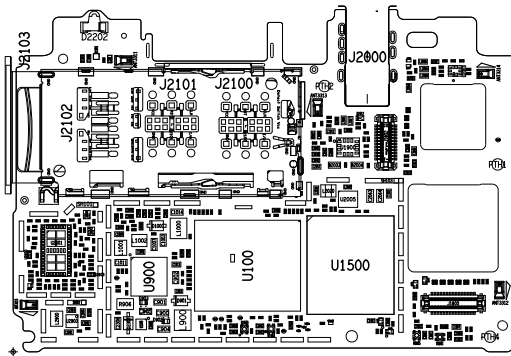
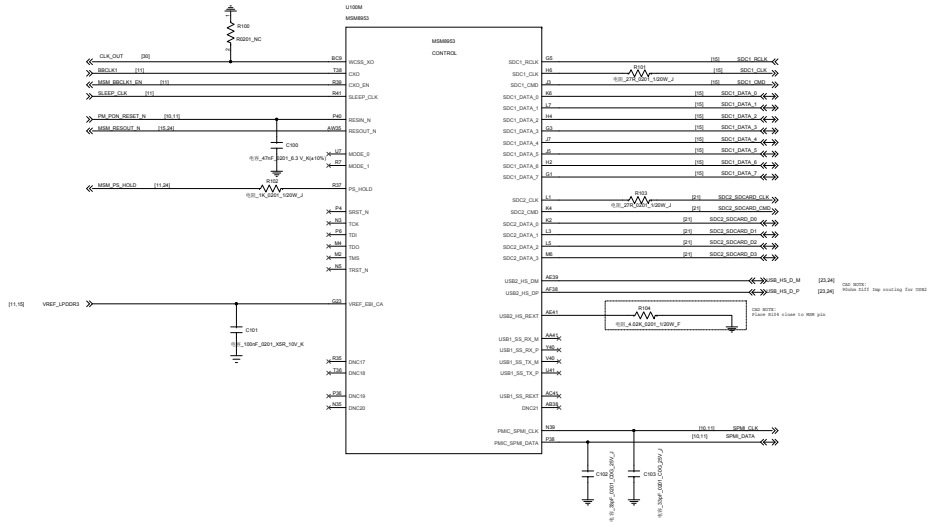


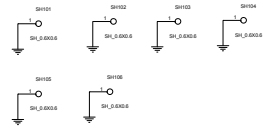
(VIETMOBILE.VN)



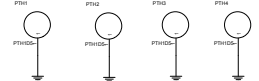
Sheet:
 M2M95_M007 (continued) by 0001-12-04 14:34:38 (REV) 日期 版本 内容 页码 页码总数 14



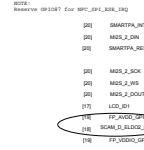
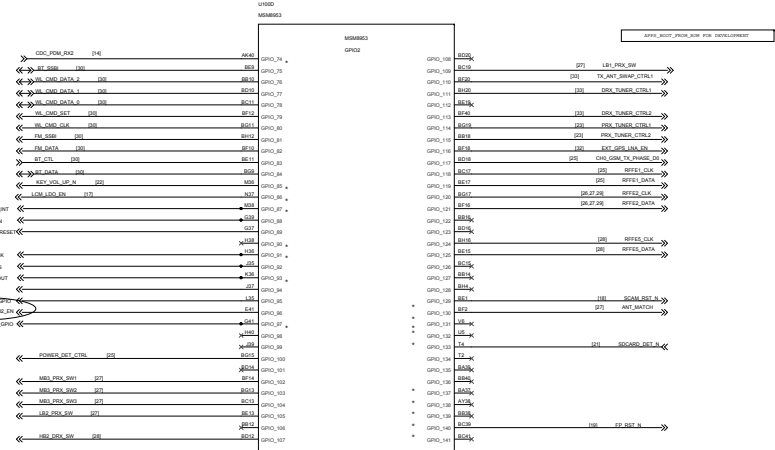
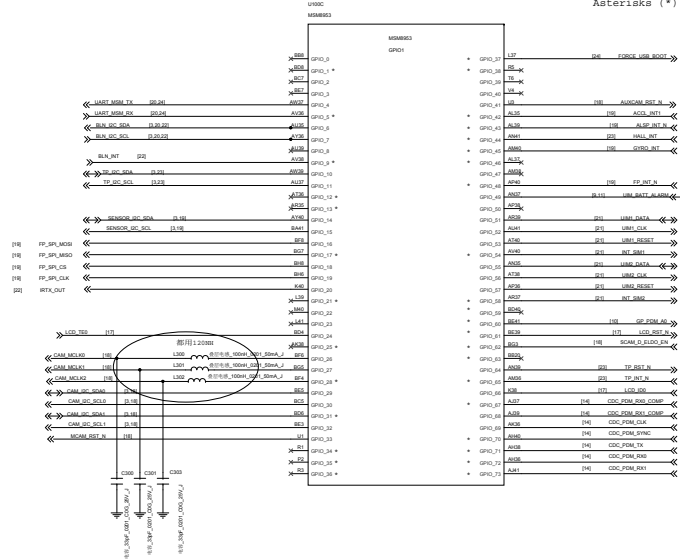
屏蔽罩



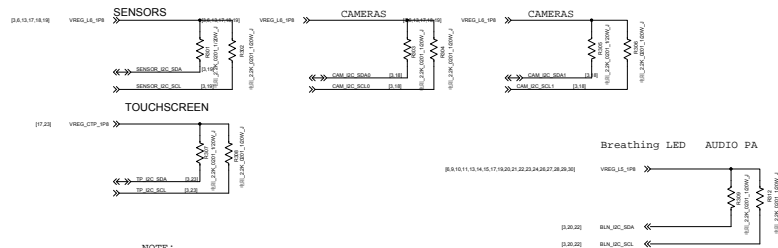
螺丝孔



NOTE:
Asterisks (*) indicate modem power management (MPM) wake-up pins



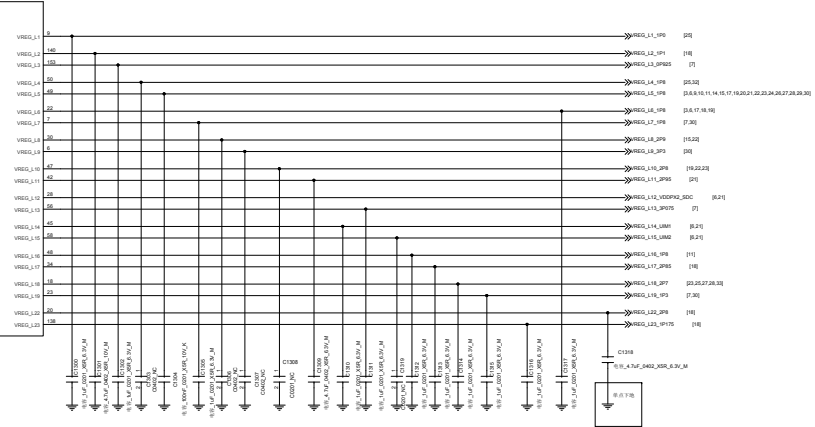
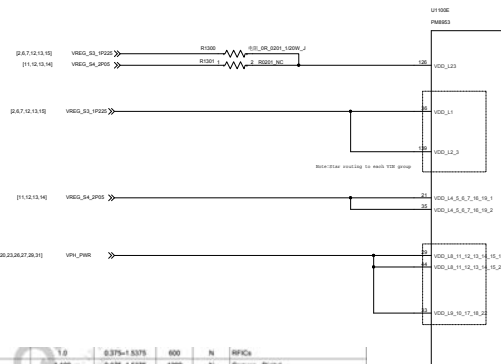
12C PULL-UP RESISTORS



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.

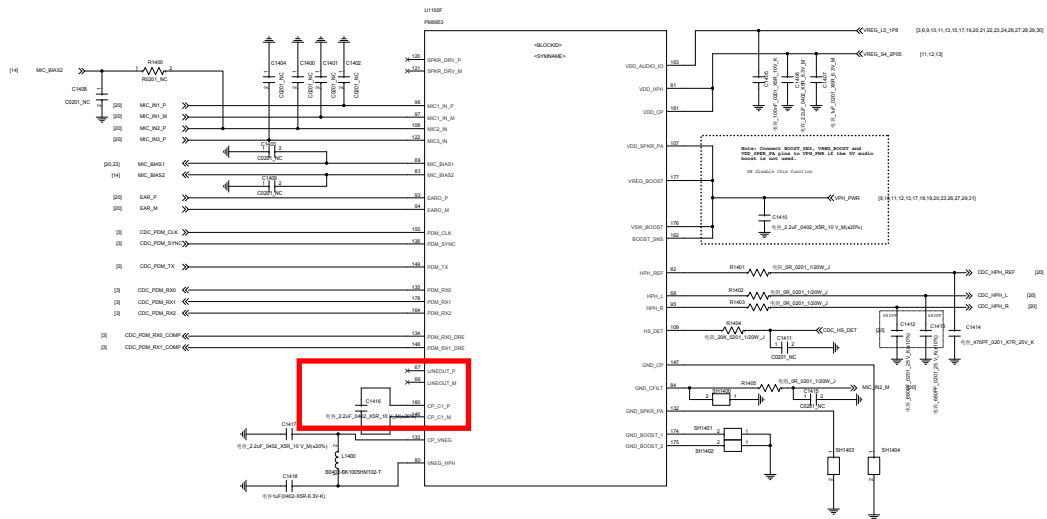
MPM_PIN	POWER_PIN_NAME	MPM_CONFIG(1)	MPM_CONFIG
GPIO_10	MODE_DOWNLOAD	0x000	0x01 → 0x02 → 0x03, 0
GPIO_126	MODE_DOWNLOAD	0x000	0x02 → 0x03 → 0x04, 0
GPIO_130	APP_BOOT_PWR_ON	0x001	0x01 → 0x02, 0
GPIO_1		0x001	0x01 → 0x02, 0
GPIO_3		0x001	0x01, 0

Default Mode Config (0x001) is 0x01(0x02)



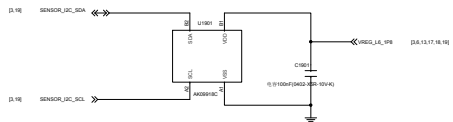
Function	Circuit type	Default V (V)	Specified range (V) (M99B993)	Programmable range (V)	Rated current (mA)	Default On	Expected use (M99B993)	
L1	PMOS LDO	1.0	1.0	0.375-1.5375	600	N	RFFCs	
L2	PMOS LDO	1.100	1.100	0.375-1.5375	1200	N	Camera-Digital	
L3	PMOS LDO	0.925	0.925	0.375-1.5375	600	Y	MSM DSI PLL, USB	
L4	PMOS LDO	1.800	1.800	1.750-3.3375	450	N	RFFCs and GPS eLNA	
L5	PMOS LDO	1.800	1.800	1.750-3.3375	600	Y	Host digital VIO, MSM pad groups 3 and 7, LPDDR, and eMMC	
L6	PMOS LDO	1.800	1.800	1.750-3.3375	300	N	MSM QIP/RCAL camera, touchscreen, display, and sensors	
L7	PMOS LDO	1.800	1.800	1.750-3.3375	300	Y	MSM analog, USB, and PLLA, WCN, DC, and PM board clock driver	
L8	PMOS LDO	2.800	2.800	1.750-3.3375	600	Y	eMMC	
L9	PMOS LDO	Vout = 3.3 V for VBAT = 3.95 V; Vout = 3 V for VBAT = 3.575 V		3.000-3.300	1.750-3.3375	600	N	WCN

Function	Circuit type	Default V (V)	Specified range (V) (M99B993)	Programmable range (V)	Rated current (mA)	Default On	Expected use (M99B993)
L10	PMOS LDO	3.0	3.0	1.750-3.3375	900	N	Sensors and touchscreen
L11	PMOS LDO	2.800	2.800	1.750-3.3375	400	Y	Mass SD
L12	PMOS LDO	2.800	1.800/2.800	1.750-3.3375	50	Y	MSM pad group 2 and SDIO
L13	PMOS LDO	3.125	3.125	1.750-3.3375	150	Y	MSM USB type C and PMIC and external codec audio
L14	PMOS LDO	1.800	1.800	1.750-3.3375	50	N	MSM pad group 8, dual-voltage UIM1, and NFC
L15	PMOS LDO	1.800	1.800	1.750-3.3375	50	N	MSM pad group 6 and dual-voltage UIM2
L16	PMOS LDO	1.800	1.800	1.750-3.3375	5	N	PMIC WADC
L17	PMOS LDO	2.800	2.800	1.750-3.3375	300	N	Camera and display
L18	PMOS LDO	2.700	2.700	1.750-3.3375	150	N	GT-RF frontend
L19	PMOS LDO	1.300	1.300	0.375-1.5375	600	N	MSM analog, WCN, and WDR
L20	Low-voltage LDO	1.74	1.74	1.74-3.3375	5	Y	PMIC XO oscillos
L21	Low-voltage LDO	1.74	1.74	1.74-3.3375	5	N	PMIC RF clock buffers
L22	PMOS LDO	2.800	2.800	1.750-3.3375	150	N	Camera - analog
L23	PMOS LDO	1.15	1.15	0.375-1.5375	600	N	Camera - digital



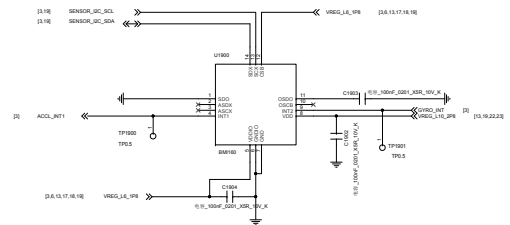
E-compass

厂家	IC: 24C02
地址	0ch



Gyro+A sensor

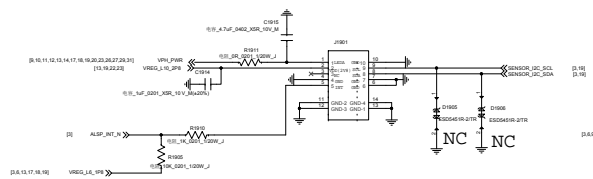
厂家	IC: 68850
地址	0x68



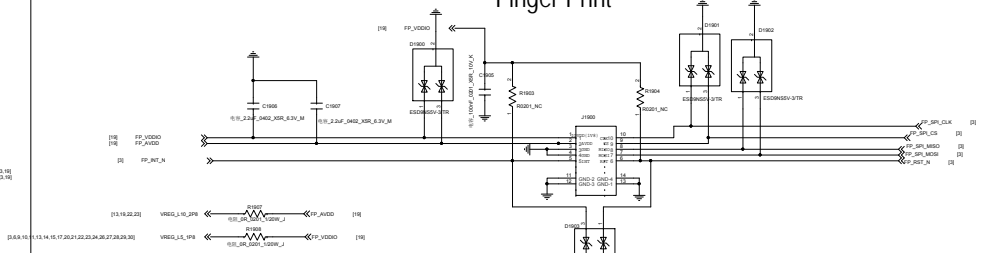
ALS PS

厂家	IC: 68850
地址	0x53h

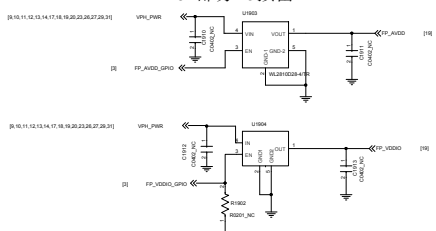
使用BTB方式



Finger Print



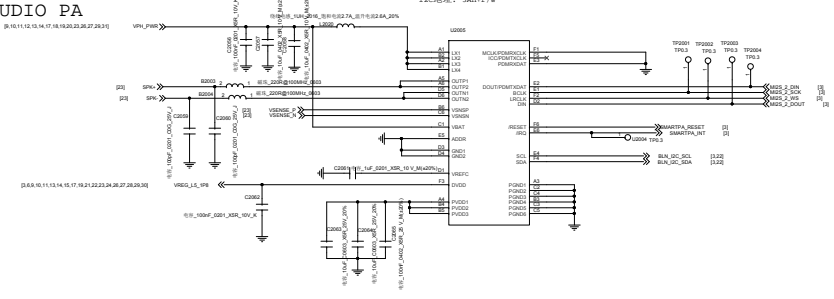
LDO 部分NC预留



厂家	IC: 68850
地址	0x53h

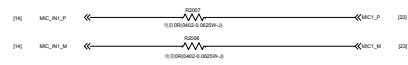
AUDIO PA

9,10,11,13,14,15,17,18,20,21,22,23,26,27,28,30

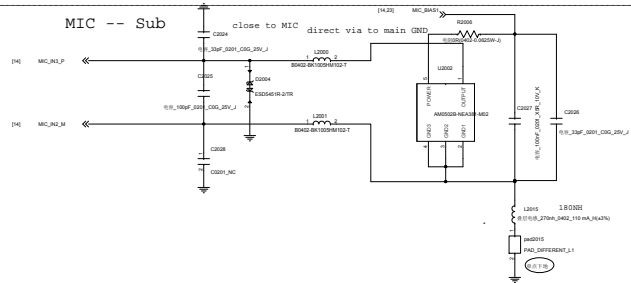


I2C地址: 2AH274

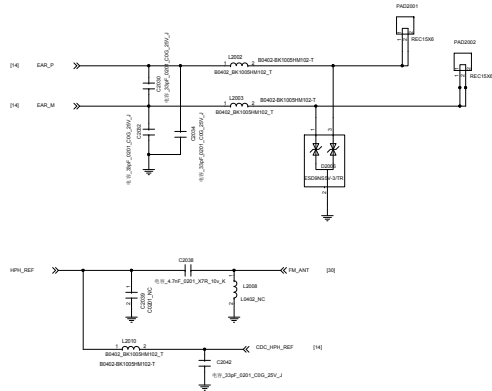
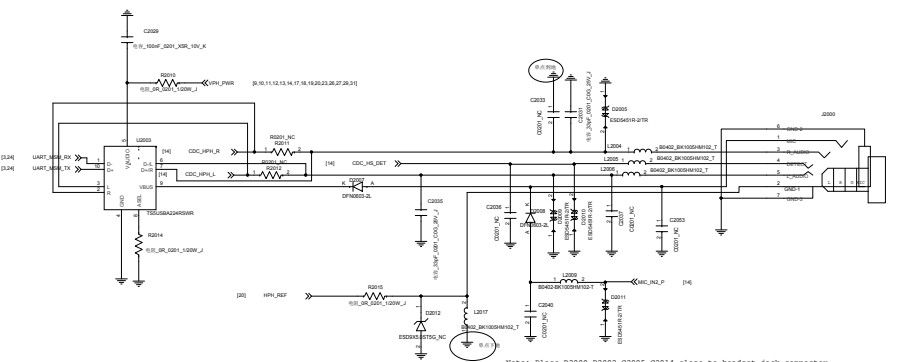
MIC -- Main



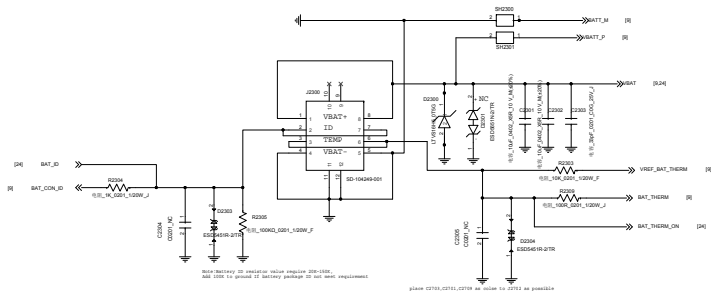
MIC -- Sub

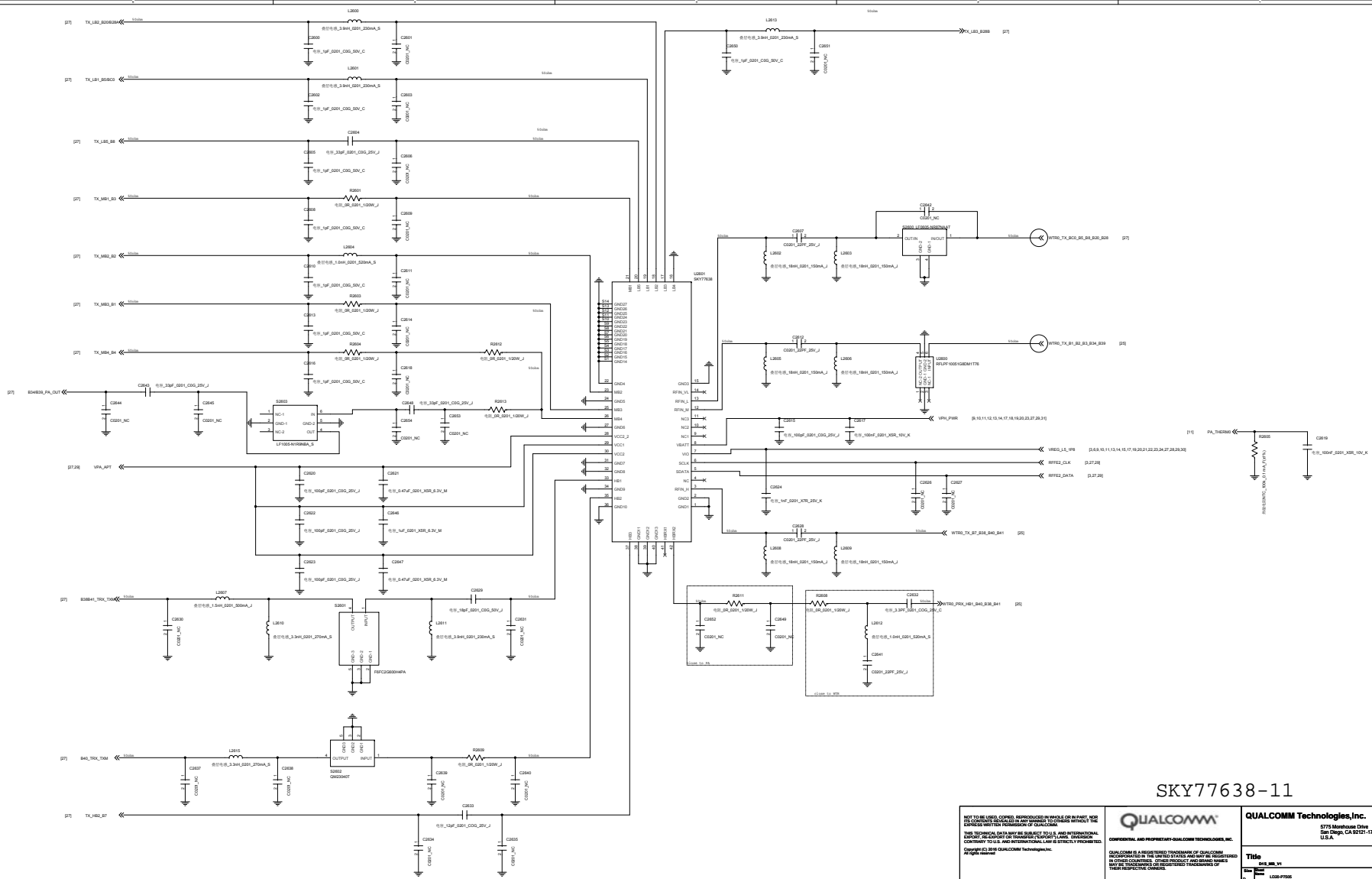


American Standard EARPHONE



Battery Connector





SKY77638-11

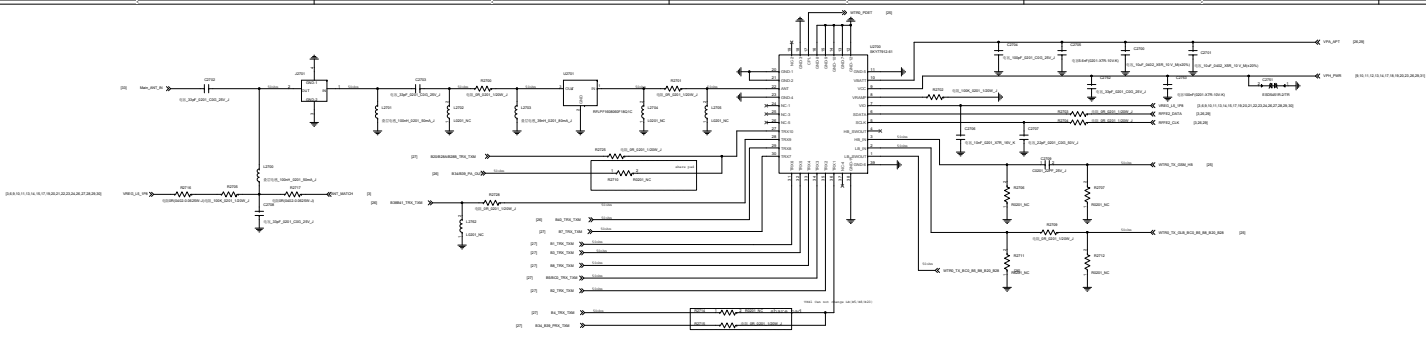
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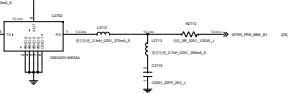
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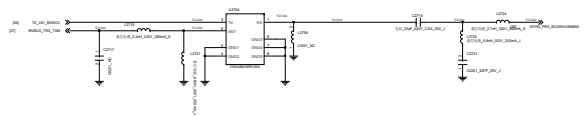
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 Rev 1.0
 1.000-0000



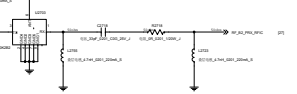
B1 TRX



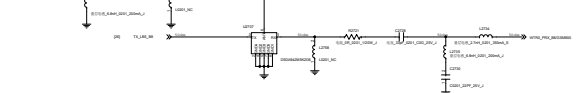
B5 TRX



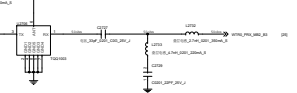
B2 TRX



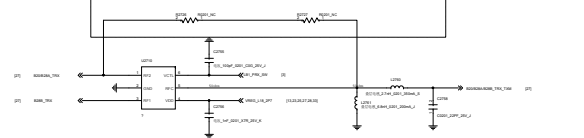
B8 TRX



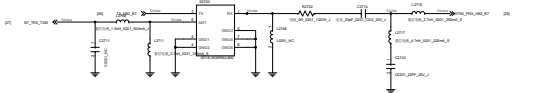
B3 TRX



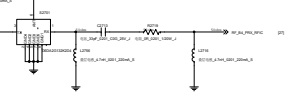
B20 不用SSOT, 0986



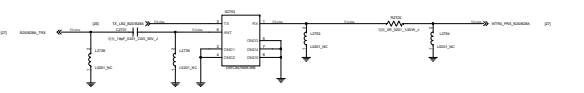
B7 TRX



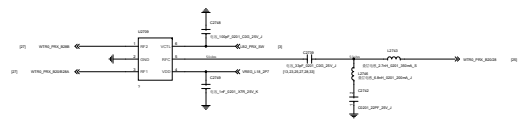
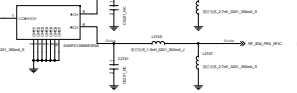
B4 TRX

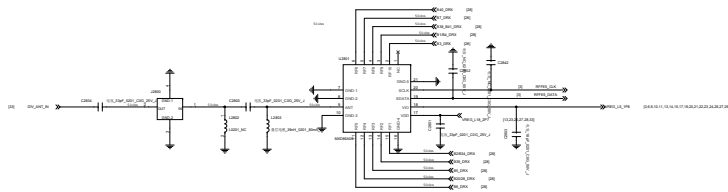


B20/B26A TRX

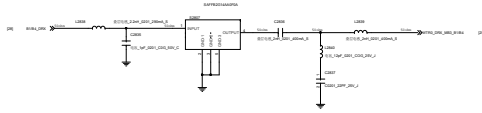


B34/B39 PRX

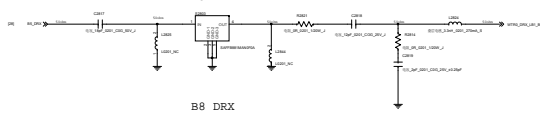




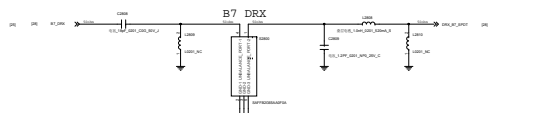
B1/B4 DRX



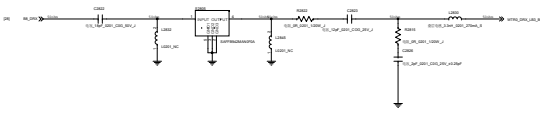
B5 DRX



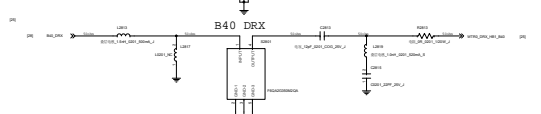
B7 DRX



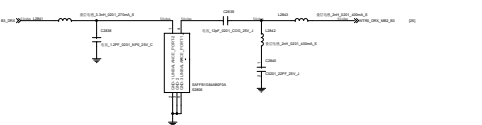
B8 DRX



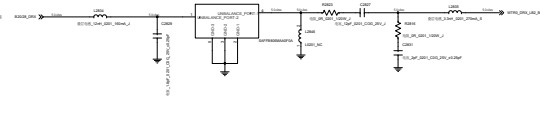
B40 DRX



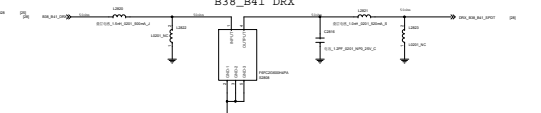
B3 DRX



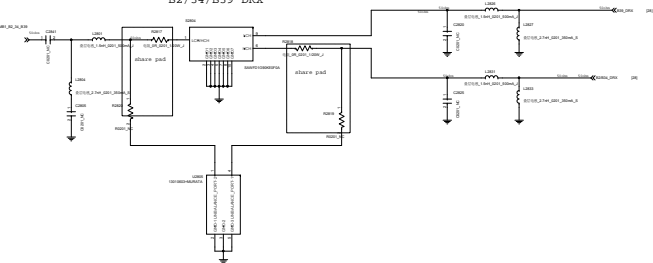
B20/B28 DRX



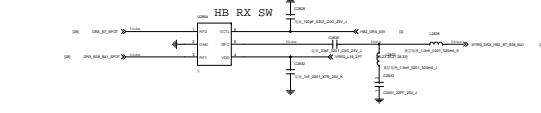
B38_B41 DRX

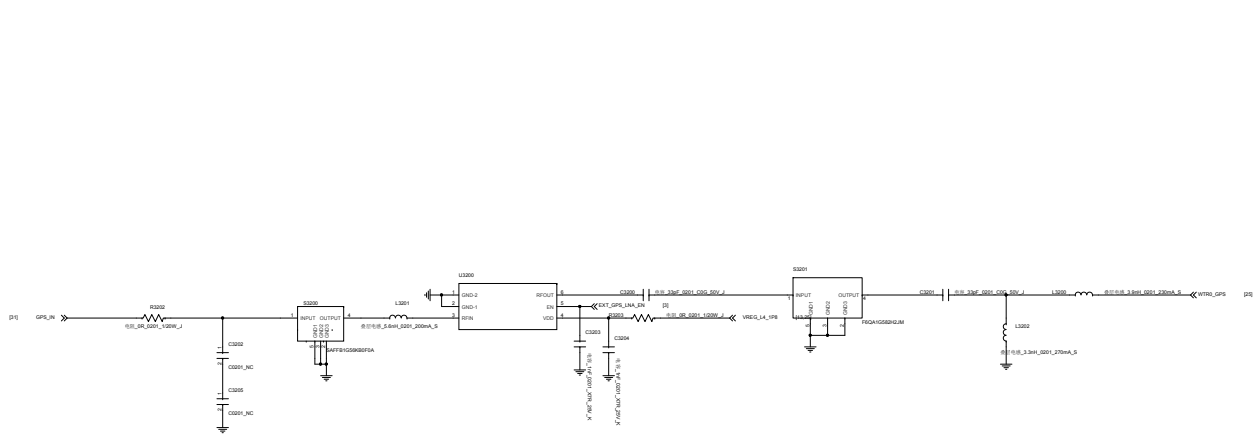


B2/B34/B39 DRX



HB RX SW





	extra S3201 option	Non-extra S3201 option
R3200	DNI	0ohm
R3201	DNI	0ohm
C3200	33pF	DNI
C3201	33pF	DNI
S3201	SAFFB1G56KB0F0A	DNI

GPS

