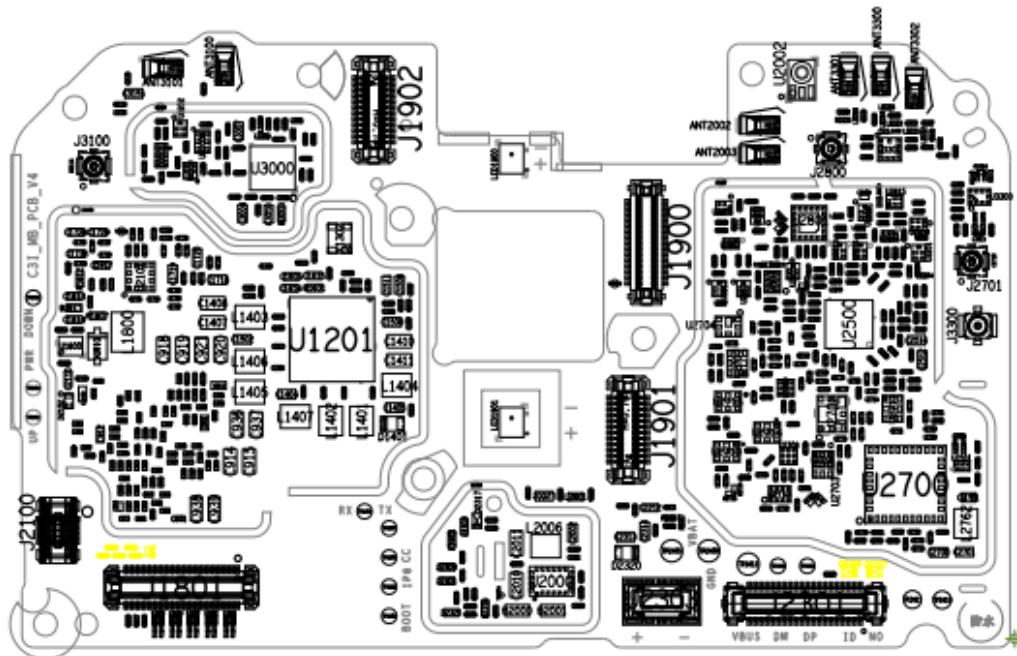


(VIETMOBILE.VN)



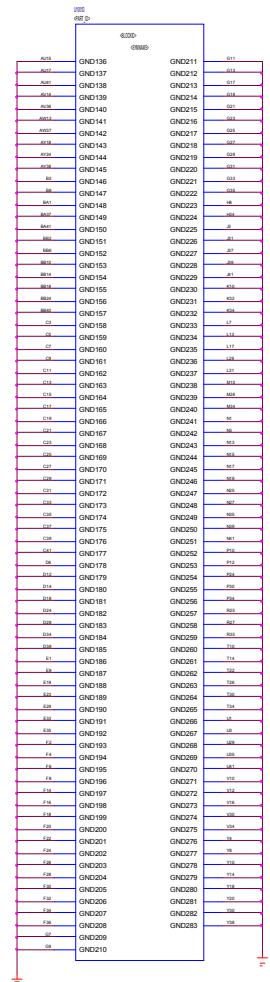
## Bottom

(VIETMOBILE.VN)



Bottom

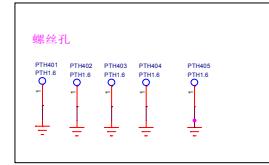
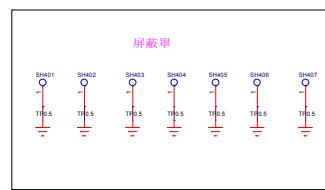
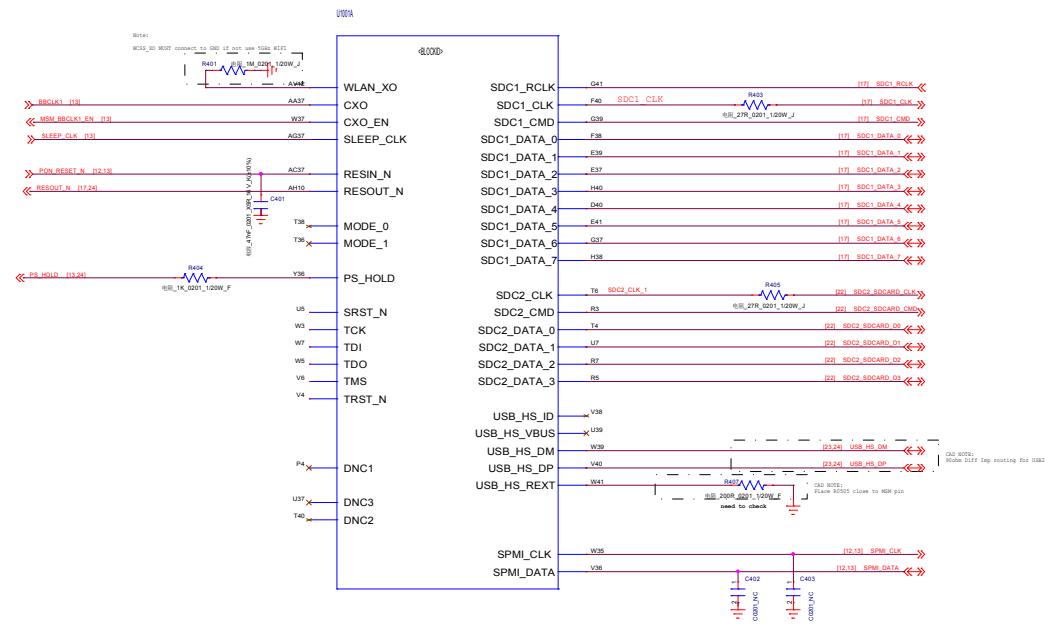
SDM439 GPIO Configuration For QRD439+PMI632					
GPIO_0	NFC_SPI_ESE_MOSI	GPIO_41		GPIO_82	FM_DATA
GPIO_1	NFC_SPI_ESE_MISO	GPIO_42	ACCL_INT1	GPIO_83	BT_CTL
GPIO_2	NFC_SPI_CS_N_0	GPIO_43	ALSP_INT_N	GPIO_84	BT_DATA
GPIO_3	NFC_SPI_ESE_CLK	GPIO_44	MAG_DRDY_INT	GPIO_85	FP_SPI_MOSI
GPIO_4	QUP_UART_TX_2	GPIO_45	GYRO_INT	GPIO_86	FP_SPI_MISO
GPIO_5	QUP_UART_RX_2	GPIO_46		GPIO_87	FP_SPI_CS
GPIO_6	WSA_SMB_I2C_SDA	GPIO_47	SENSOR_SPI_CS2_N	GPIO_88	FP_SPI_CLK
GPIO_7	WSA_SMB_I2C_SCL	GPIO_48	FP_INT_N1	GPIO_89	
GPIO_8	TP_SPI_MOSI	GPIO_49	UIM_BATT_ALARM	GPIO_90	
GPIO_9	TP_SPI_MISO	GPIO_50		GPIO_91	KEY_VOL_UP_N
GPIO_10	TP_SPI_CS_SDA	GPIO_51	UIM1_DATA	GPIO_92	
GPIO_11	TP_SPI_CLK_SCL	GPIO_52	UIM1_CLK	GPIO_93	NFC_ESE_PWR_REQ
GPIO_12	WSA_INTR	GPIO_53	UIM1_RESET	GPIO_94	WSA_IO_DATA
GPIO_13	LCD_ID	GPIO_54	UIM1_PRESENT	GPIO_95	WSA_IO_CLK
GPIO_14	SENSOR_I2C_SDA	GPIO_55	UIM2_DATA	GPIO_96	WSA_EN
GPIO_15	SENSOR_I2C_SCL	GPIO_56	UIM2_CLK	GPIO_97	HomeKey_FP_INT
GPIO_16	NFC_DISABLE	GPIO_57	UIM2_RESET	GPIO_98	
GPIO_17	NFC_IRQ	GPIO_58	UIM2_PRESENT	GPIO_99	
GPIO_18	NFC_I2C_SDA	GPIO_59		GPIO_100	RFFE1_CLK
GPIO_19	NFC_I2C_SCL	GPIO_60	LCD0_RESET_N	GPIO_101	RFFE1_DATA
GPIO_20	SENSOR_SPI_MOSI	GPIO_61	SMB_INT	GPIO_102	RFFE2_CLK
GPIO_21	SENSOR_SPI_MISO	GPIO_62		GPIO_103	RFFE2_DATA
GPIO_22	SENSOR_SPI_CS0_N	GPIO_63		GPIO_104	
GPIO_23	SENSOR_SPI_CLK	GPIO_64	TP_RST_N	GPIO_105	
GPIO_24	LCD_TE0	GPIO_65	TP_INT_N	GPIO_106	
GPIO_25	WSA_MCLK	GPIO_66		GPIO_107	GRFC3_SEL
GPIO_26	CAM_MCLK0	GPIO_67	SDCARD_DET_N	GPIO_108	
GPIO_27	CAM_MCLK1	GPIO_68		GPIO_109	GRFC5_SEL
GPIO_28		GPIO_69	CDC_PDM_CLK	GPIO_110	GRFC6_SEL
GPIO_29	CAM_I2C_SDAO	GPIO_70	CDC_PDM_SYNC	GPIO_111	GRFC7_SEL
GPIO_30	CAM_I2C_SCL0	GPIO_71	CDC_PDM_TX	GPIO_112	GRFC8_SEL
GPIO_31	CAM_I2C_SDA1	GPIO_72	CDC_PDM_RX0	GPIO_113	GRFC9_SEL
GPIO_32	CAM_I2C_SCL1	GPIO_73	CDC_PDM_RX1	GPIO_114	GRFC10_SEL
GPIO_33		GPIO_74	CDC_PDM_RX2	GPIO_115	
GPIO_34	FLASH_STROBE_NOW	GPIO_75	BT_SSBI	GPIO_116	
GPIO_35	CAM_AVDD_LDO_EN	GPIO_76	WL_CMD_DATA_2	GPIO_117	
GPIO_36	MCAM_RST_N	GPIO_77	WL_CMD_DATA_1	GPIO_118	EXT_GPS_LNA_EN
GPIO_37	FORCE_USB_BOOT	GPIO_78	WL_CMD_DATA_0	GPIO_119	CHO_GSM_TX_PHASE_D0
GPIO_38	SCAM_RST_N	GPIO_79	WL_CMD_SET	GPIO_120	RFFE5_CLK
GPIO_39		GPIO_80	WL_CMD_CLK	GPIO_121	RFFE5_DATA
GPIO_40		GPIO_81	FM_SSBI	GPIO_122	

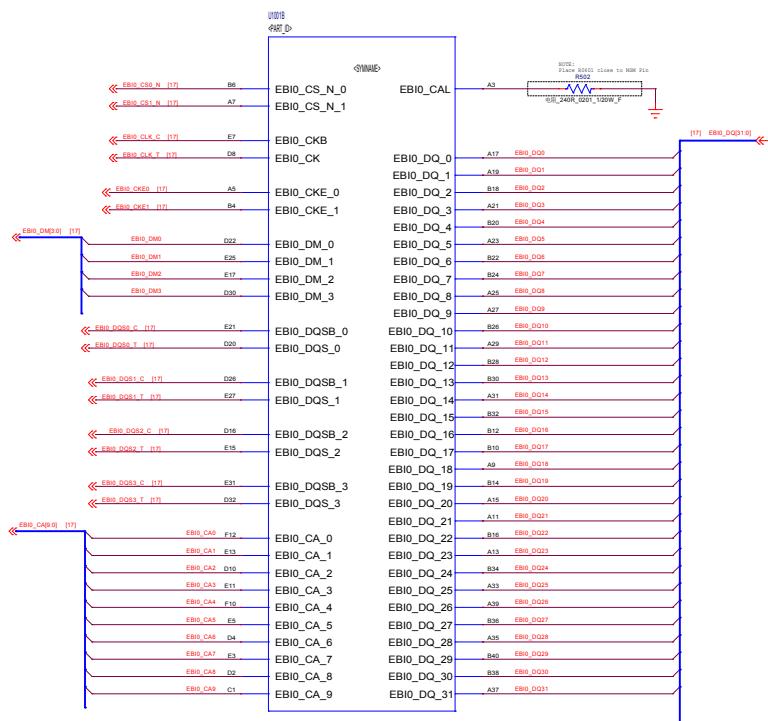


GPIO_123			
GPIO_124	FP_RESET		
GPIO_125			
GPIO_126			
GPIO_127			
GPIO_128			
GPIO_129			
GPIO_130	NFC_DWL_REQ		
GPIO_131			
GPIO_132	RCM_MARKER1		
GPIO_133	RCM_MARKER2		

PMI632 GPIO/MPP Configuration			
GPIO_1	CONNECTOR_THERMAL	GPIO_5	FLASH_STROBE_NOW
GPIO_2	SMB_PARALLEL_CHG_EN	GPIO_6	NEBULA_PWM
GPIO_3	SKIN_THEREMAL	GPIO_7	SMB_VCHG_P
GPIO_4	SMB_THEREMAL	GPIO_8	SMB_VCHG_M

PM439 GPIO/MPP Configuration			
GPIO_1		MPP_1	VDD_PX_BIAS_MPP_1
GPIO_2	NFC_CLK_REQ		
GPIO_3	UIM_BATT_ALARM	MPP_3	VREF_DAC_MPP_3
GPIO_4	WLED_EN	MPP_4	QUIET_THERM_TP_LED_K
GPIO_5			
GPIO_6			
GPIO_7			
GPIO_8	LCM_BL_PWM		





SDM439 FBI

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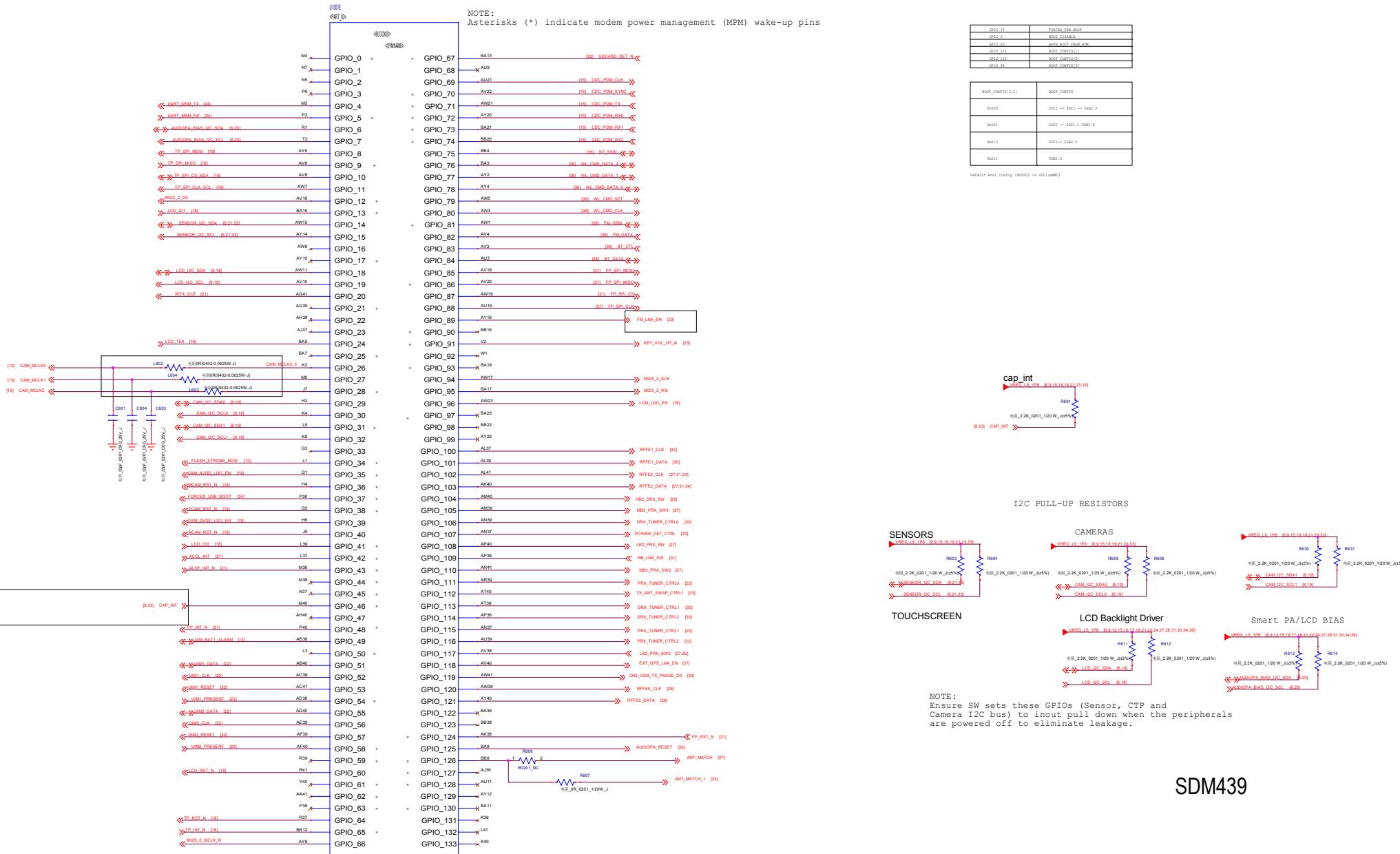
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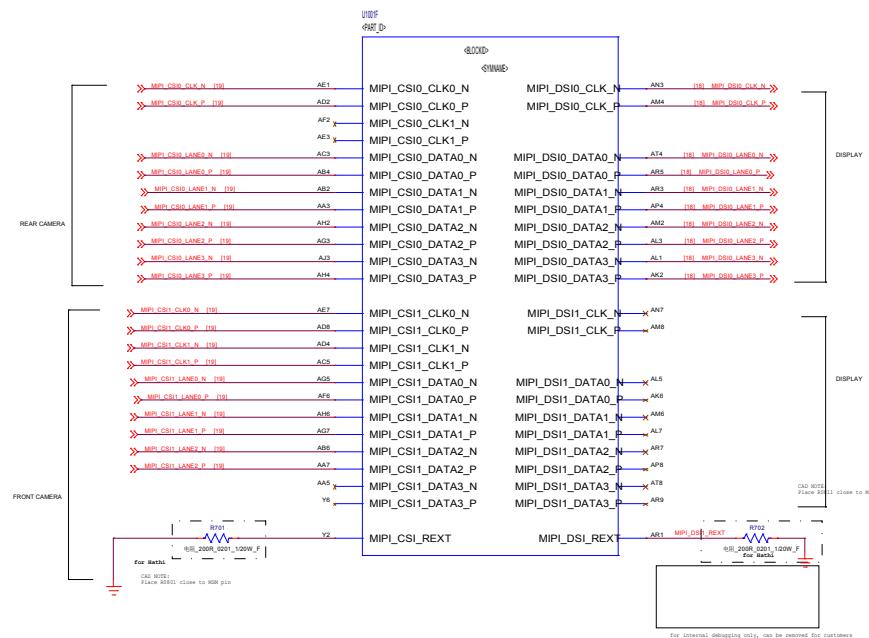


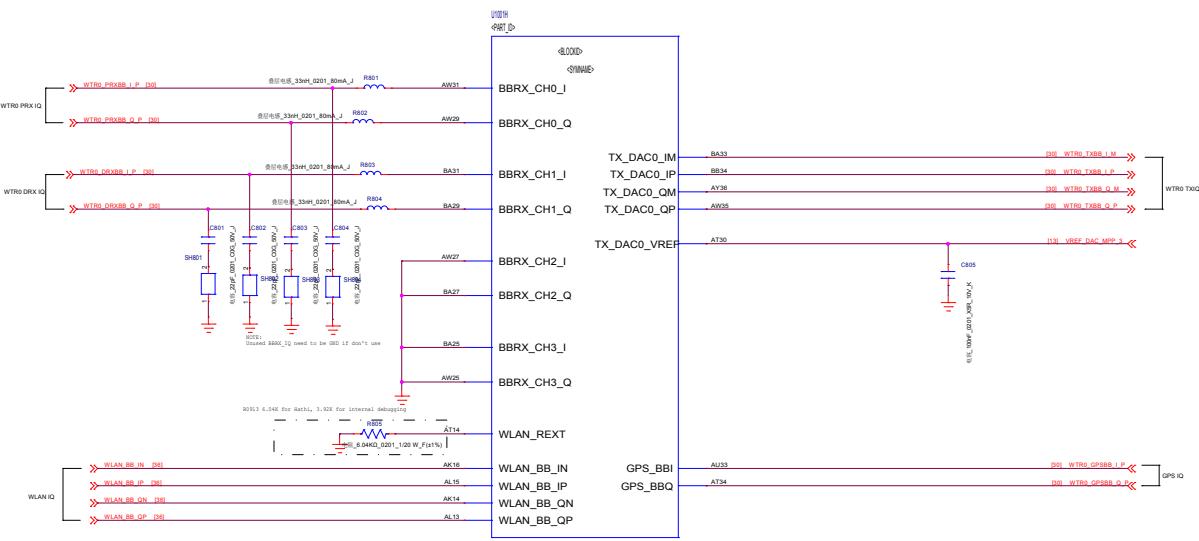
**QUALCOMM Technologies, Inc.**  
5775 Morehouse Drive  
San Diego, CA 92121-1714

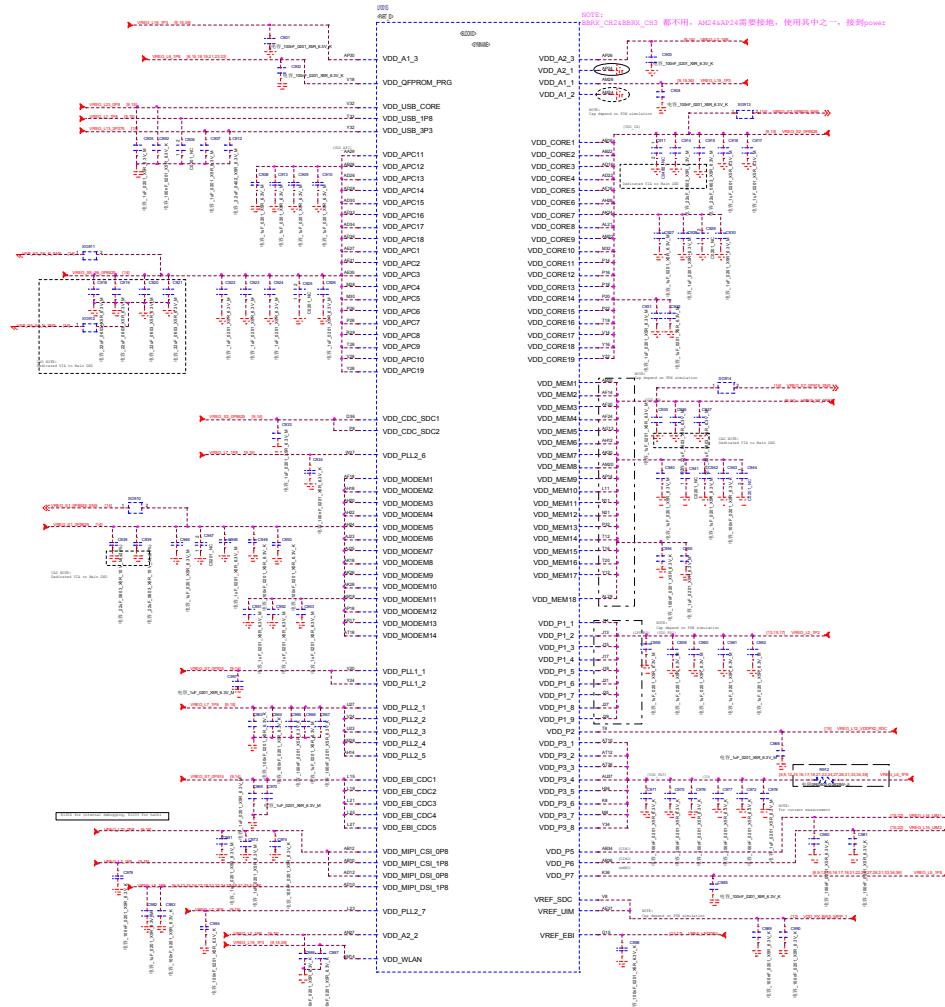
RED Title SCHEMATIC, CCA, MAIN, QRD438\_2-4-2, EVT1.0  
Size Sheet Name LD26-PF623  
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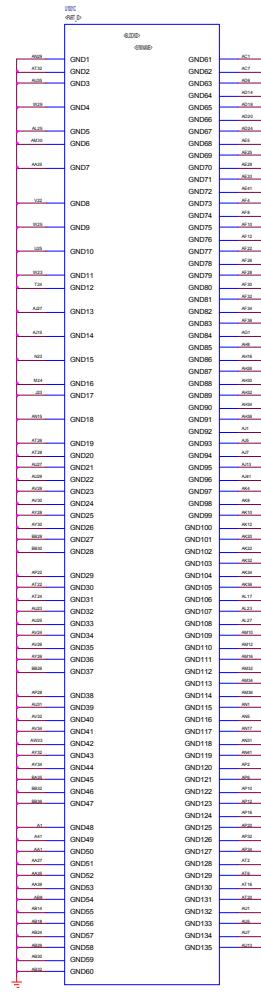


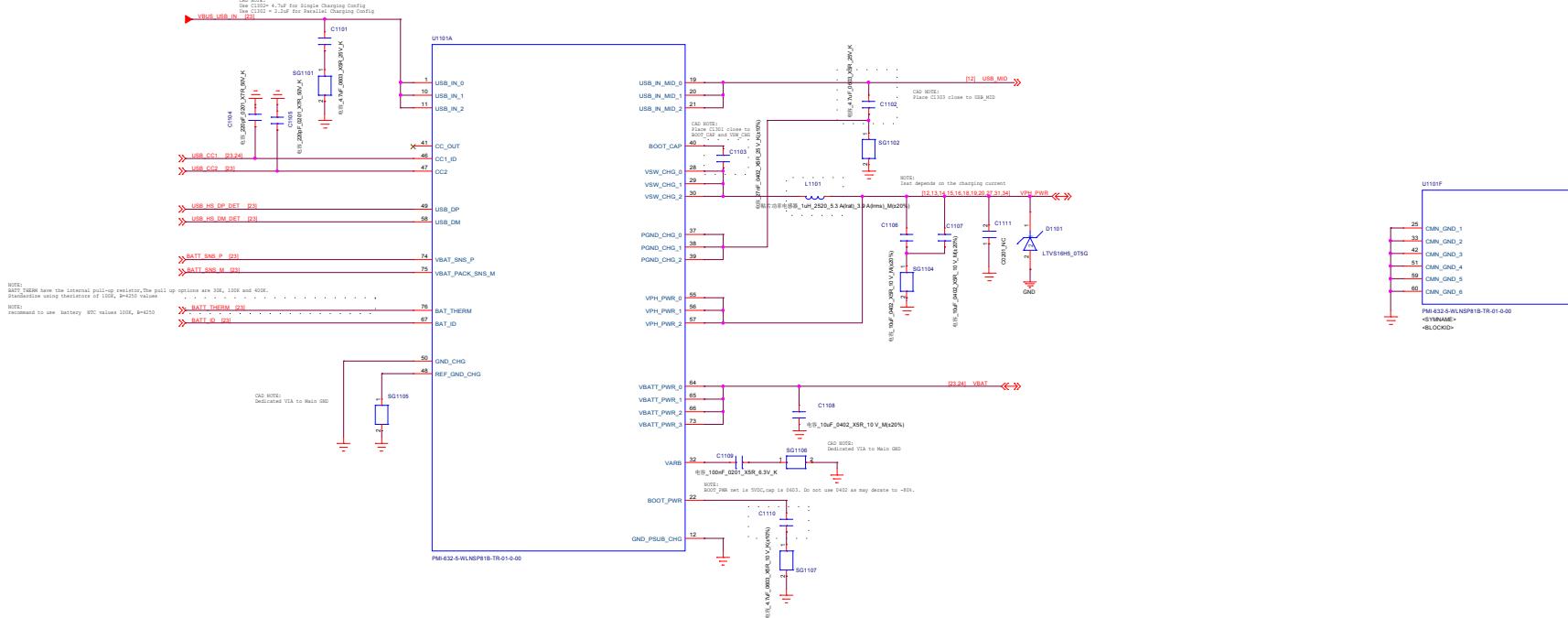
**NOTE:**  
Ensure SW sets these GPIOs (Sensor, CTP and Camera I2C bus) to inout pull down when the peripherals are powered off to eliminate leakage.

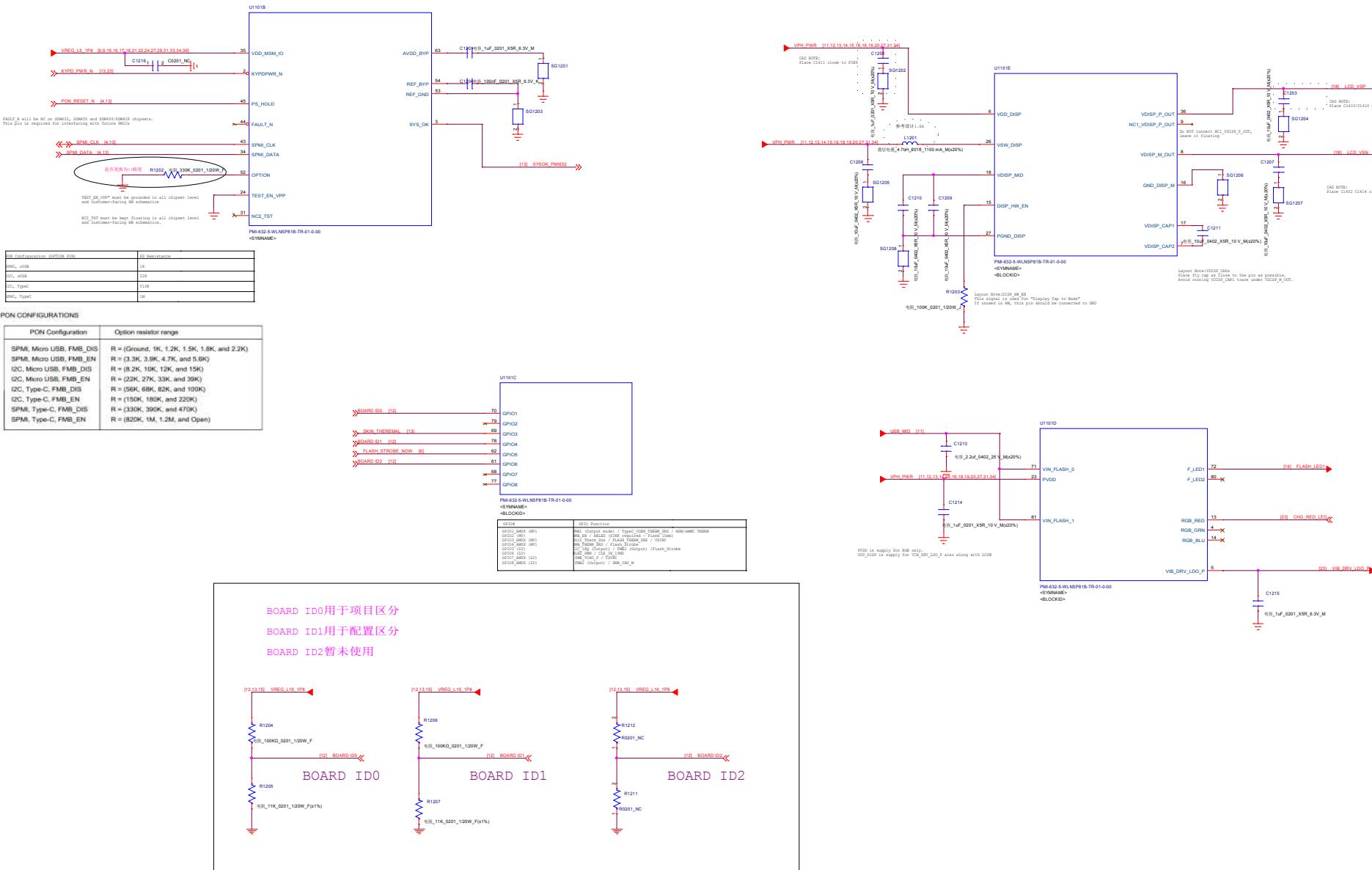


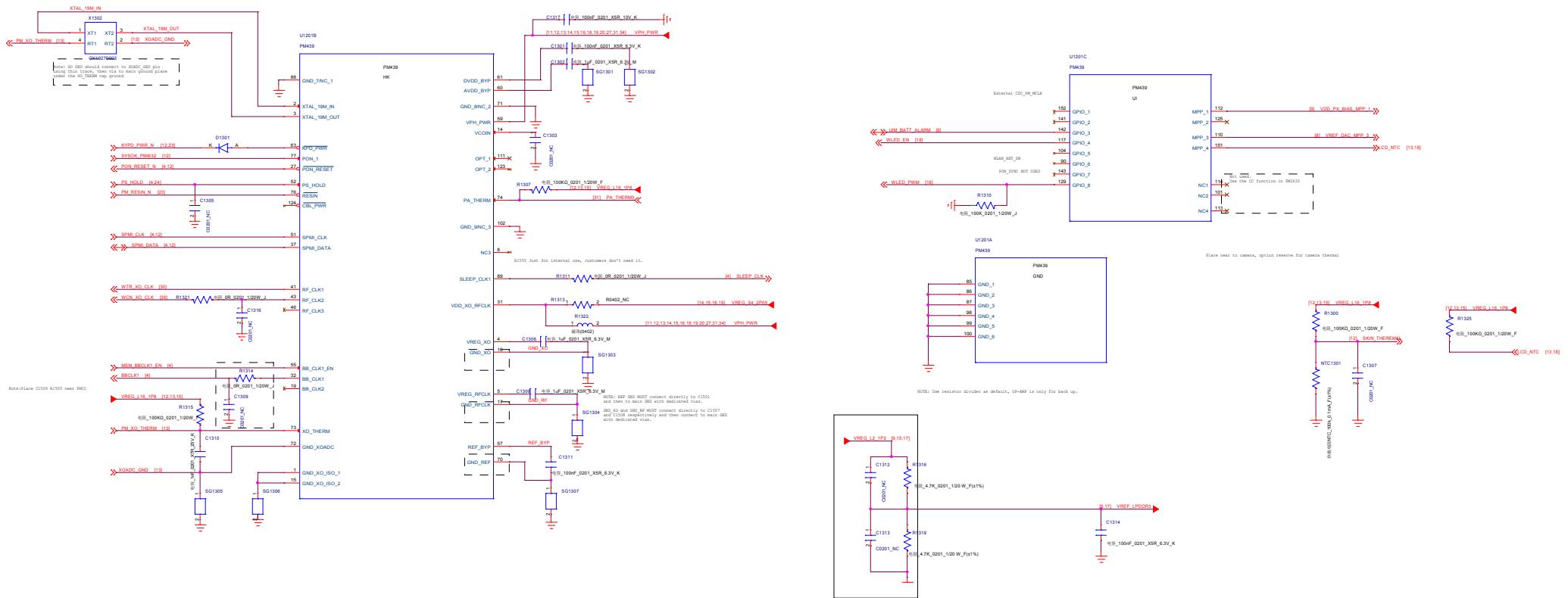


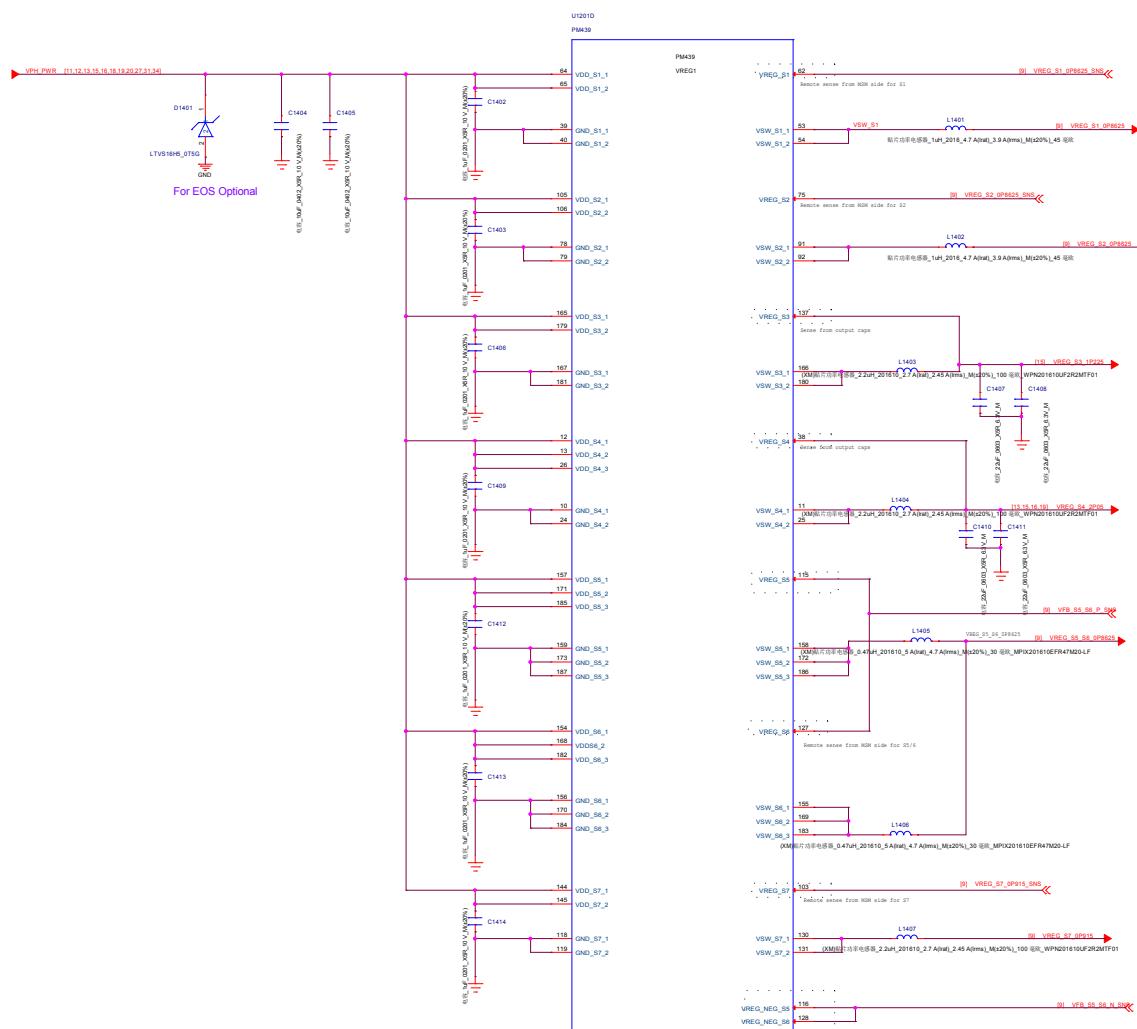


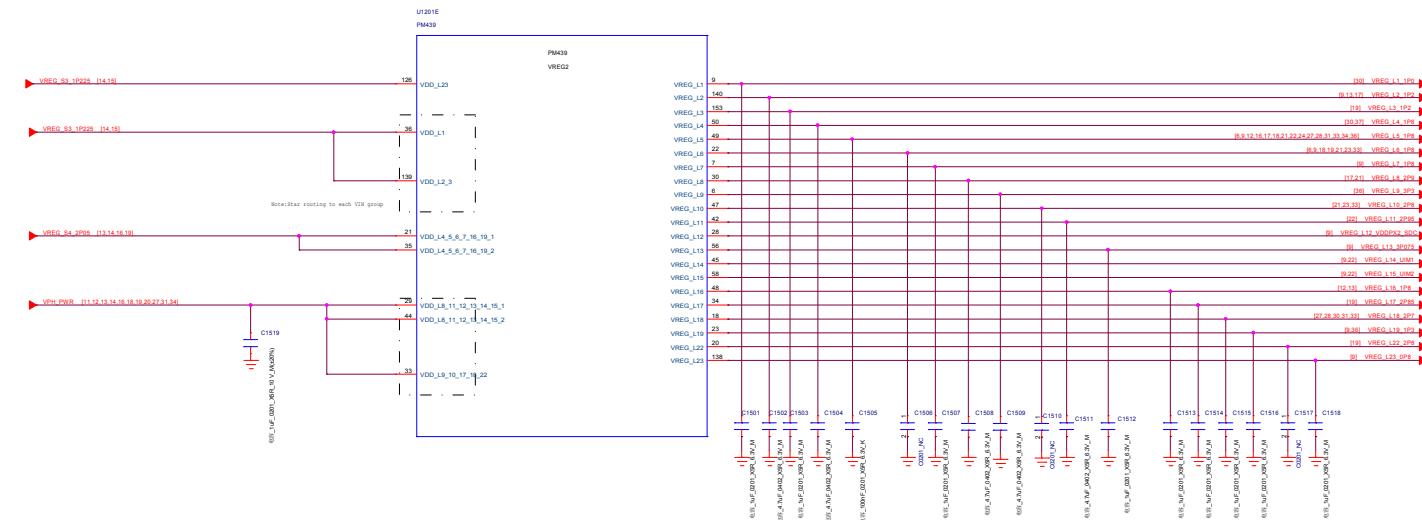


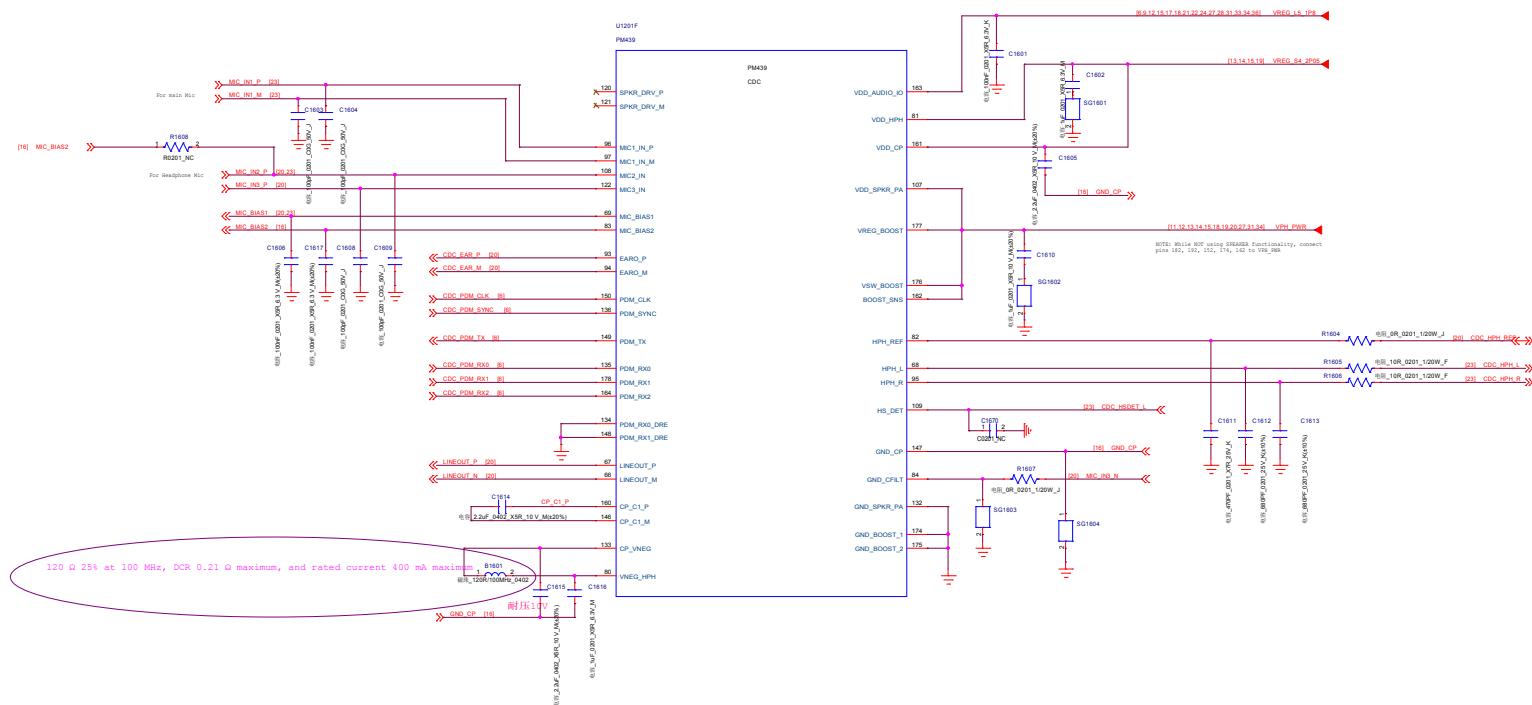


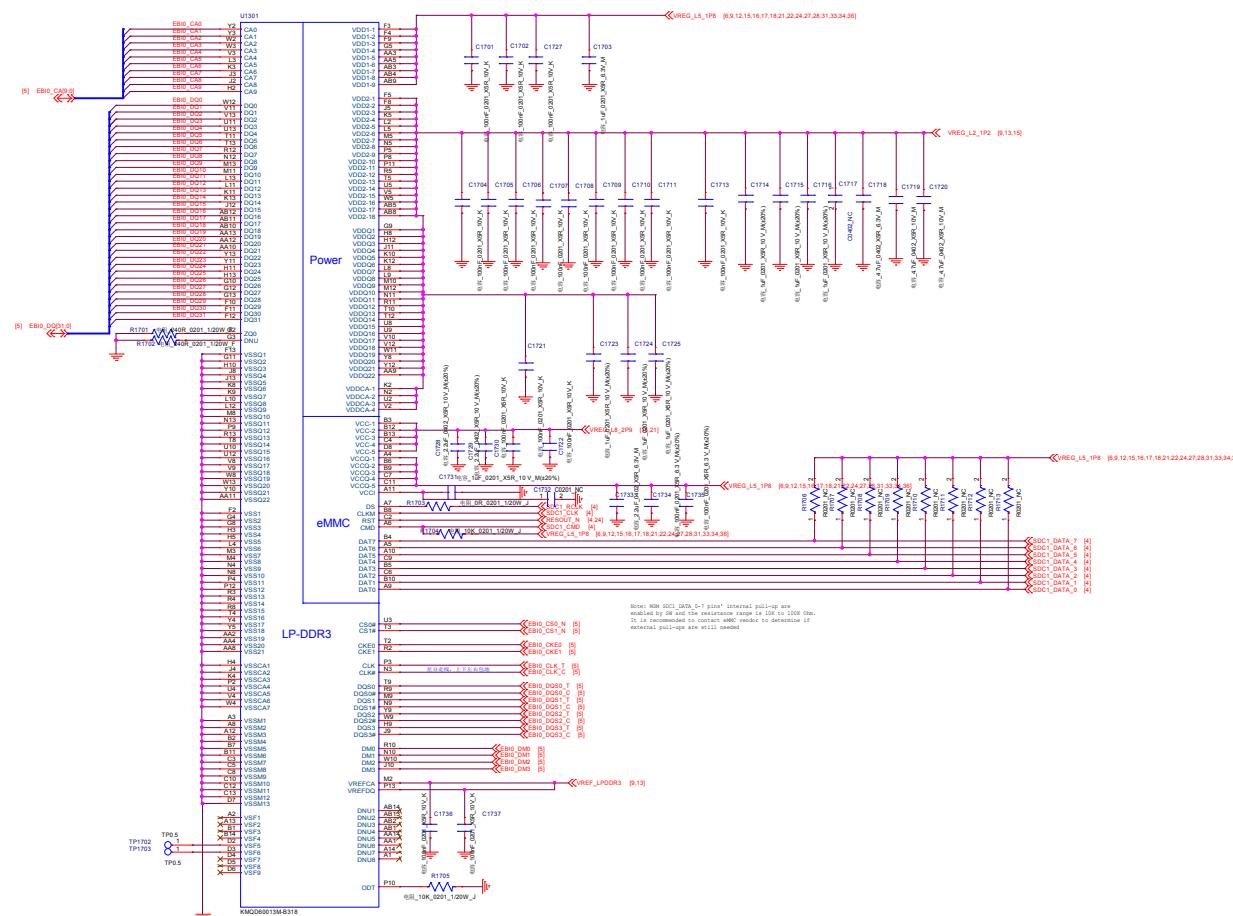


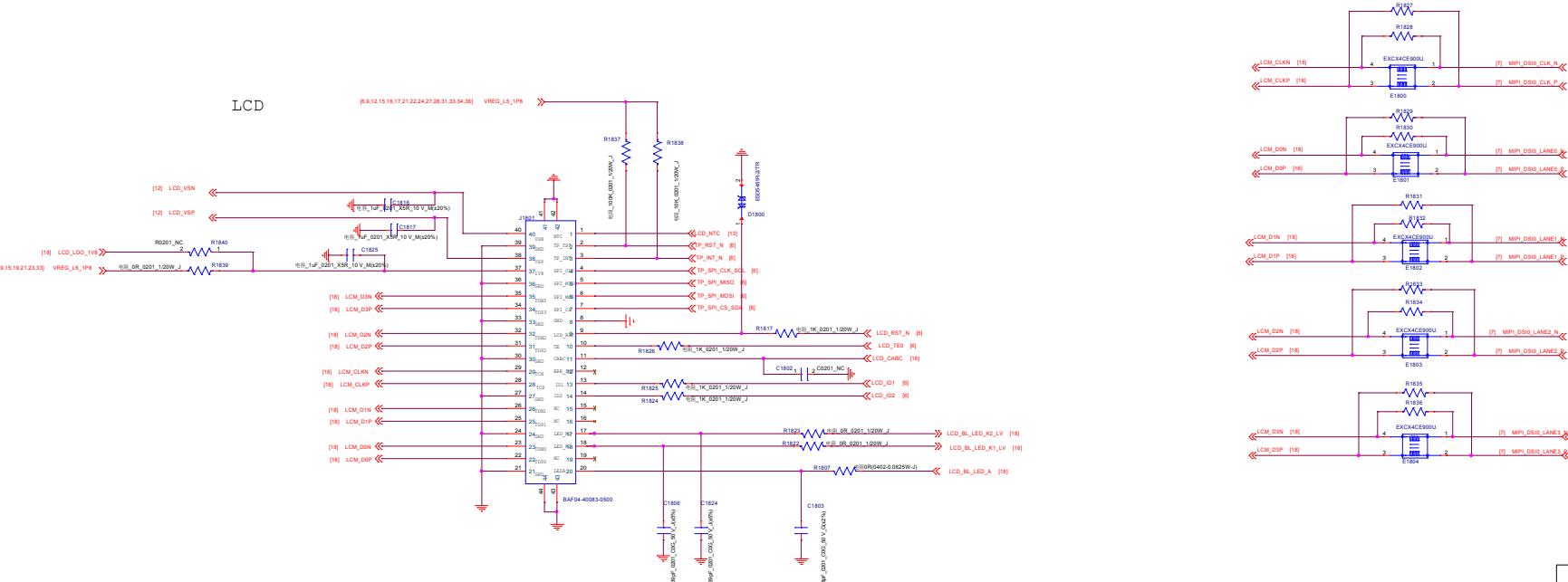






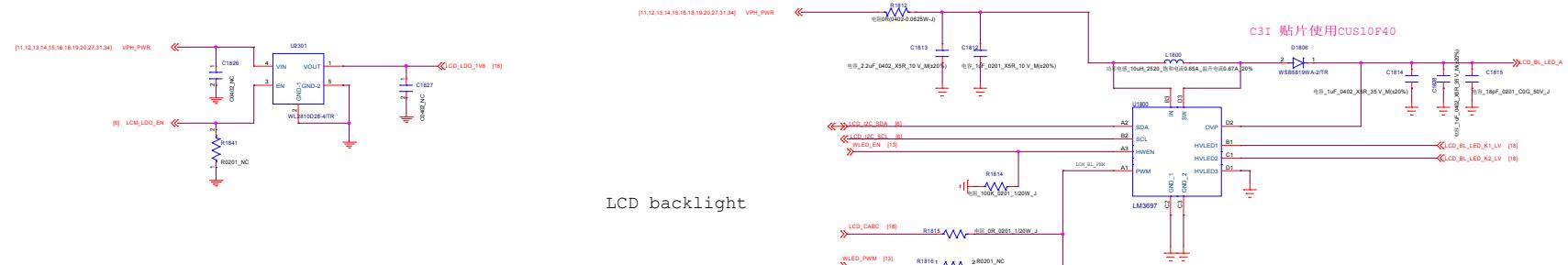


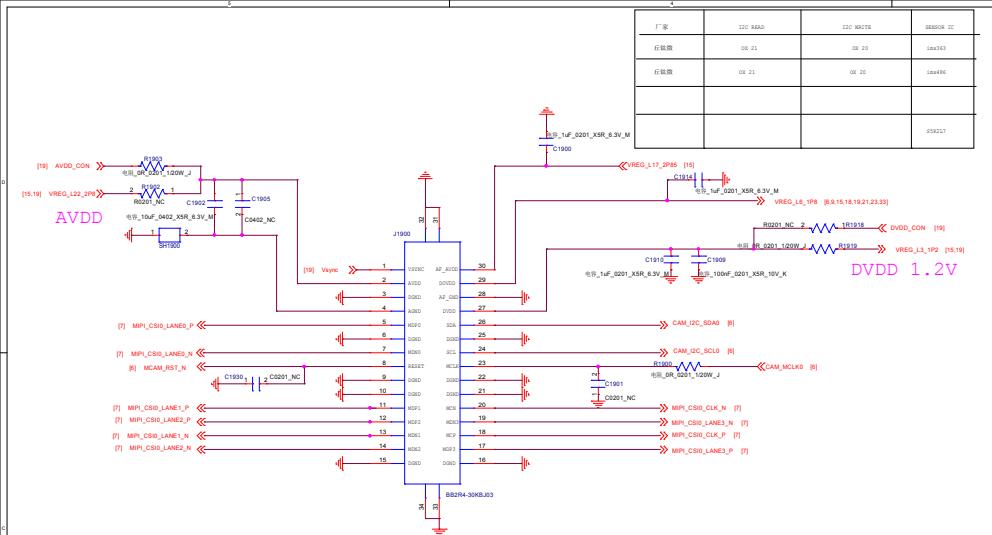




厂家	IDC A100816	S2000 DC
STD	GM 34-0110110	STD1136
TI	GM 34-0110110	LM0037

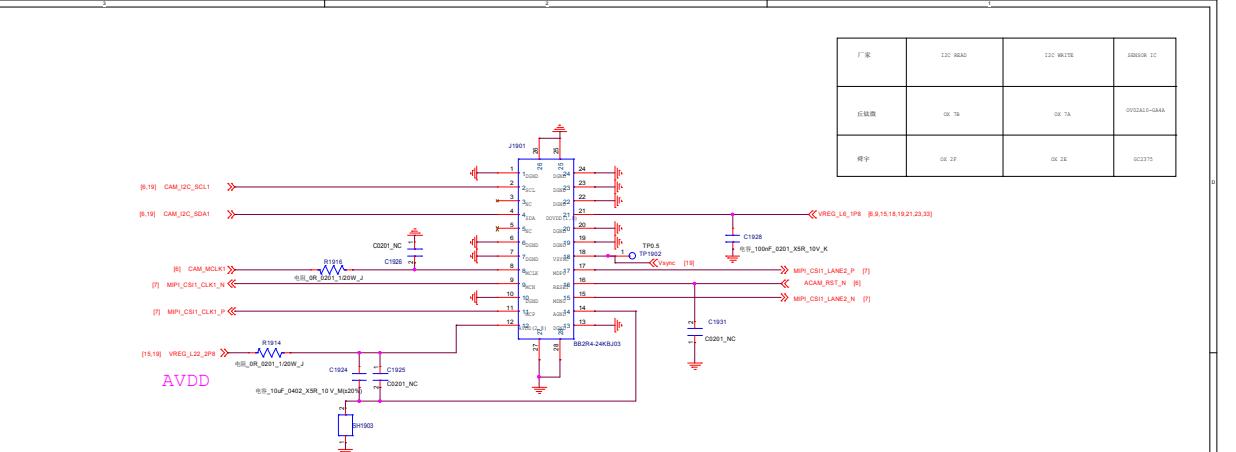
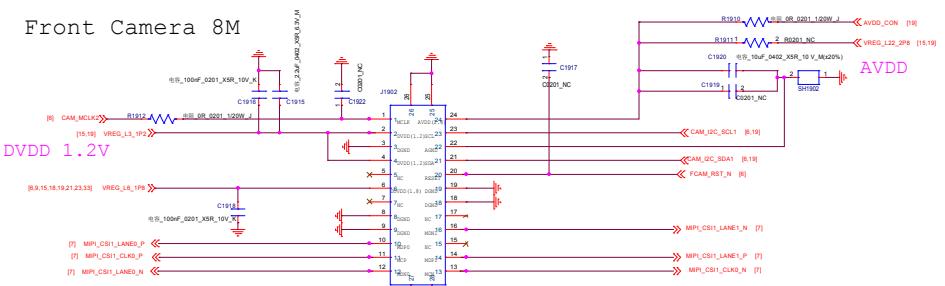
## LCD-BACKLIGHT



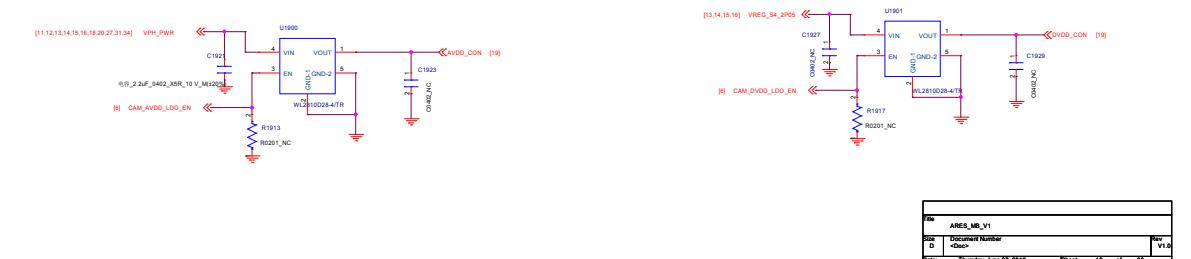
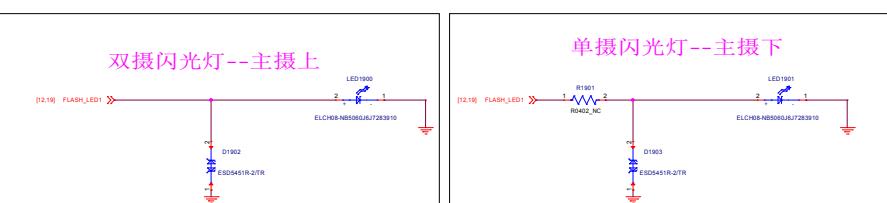


厂家	INC READ	INC WRITE	IC
长续航	OK 4D	OK 4C	D9854

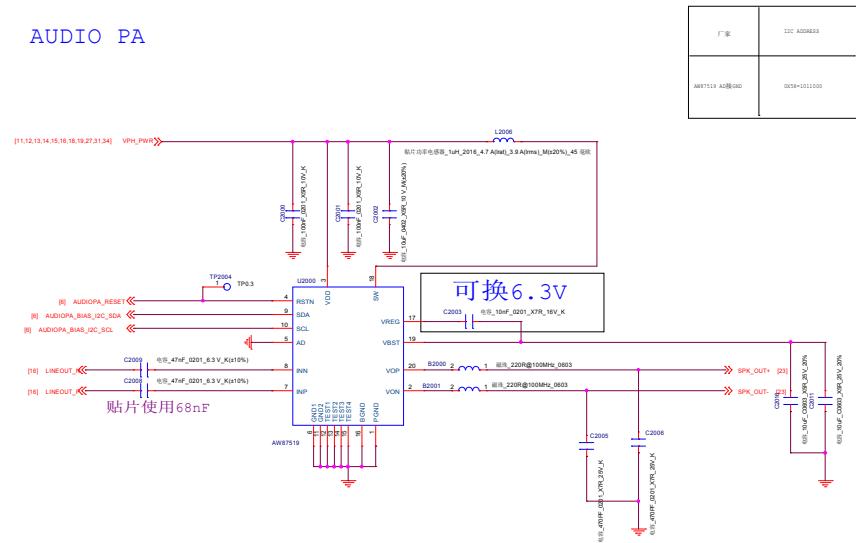
Front Camera 8M



Rear Camera Flash FH15B

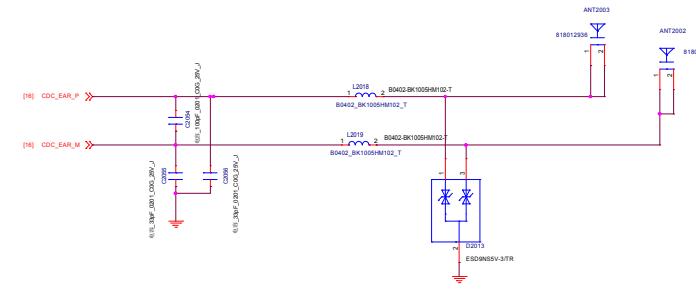


## AUDIO PA

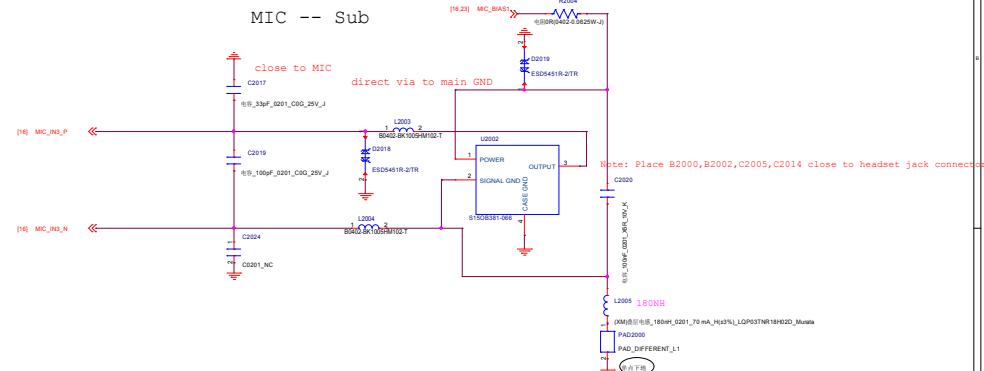
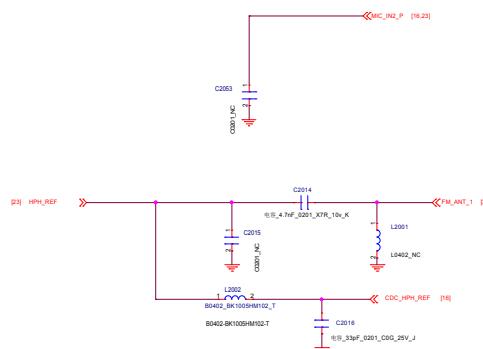


厂家	IDC ADDRESS
ANET5119 AD8280D	0X58=1011000

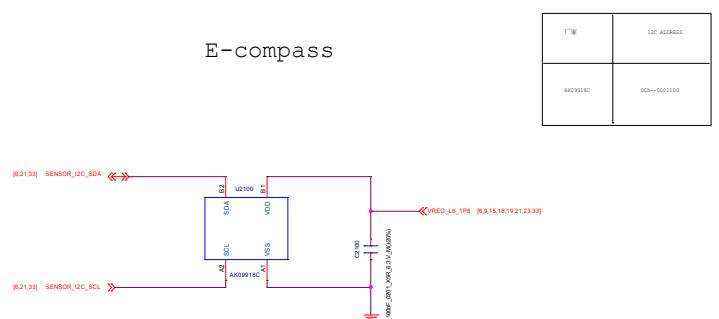
RECEIVER



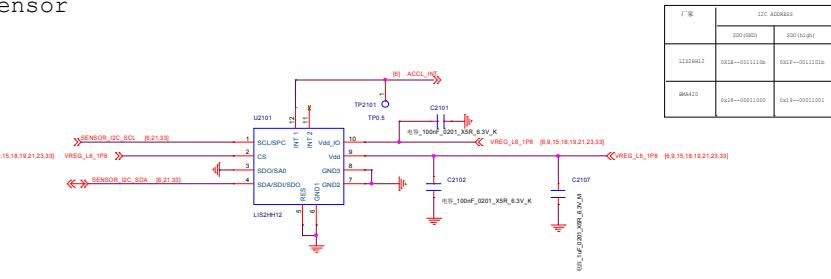
American Standard EARPHONE



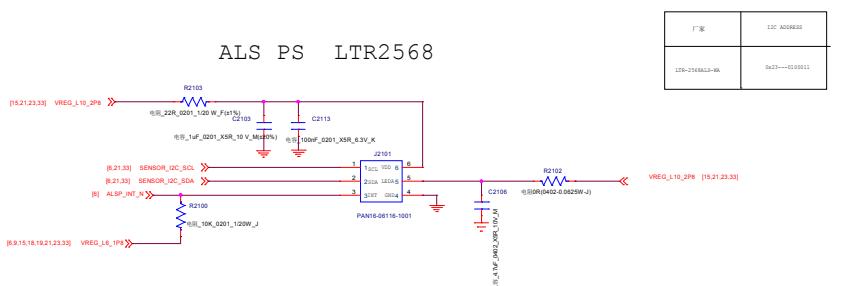
### E-compass



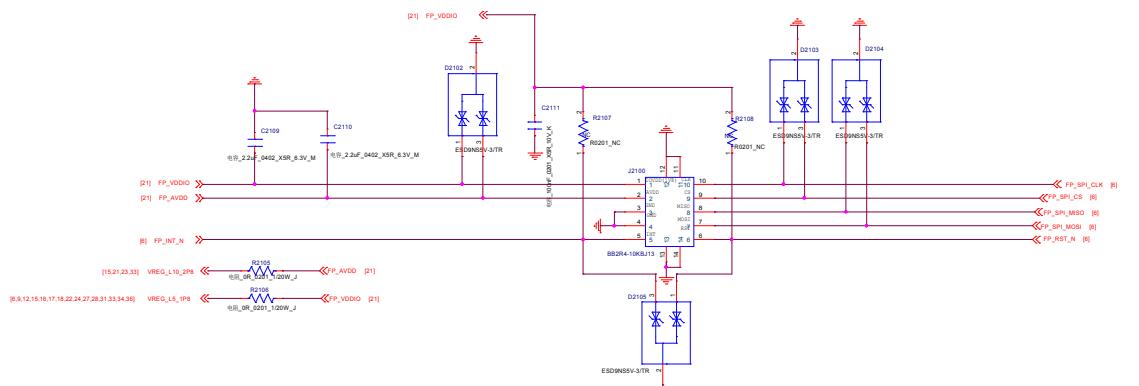
### A sensor



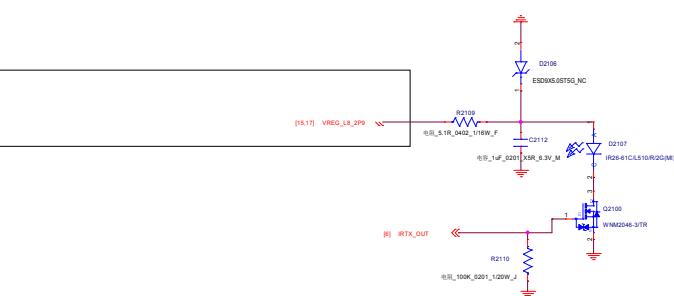
### ALS PS LTR2568



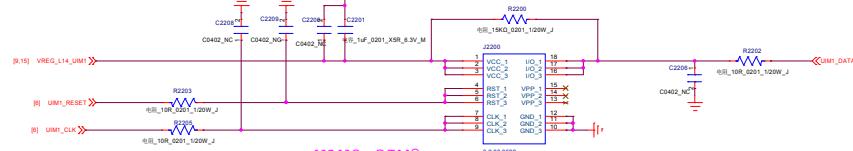
### Finger Print



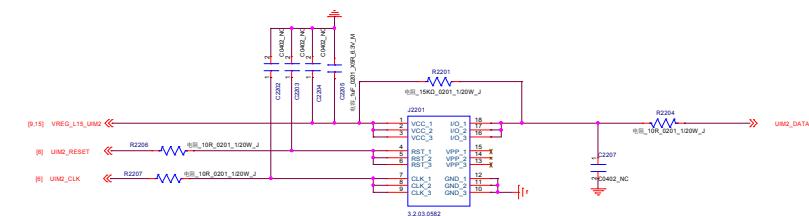
### IR



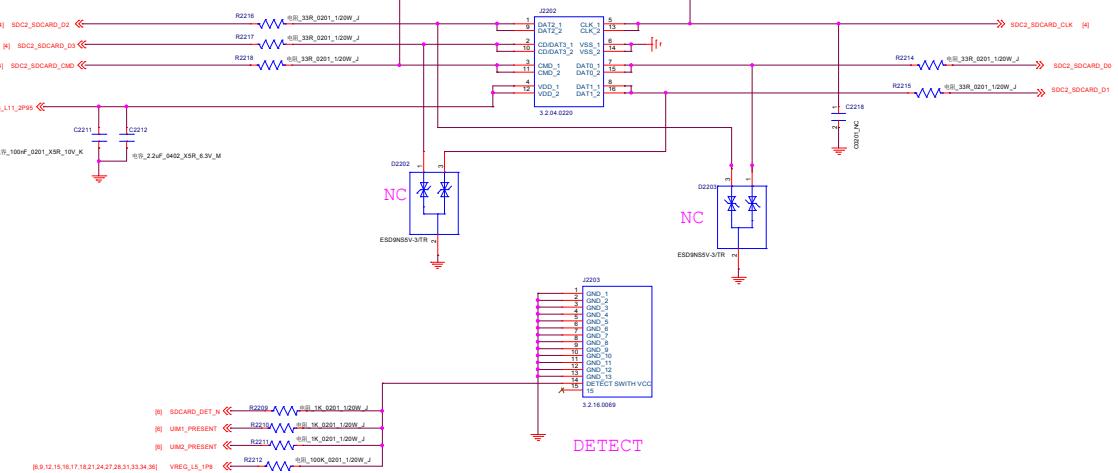
### NANO SIM1

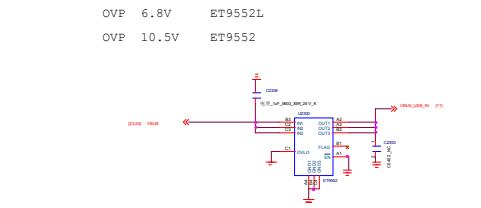


### NANO SIM2

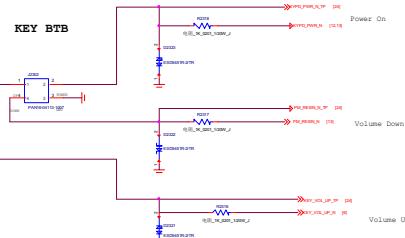


### SD

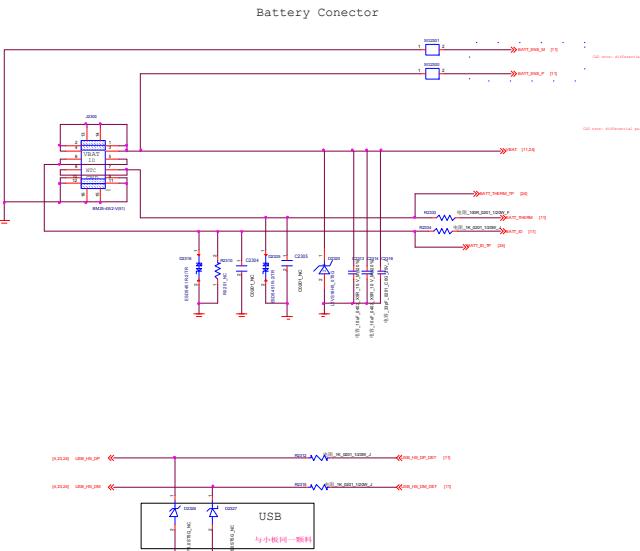




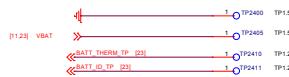
Note:  $V_{OVP\_IO} = V_{OVP\_IO} \cdot (1 + R1R2)$   
Note:  $V_{OVP\_IO} = 1.2V$ (TYP.)



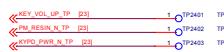
Signal	Description
KEY_VOL_UP_N	Volume Up
KEY_VOL_DN_N	Volume Down
KEY_POW_N	Power On
KEY_A1	XIAOMI AI



### VBAT TEST POINT



### KEY TEST point



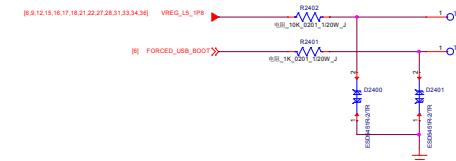
### UART TEST point

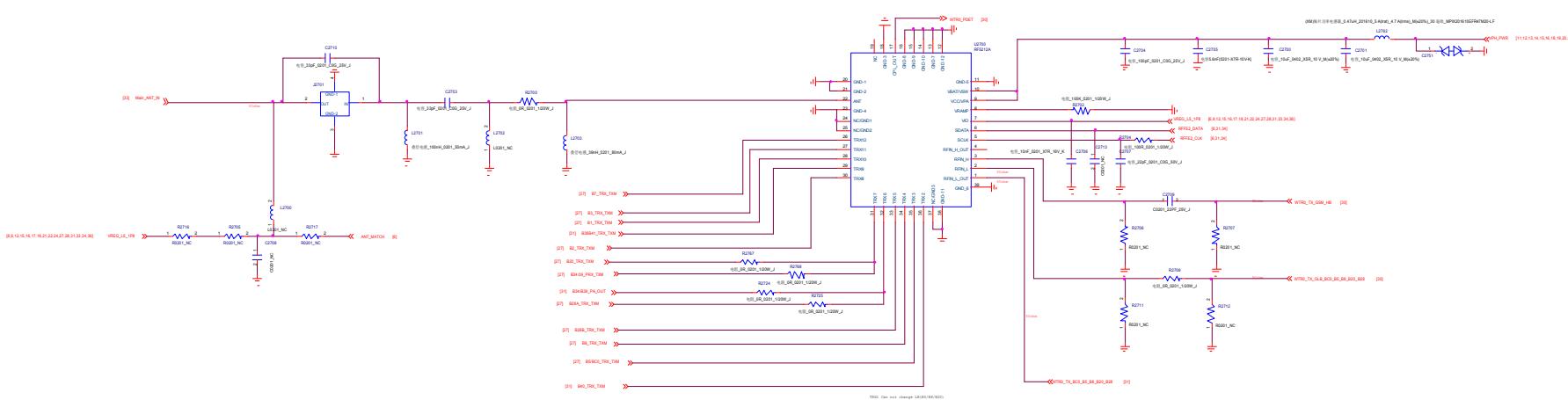


### USB TEST POINT

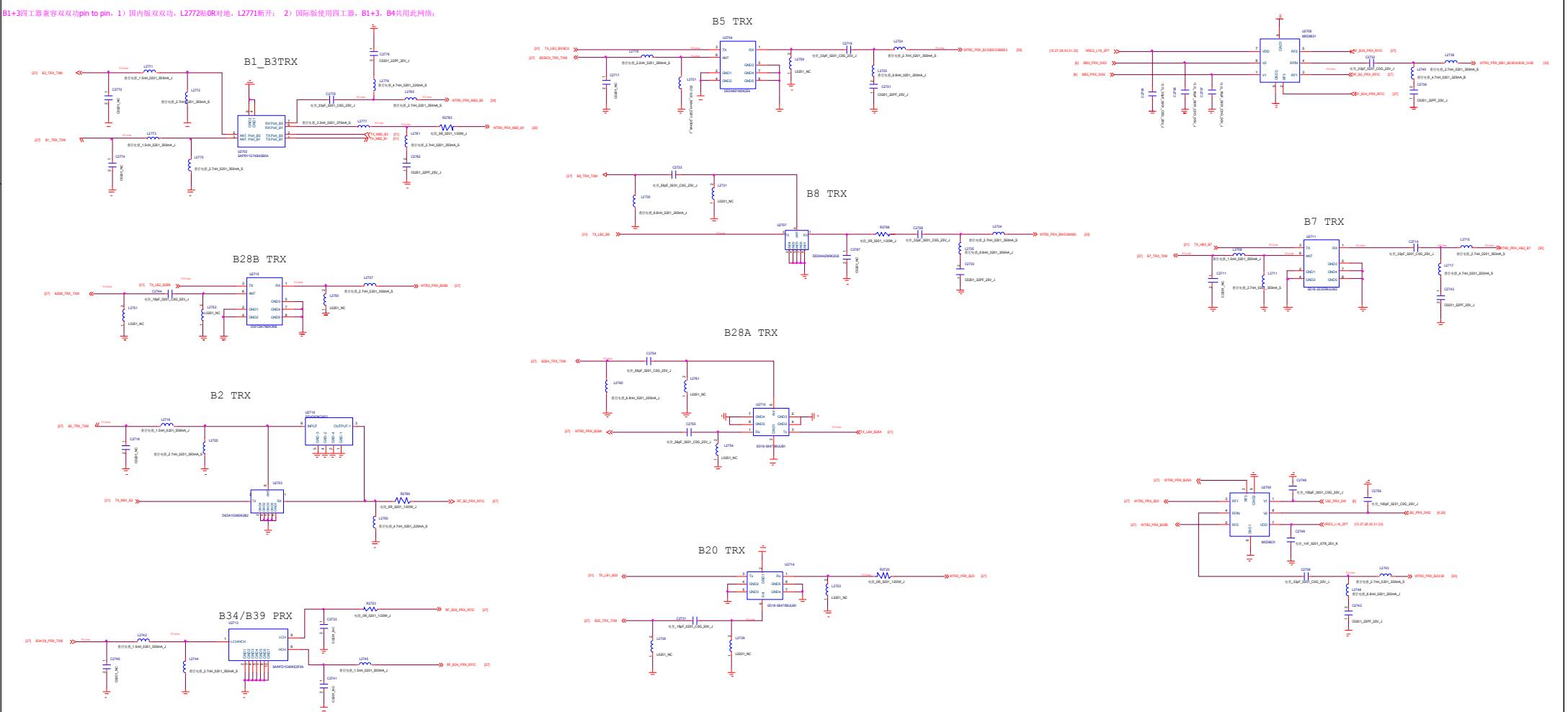


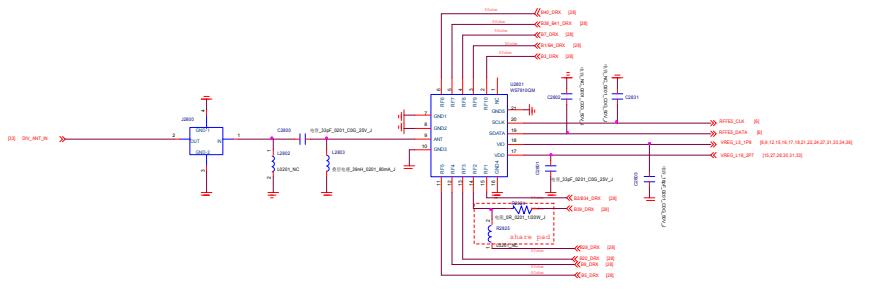
### Force USB boot



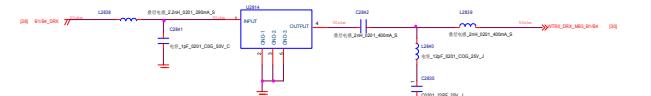


B1+3四工器兼容双双功pin to pin, 1) 国内版双双功, L2772贴OR对地, L2771断开; 2) 国际版使用四工器, B1+3, B4共用此网络;





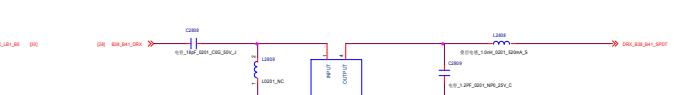
B1/B4 DRX



B5 DRX



B38\_B41 DRX



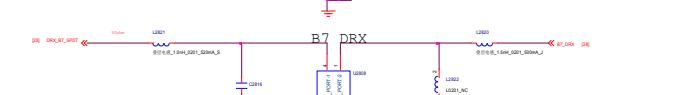
B3 DRX



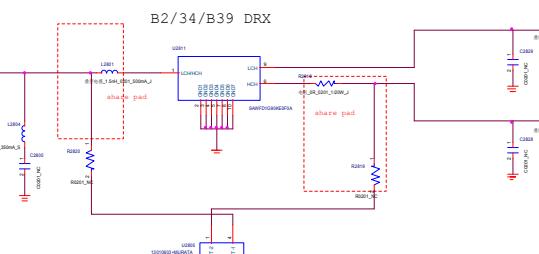
B28 DRX



B7 DRX



B2/34/B39 DRX

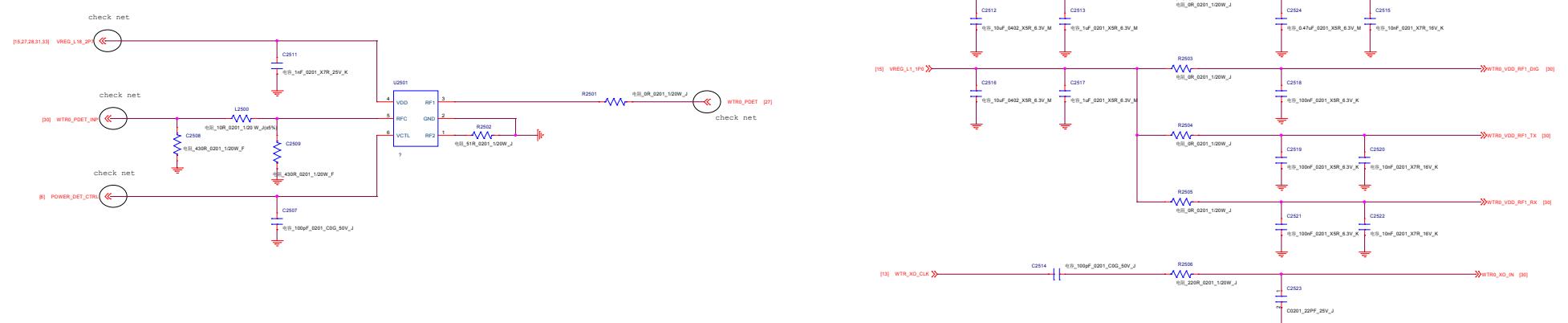
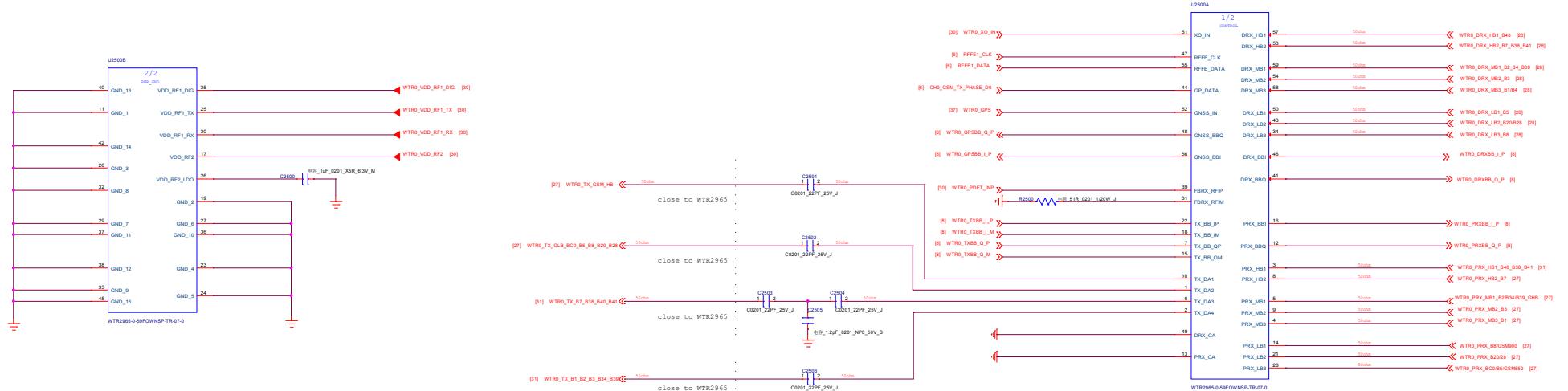


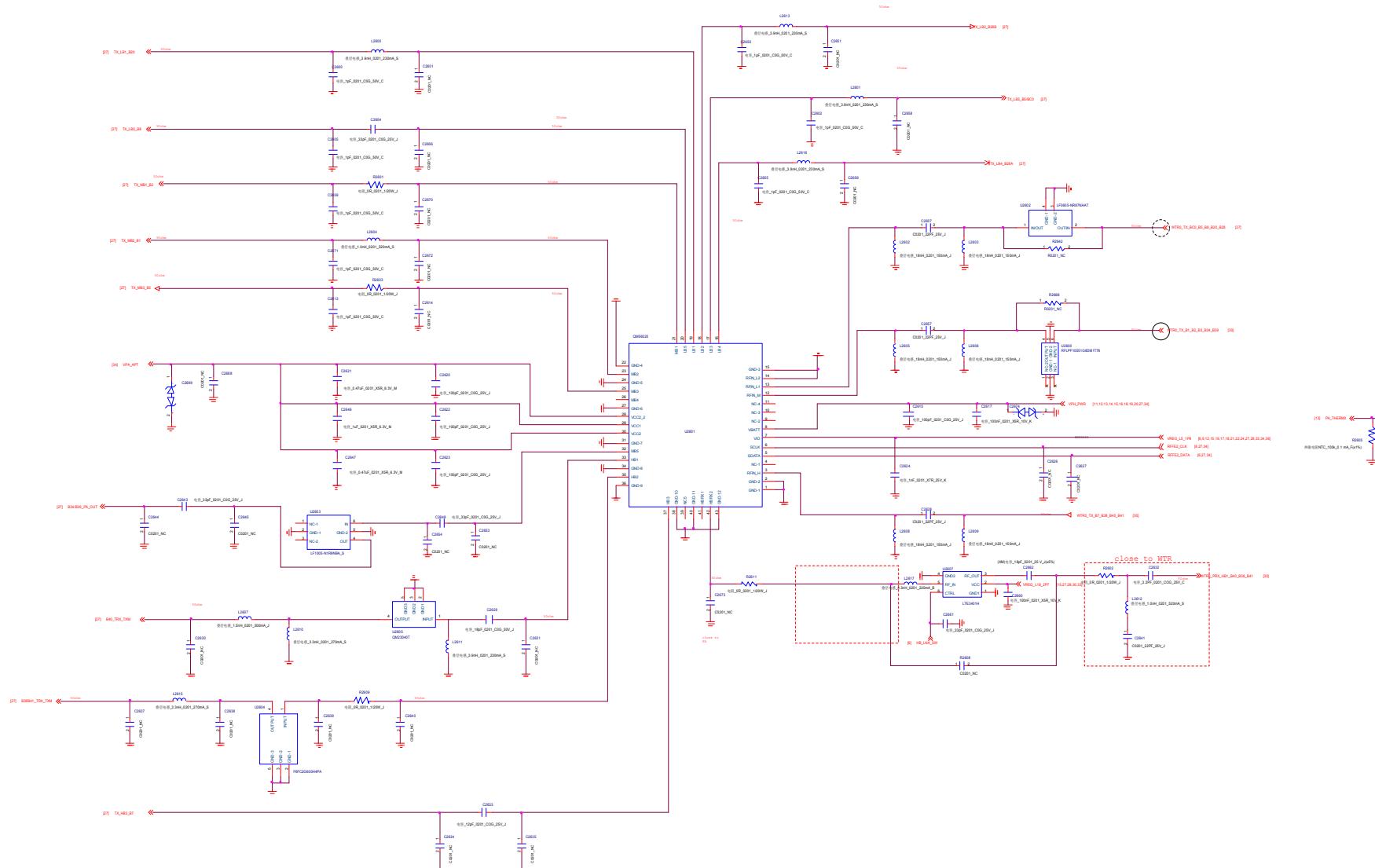
B20 DRX



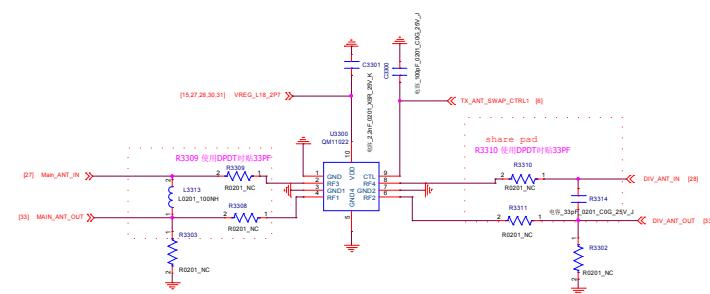
HB RX SW



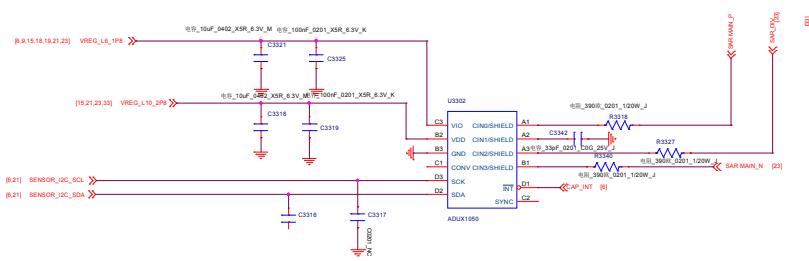




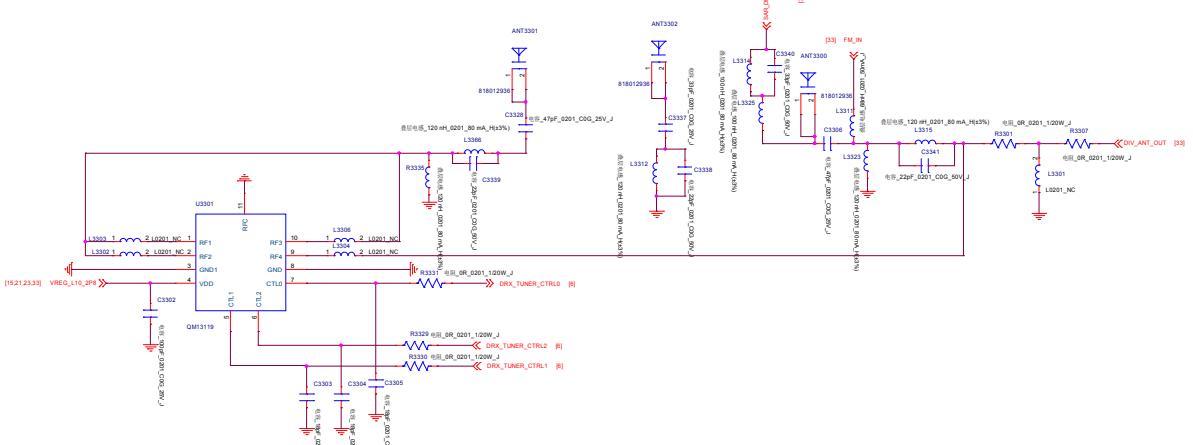
## DPDT SWITCH

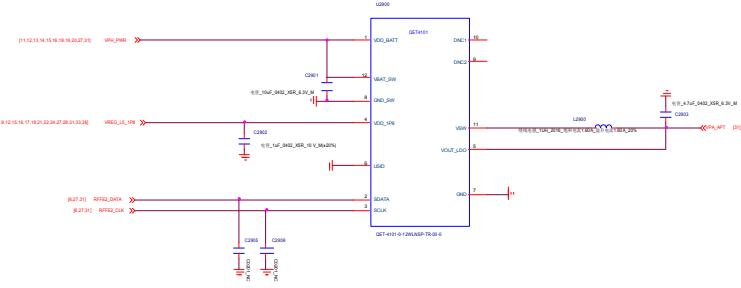


## SAR Sensor



## DIV ANT





Main ANT



