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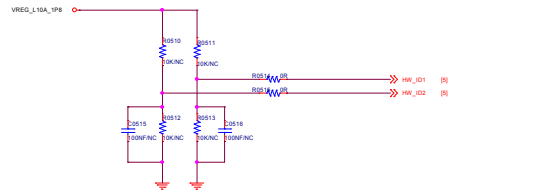
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Revision History

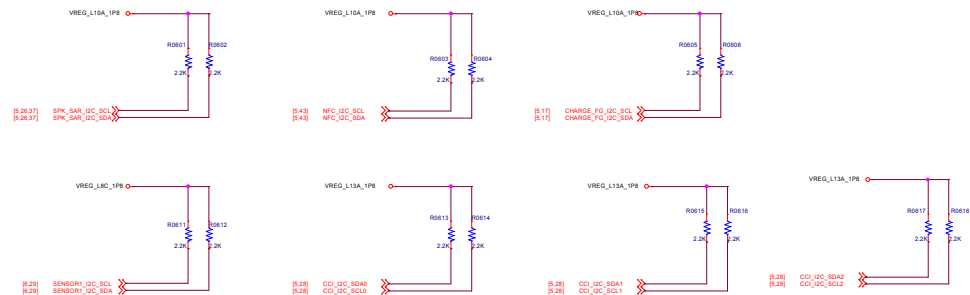
REV	DESCRIPTION
A	



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Doc D	Document Number <Doc>	Rev <RevCod>



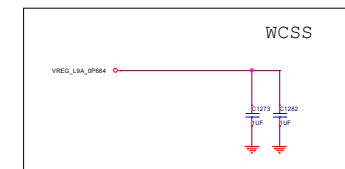
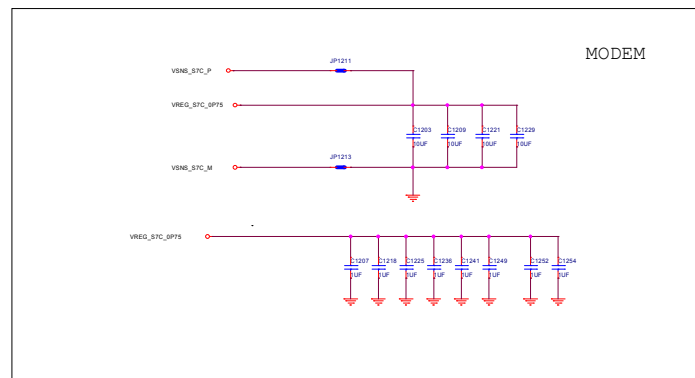
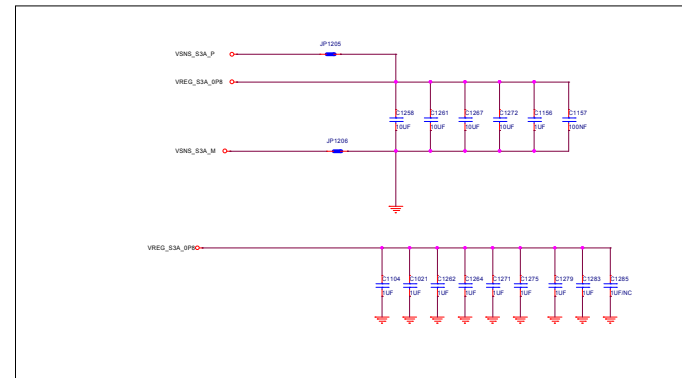
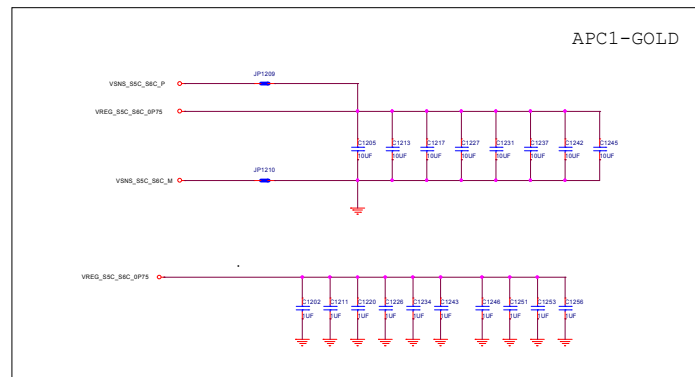
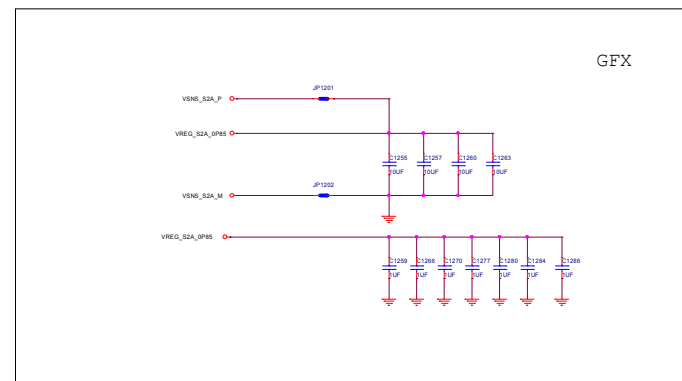
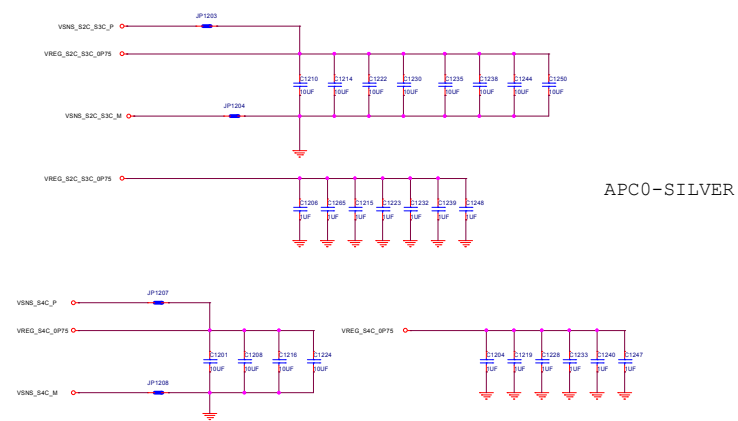
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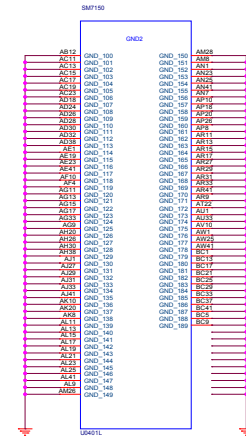
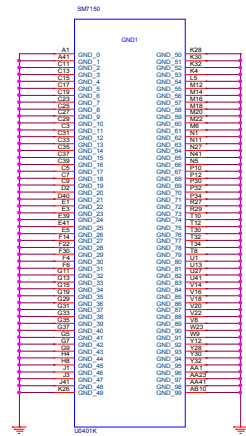
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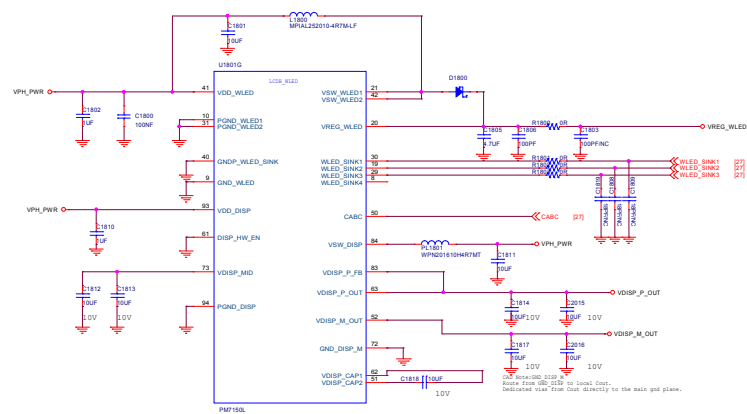


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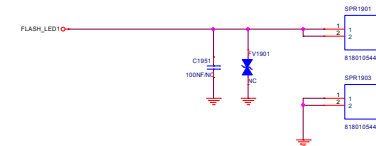
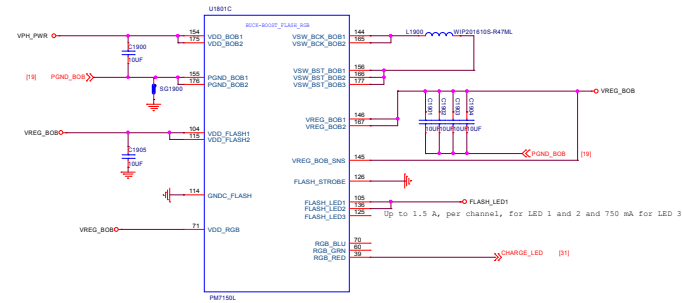
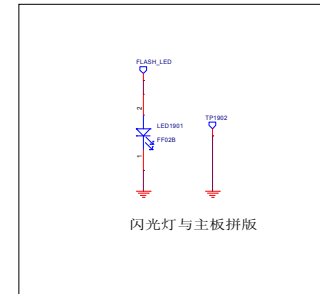
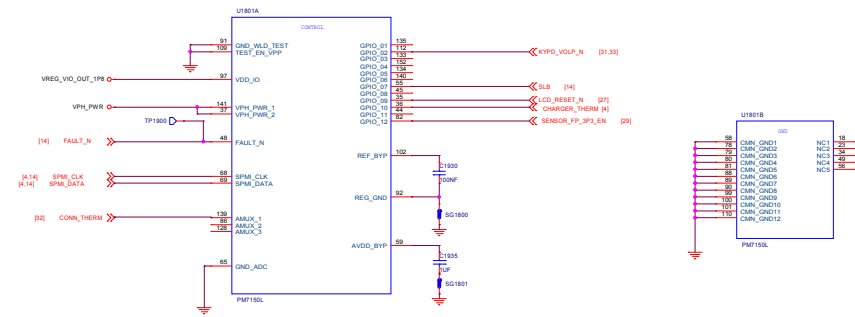


GN09 WLED SINK
Dedicated via to main ground plane. Resistance from pin to ground <30mohm.
Do NOT connect to any other ground.

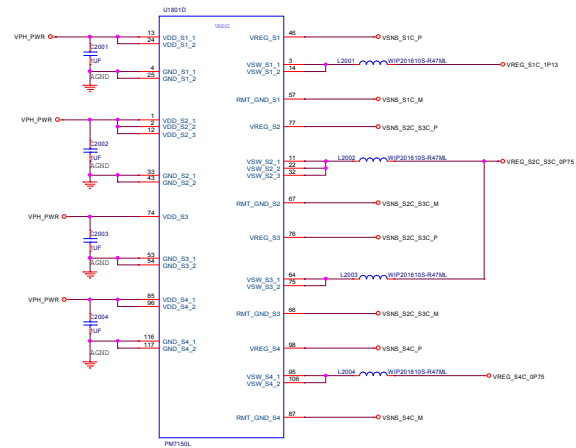
Route from VDCSP MID to Cmid and PGMS DCSF to Cmid.
Dedicated vias from Cmid directly to the main gnd plane.



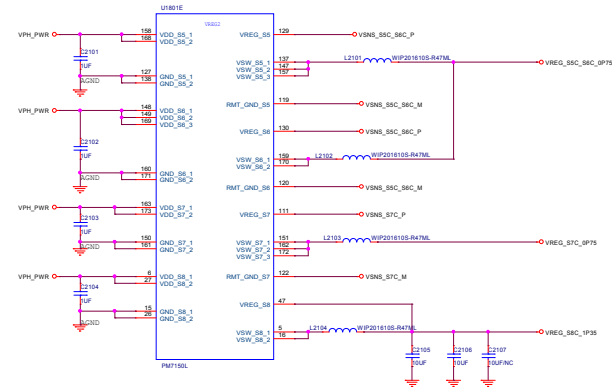
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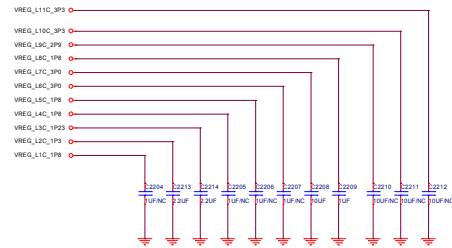
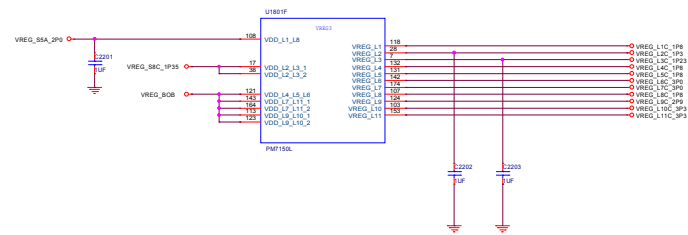


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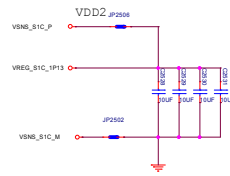
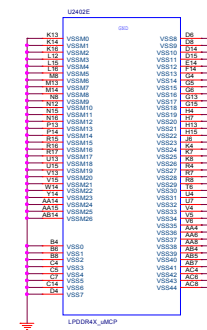
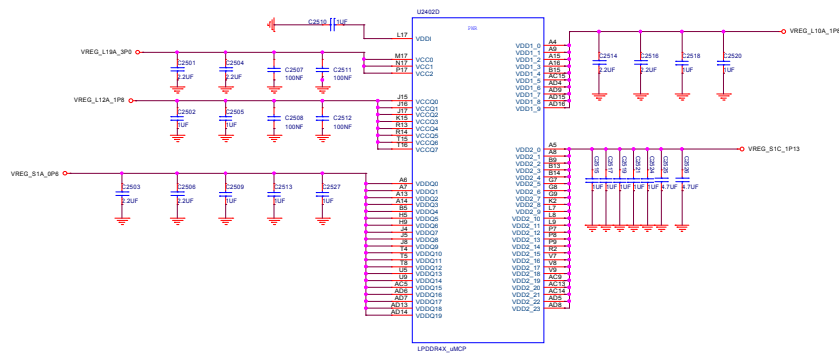
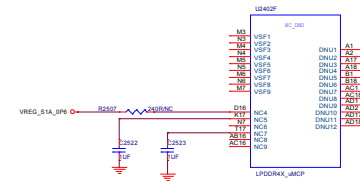
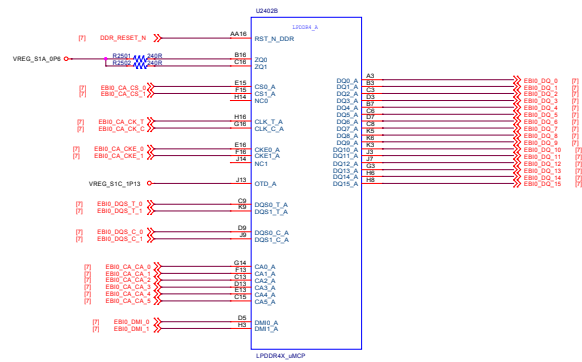


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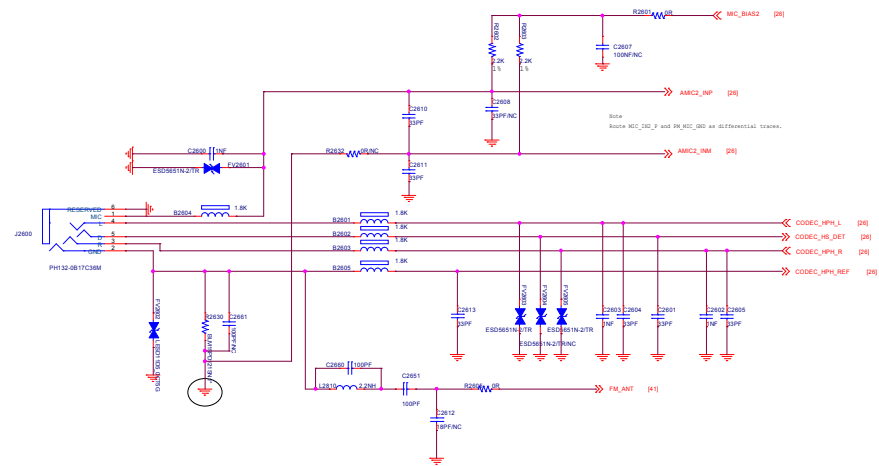


RESERVED

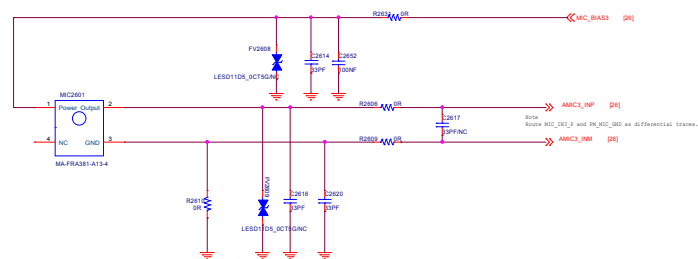


LPDDR4X

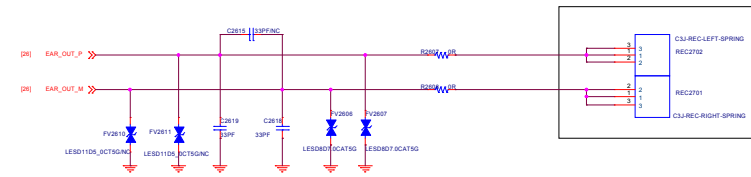
AUDIO JACK (NO type)



ANC MIC

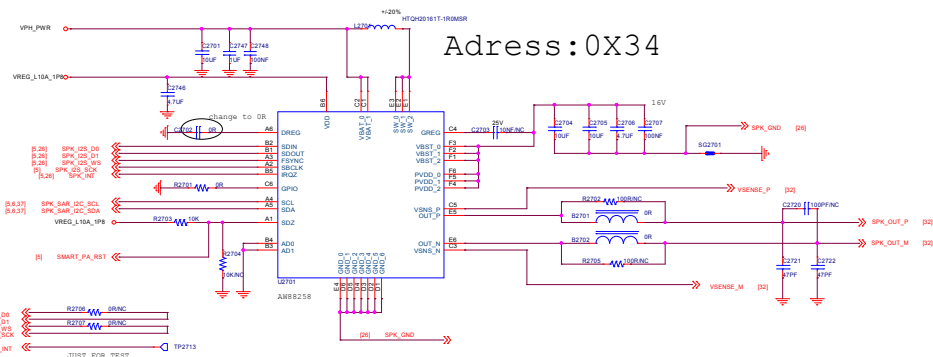


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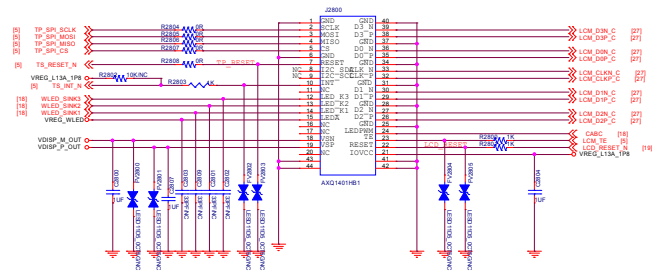


AUDIO PARTS

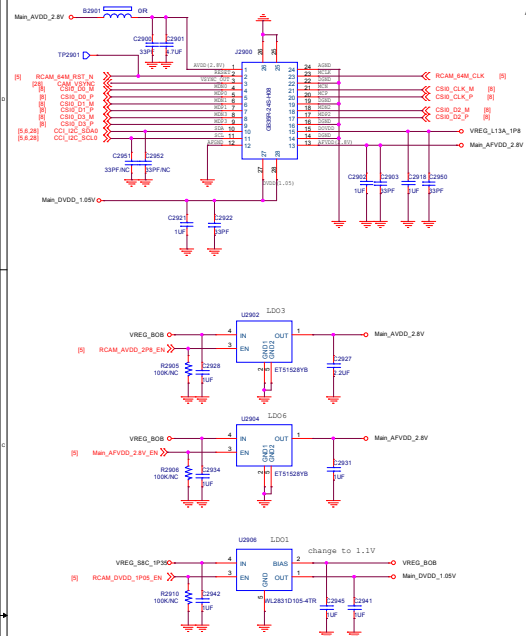
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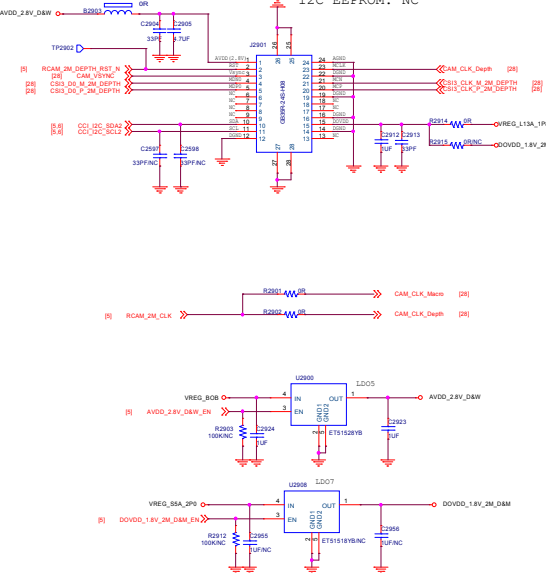
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I2C Driver IC: 0X18(W)/0X19(R)
I2C EEPROM: 0XB0(W)/0XB1(R)



```

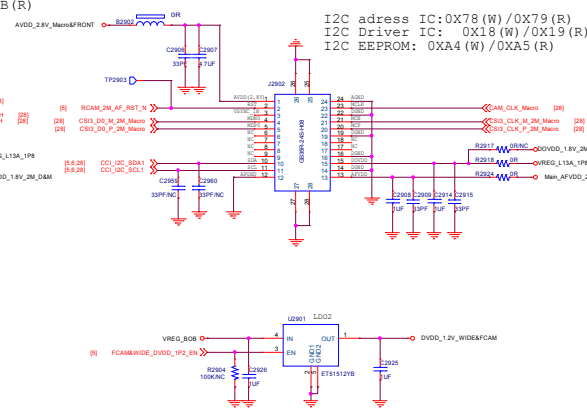
I2C address IC:0X7A(W)/0X7B(R)
I2C Driver IC: NC
I2C EEPROM: NC

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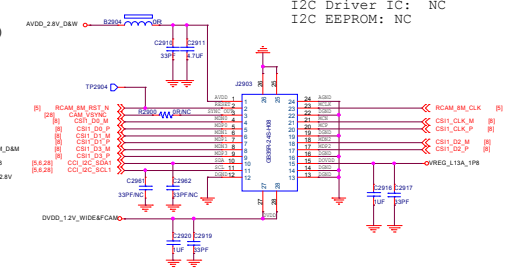


AF Macro

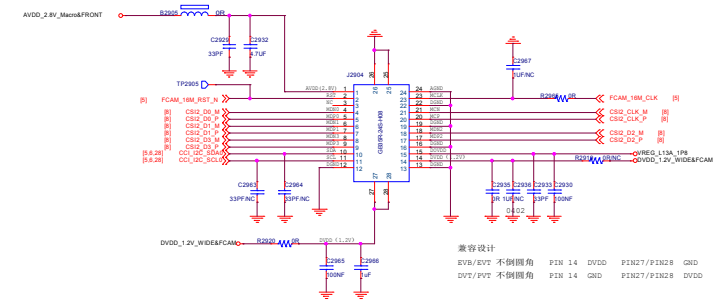
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I2C address IC:0X78 (W) /0X79 (R)
I2C Driver IC: 0X18 (W) /0X19 (R)
I2C EEPROM: 0XA4 (W) /0XA5 (R)
```



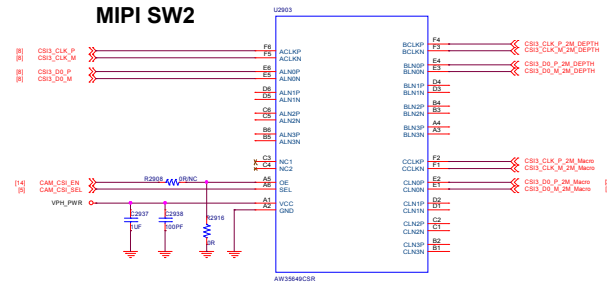
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I2C adress IC:0X5A(W)/0X5B(R)
I2C Driver IC: NC
I2C EEPROM: NC
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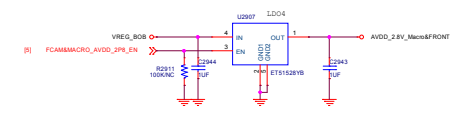
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I2C address IC:0X20 (W) /0X21 (R)
I2C Driver IC: NC
I2C EEPROM: 0XA2 (W) /0XA3 (R)
```



2M depth



2M Macro



		64N	3N	Depth	3N	Macro	6N	16N	Note
DVDD(1.05V)	L001	1	1	1	1	1	1	1	
DVDD(1.2V)	L002						1	1	
AVDD1(2.8V)	L003	1							
AVDD2(2.8V)	L004				1	1		1	
AVDD3(2.8V)	L005			1	1		1		
APVDD	L006	1				1			
DVDD预留				0(1)		0(1)			
DVDD VREG	I13A, I198	1	1	1	1	1	1	1	

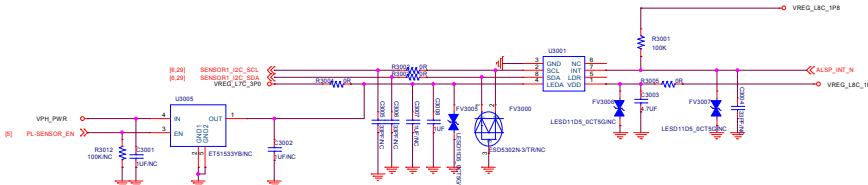
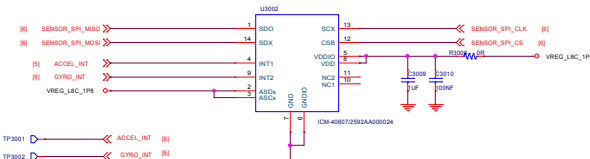
Camera	I2C	MCLK	MIPI
Rear Main	I2C0	MCLK2	CSIPHY0
Front	I2C0	MCLK0	CSIPHY2
Depth	I2C2	MCLK3	CSIPHY3
Wide	I2C1	MCLK1	CSIPHY1
Macro	I2C1	MCLK3	CSIPHY3

兼容设计				
EVB/EVT 不倒圆角	PIN 14	DVDD	PIN27/PIN28	GND
DVT/PVT 不倒圆角	PIN 14	GND	PIN27/PIN28	DVDD

ALS/PROXIMITY SENSOR

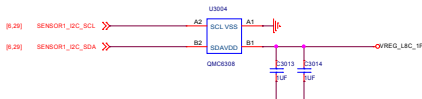
A+GYRO

一供: ICM-40607 2592AA000024
二供: LSM6DS3TR-C 2592AA000002

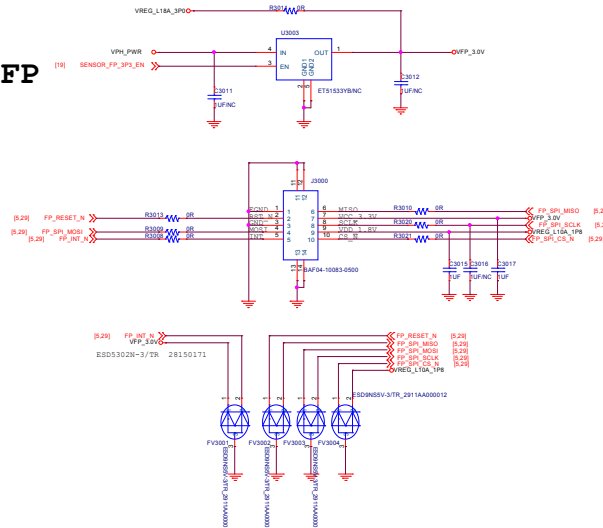


Magnetic Sensor

QMC6308 2591AA00006



FI

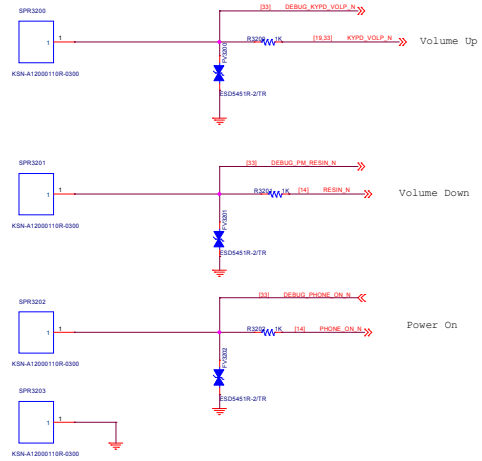


SENSOR

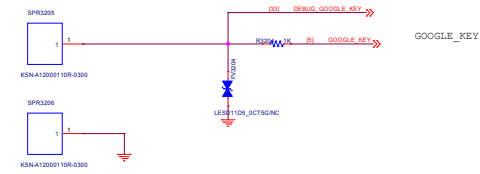
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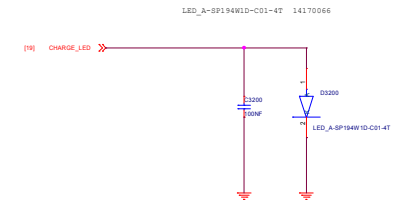
Side key



Google key



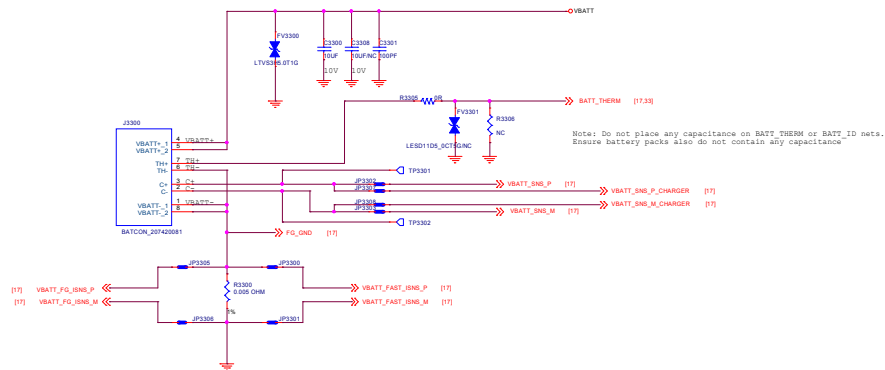
Charger indicator



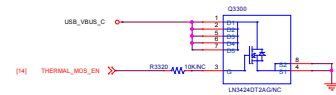
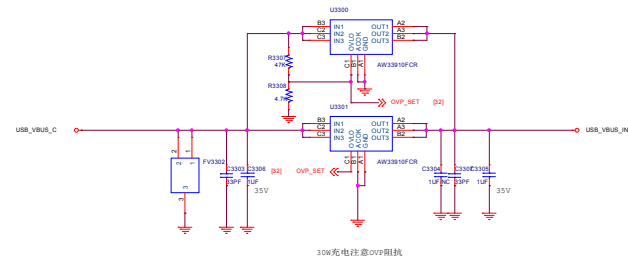
KEYPAD AND INDICATOR

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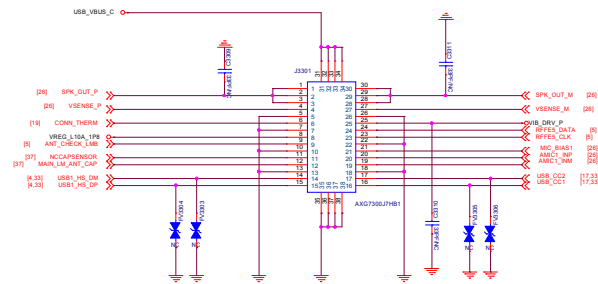
Battery Connector



OVP



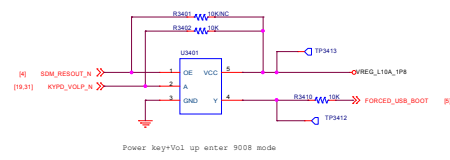
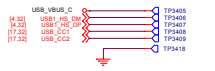
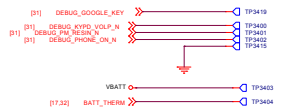
Sub Board Connector



Ensure a flyback diode is connected across the Vibrator motor.

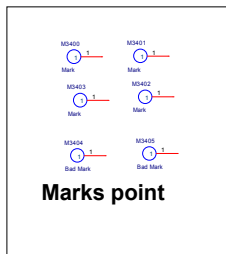
BAT/B2B CONNECTOR

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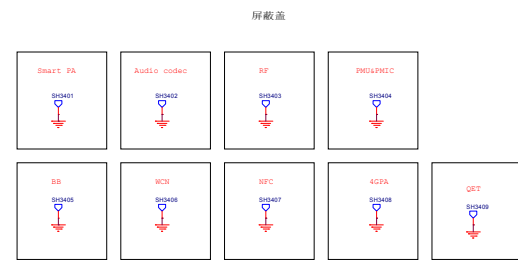
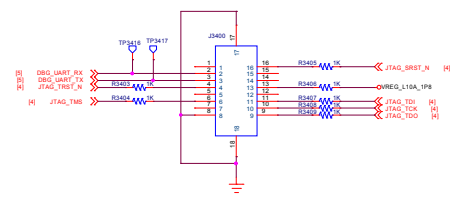


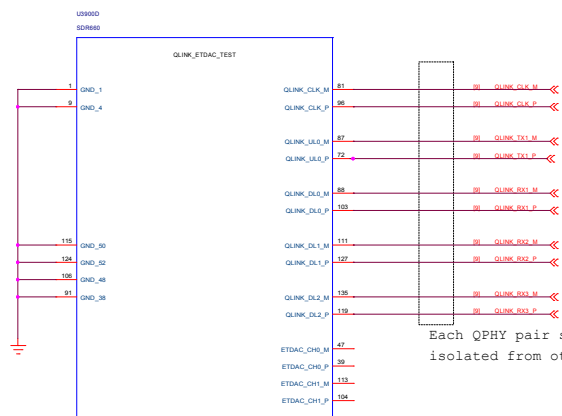
Power key+Vol up enter 9008 mode

INPUT	OUTPUT
CE A Y	
L H L	
L L R	
R X Z	



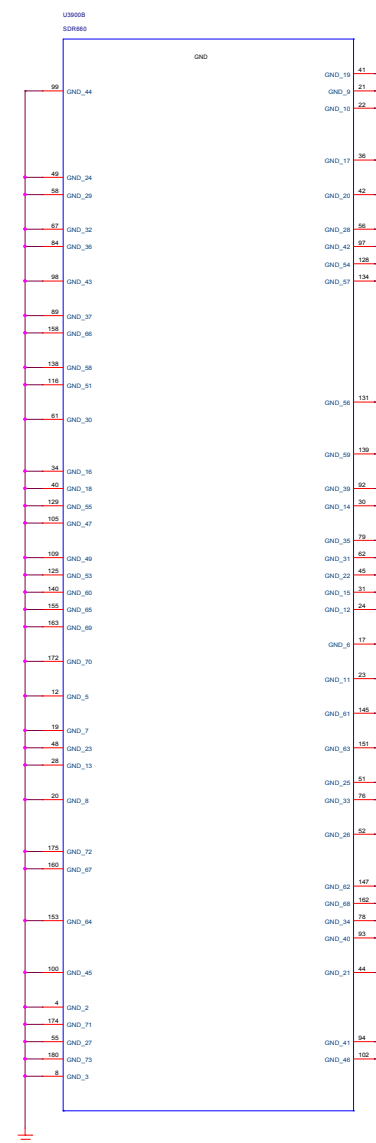
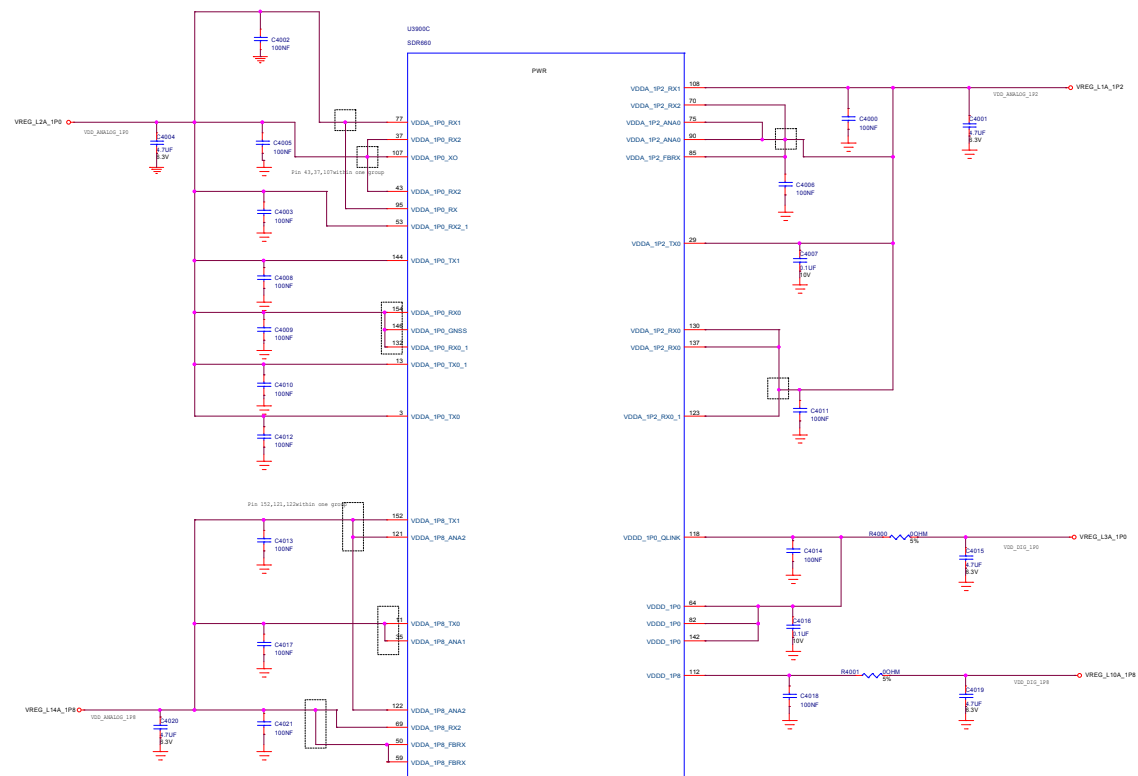
Marks point





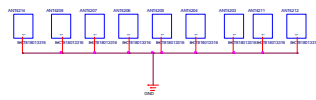
Each QPHY pair shall be routed in a channel together isolated from other QPHY pairs with surrounding gnd

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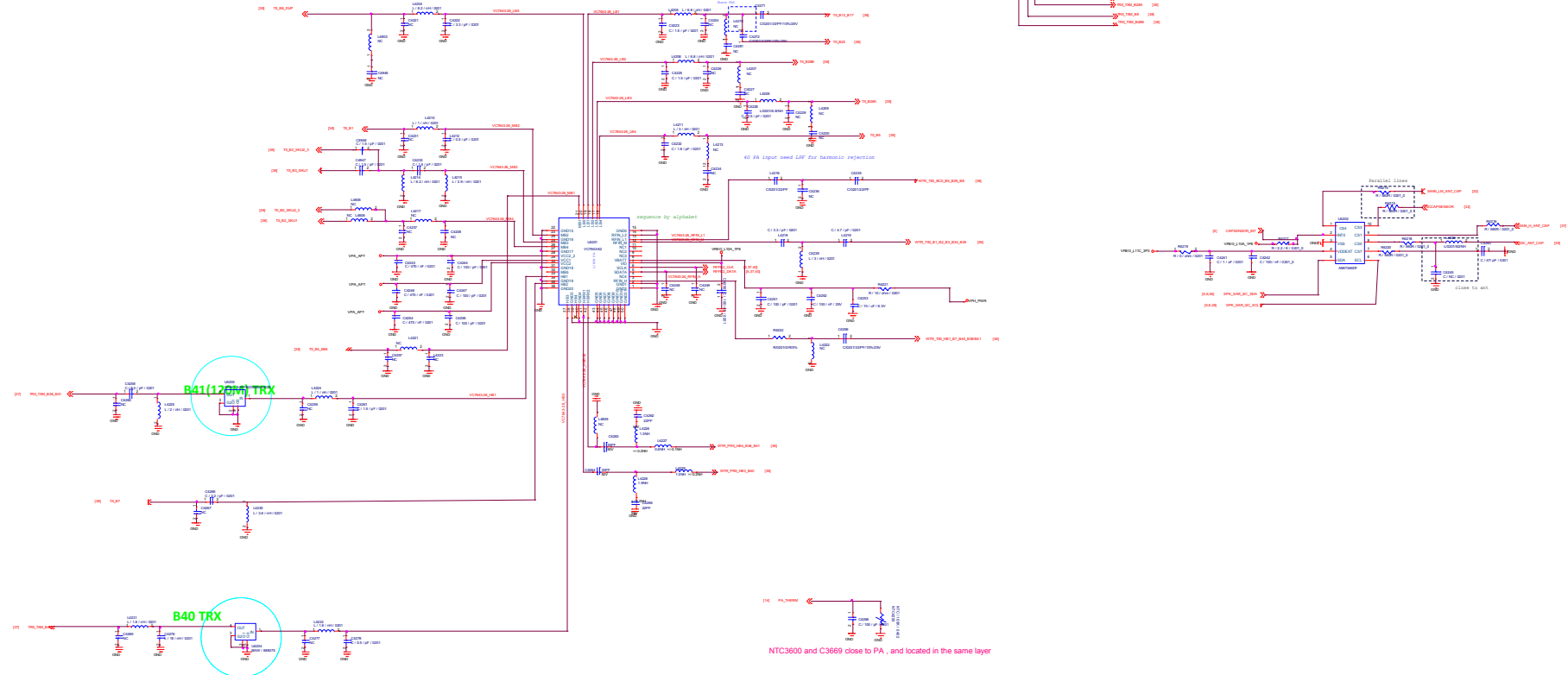
SDR660: PWR

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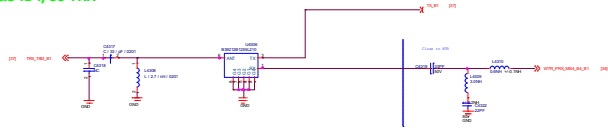


Primary-ANT

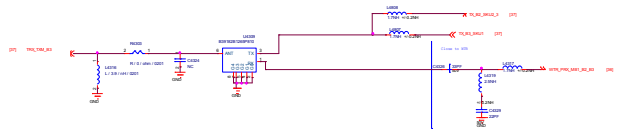
2G_PAIN_LB 2G_PAIN_HB



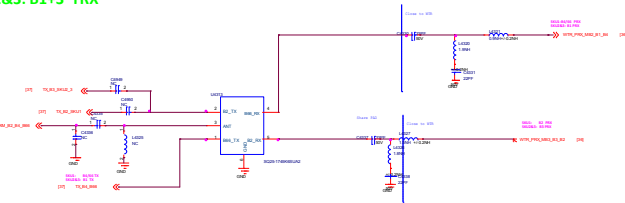
SKU1 :B1 TRX
SKU2 &3 :B4/66 TRX



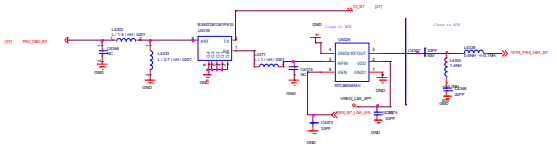
SKU1 : B3 TRX
SK2&3 : B2 TRX



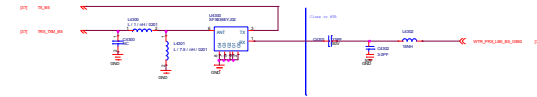
SKU1:B2+B4/66 TRX
SKU2&3: B1+3 TRX



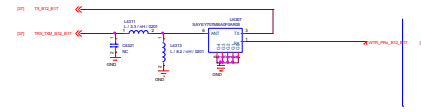
B7 TRX



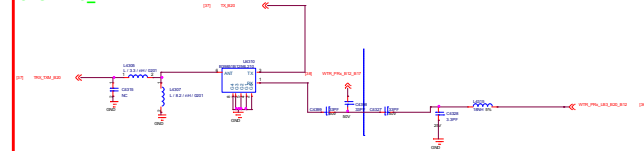
B5/26 TRX



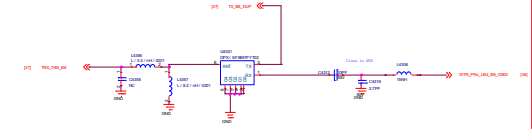
SKU1:B12_17 TRX



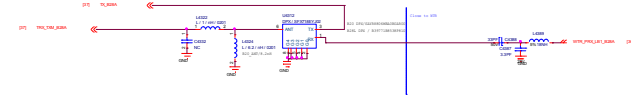
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B8 TRX



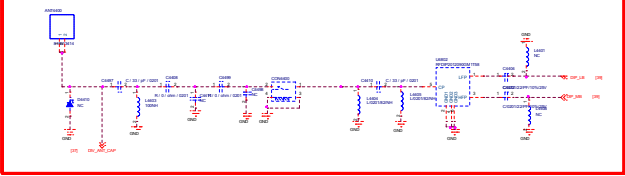
B28A TRX



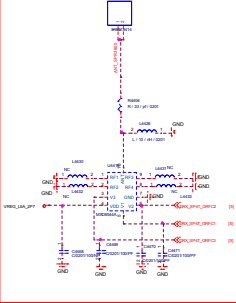
B28B TRX



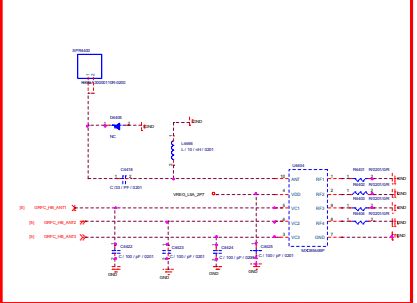
LMB DIV ANT



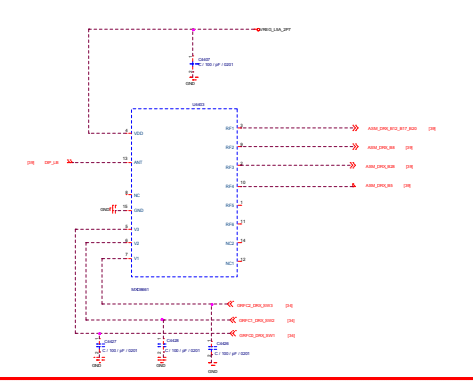
LMB DIV ANT Tunner Switch



HB MAIN ANT Tunner Switch



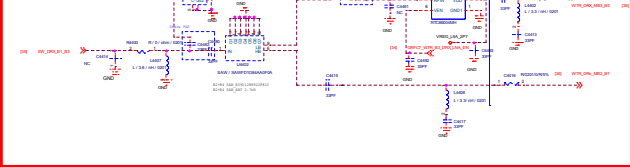
LB SP4T SWITCH



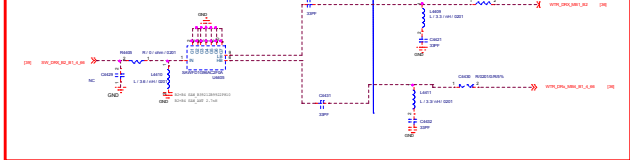
MB SPDT SWITCH



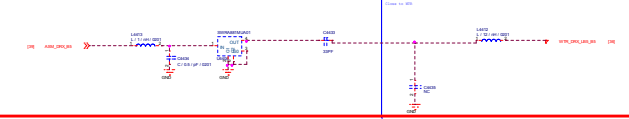
SKU1:B3 DRX
SKU2&3:B1+B3 DRX



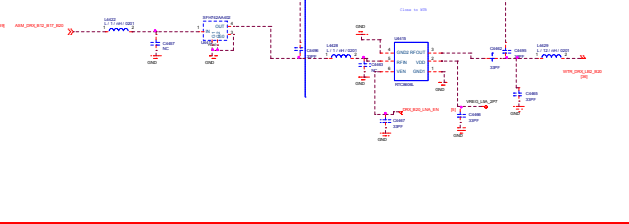
SKU1:B2+B1/4/66 DRX
SKU2&3:B2+B4/66 DRX



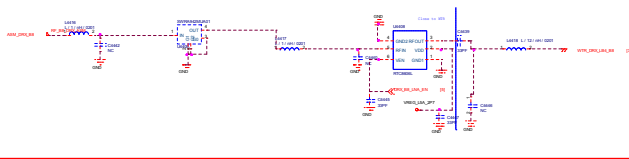
B5 DRX



SKU1:B12 /17 DRX
SKU2:B20+eLNA DRX



B8 DRX



B28_ DRX



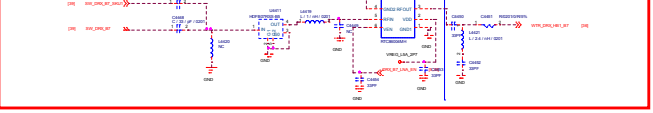
HB DIV ANT



HB SP3T SWITCH



B7 DRX

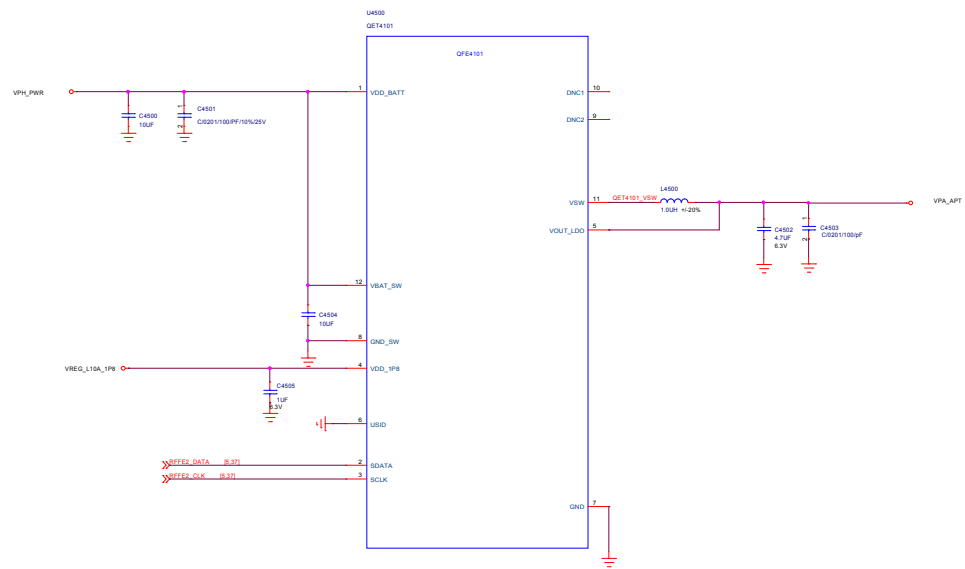


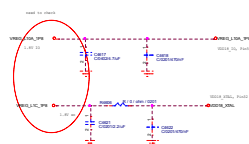
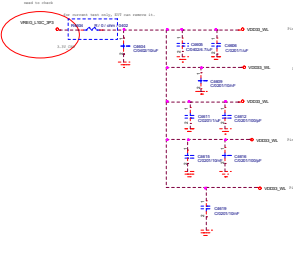
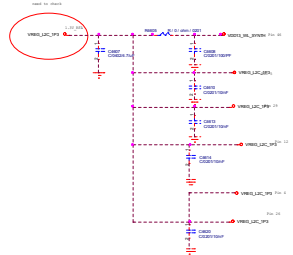
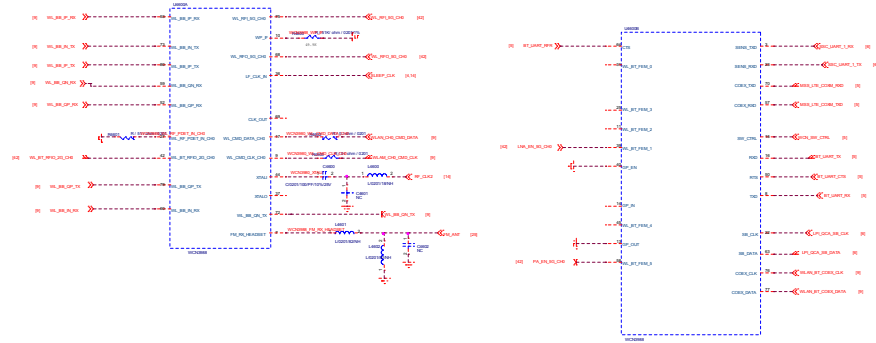
B40 DRX



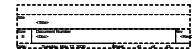
B38_ B41 DRX

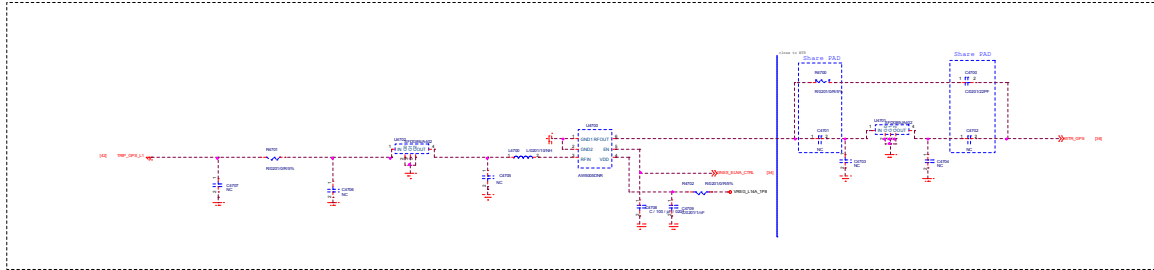






PHIC Rail	Pin Name	Pin Number	Peak current at pin(mA)
1.3V_RFA	VDD13_BT_BB_WL	26	120
	VDD13_WL_SYNTN_CHD	46	40
	VDD13_BT_SYNTN	5	15
	VDD11D_PM	43	20
	VDD13_PM	12	15
	VDD13_BT_PM_BBPLL	4	10
3.3V_CHD	VDD13_BT_PM	23	20
	VDD13_WL_CHD	45	400
	VDD13_WL_SQDA_DRV_CHD	41	70
	VDD13_WL_BT_DRV_CHD	34	65
	VDD13_PM_DLD0	71	5
1.8V_ID	VDD18_ID	56	15
	VDD18_XTAL	32	60





GPS L1

