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STAR_REV0.8B

2017.11.16

sheet01 : RF (1/2)
sheet02 : RF (2/2)
sheet03 : CP, TRANSCEIVER, MEMORY
sheet04 : SENSORS, HUB, BT/WIFI, NFC, GPS, FM, BTP
sheet05 : EXYNOS, SIM SOCKET
sheet06 : EXYNOS
sheet07 : POWER(PMIC), IF PMIC, WPC, MST
sheet08 : AUDIO CODEC, SUB PCB
sheet09 : DISPLAY, CAMERA
sheet10 : IRIS CAM, DUAL CAM

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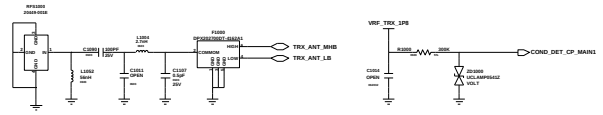
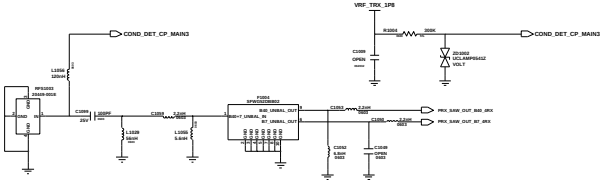
RF1 - MAIN_ANT

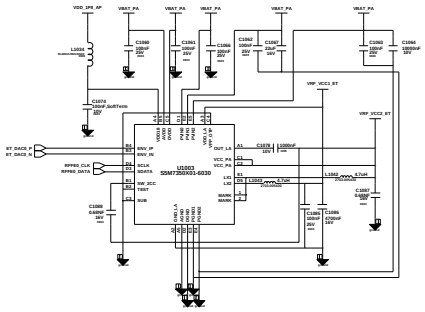


MAIN ANT1 LB/MB/HB (GSM, B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/32/34/66, TDD B38/39/40/41)

MAIN ANT2 SCC & 4RX (B1/3/4/)



MAIN ANT3 4RX (B7/40)



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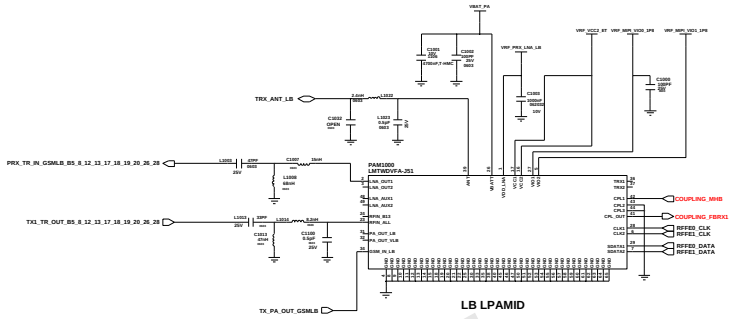
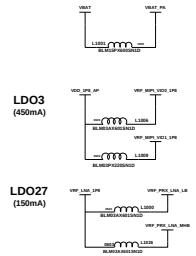
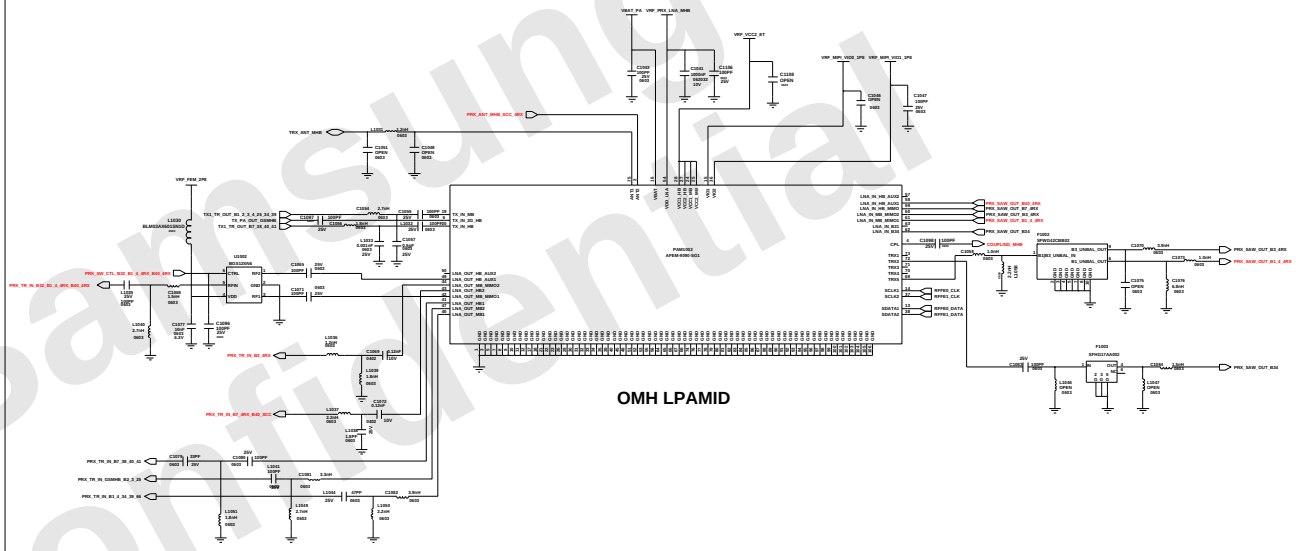


LB LPAMID



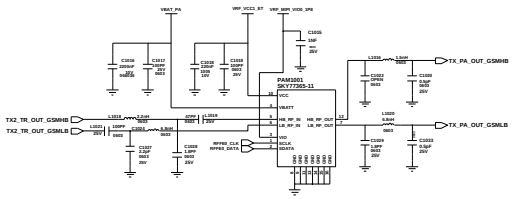
LDO3 (450mA)

LDO27 (150mA)



OMH LPAMID

GSM PA



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user	Thursday, April 27, 2017	8:29:13 am

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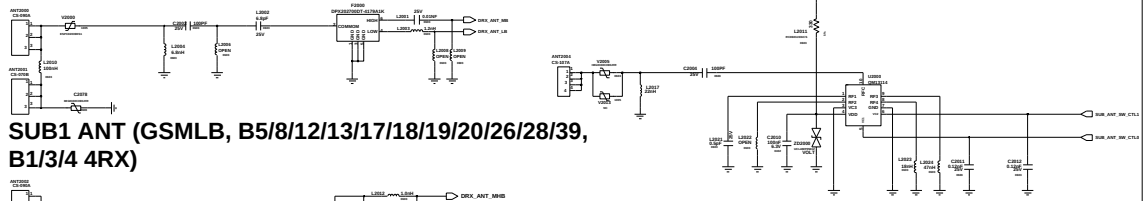
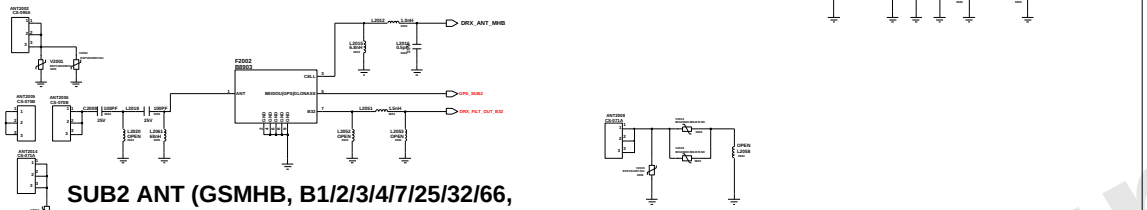
RF2 - SUB ANT



SUB1 ANT (GSMLB, B5/8/12/13/17/18/19/20/26/28/39, B1/3/4 4RX)



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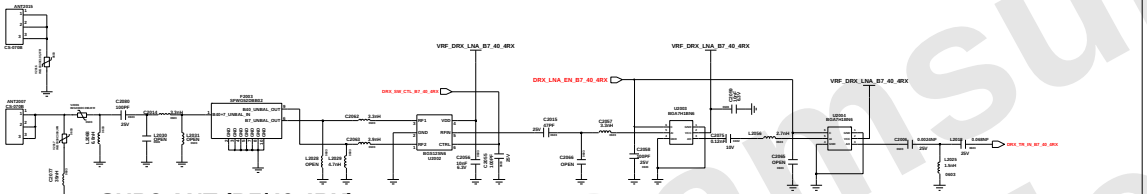
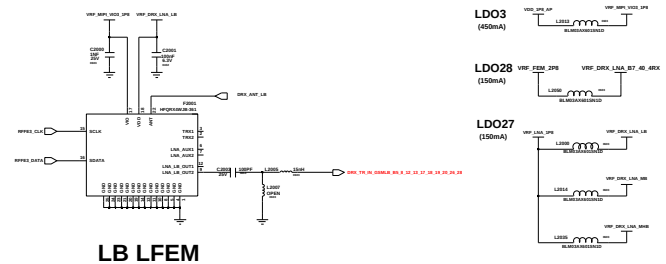


SUB3 ANT (B7/40 4RX)



LB LFEM
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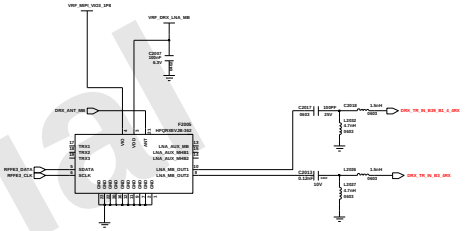
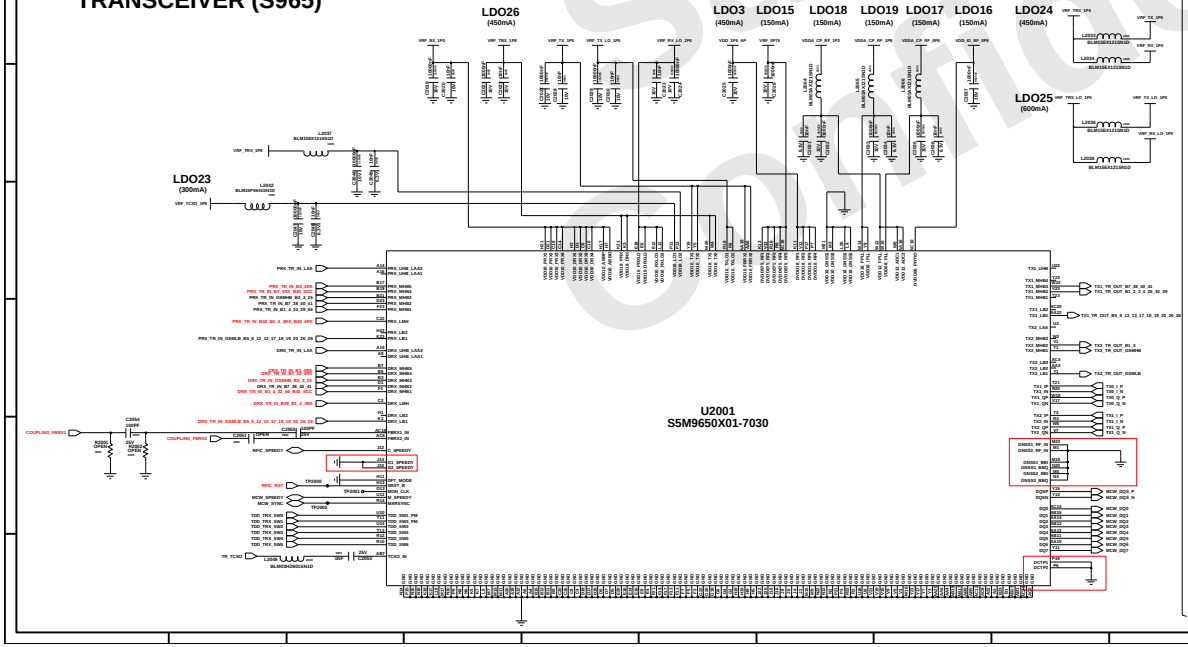
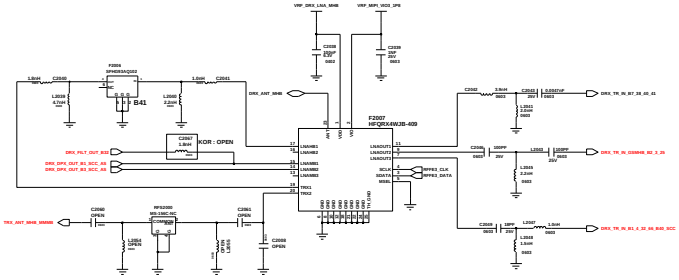


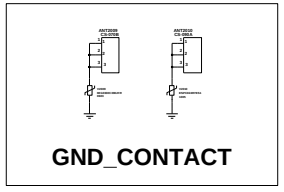
MB LFEM
(B39, B1/3/4 4RX)

TRANSCEIVER (S965)





OMH LFEM
(GSMHB, B1/2/3/4/7/25/32/66, TDD B38/40/41)



GND_CONTACT

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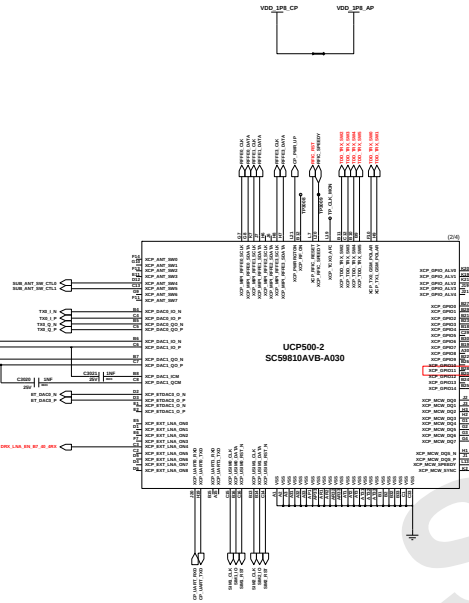
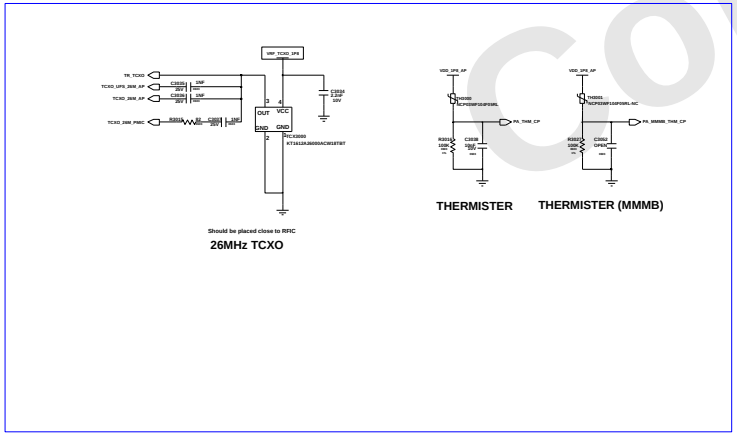
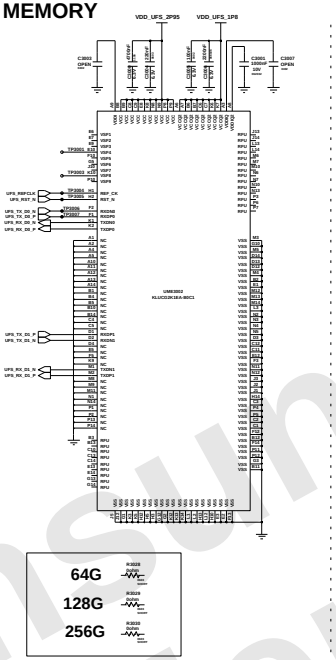
3. AP(EXYNOS9810) CP & UFS MEMORY

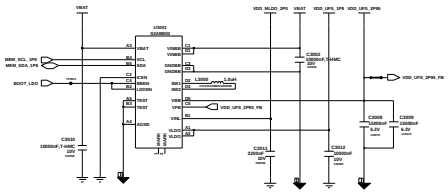


LHOTSE CP

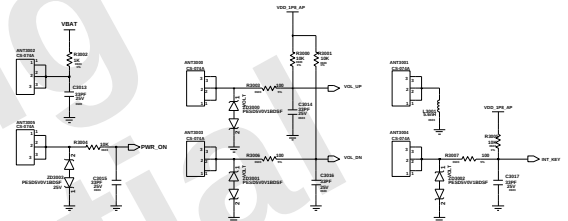


MEMORY

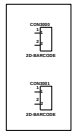




UFS BUCK BOOSTER

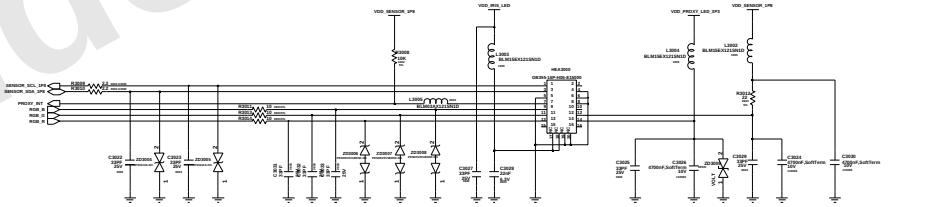


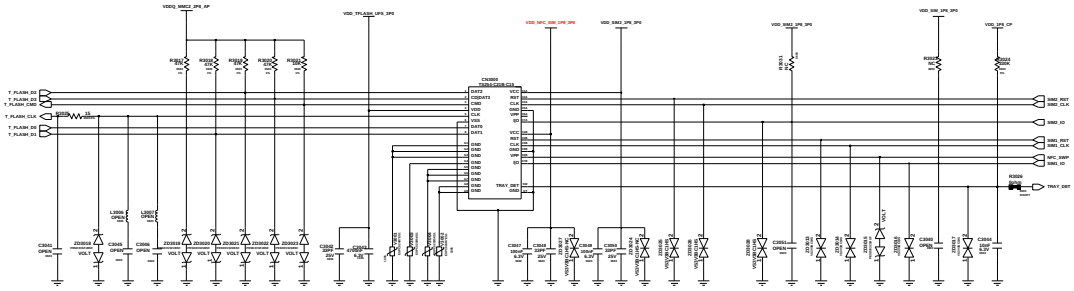
POWER / VOLUME KEY



2D Barcode

T-FLASH / SIM / PROXY / IRIS LED / RGB





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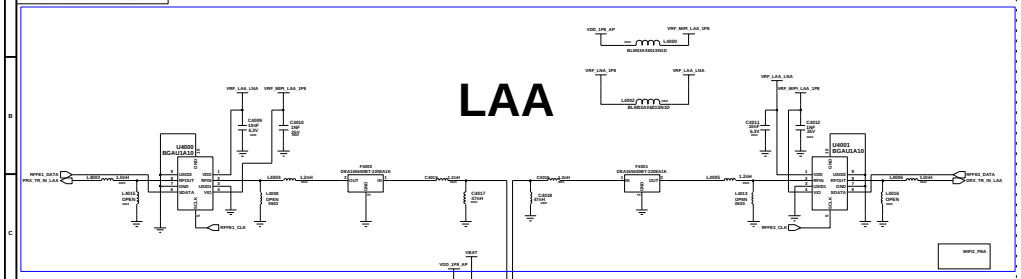
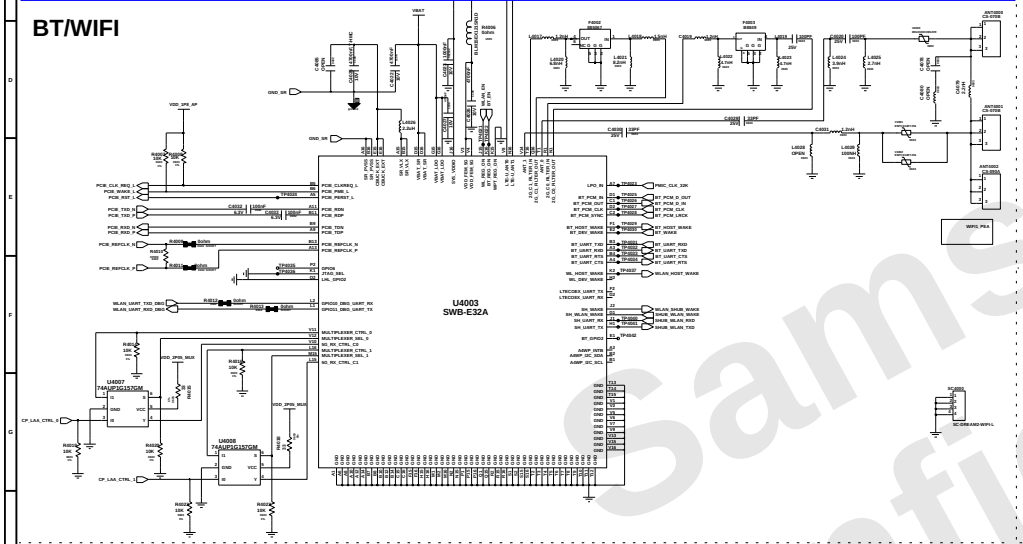
4. CONNECTIVITY / SENSOR



BT/WIFI



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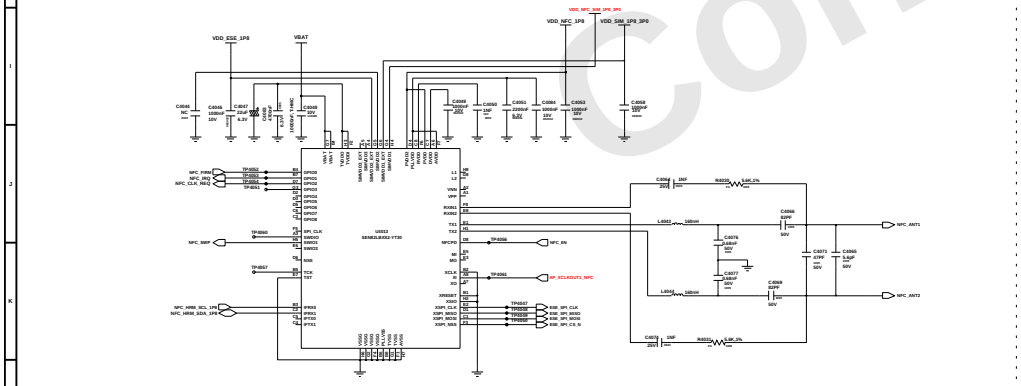
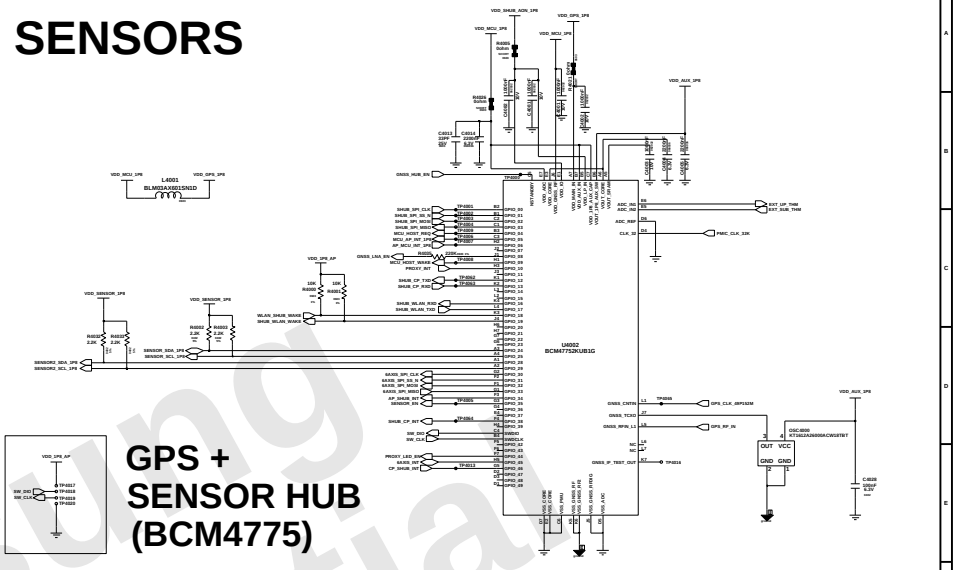
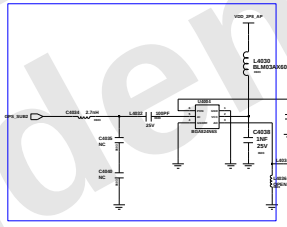


SENSORS

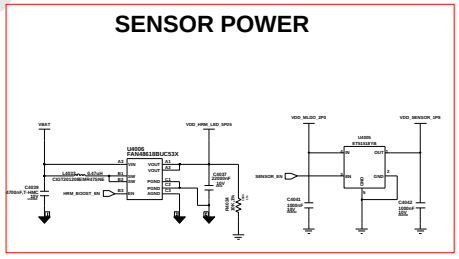


GPS + SENSOR HUB (BCM4775)

GPS



SENSOR POWER



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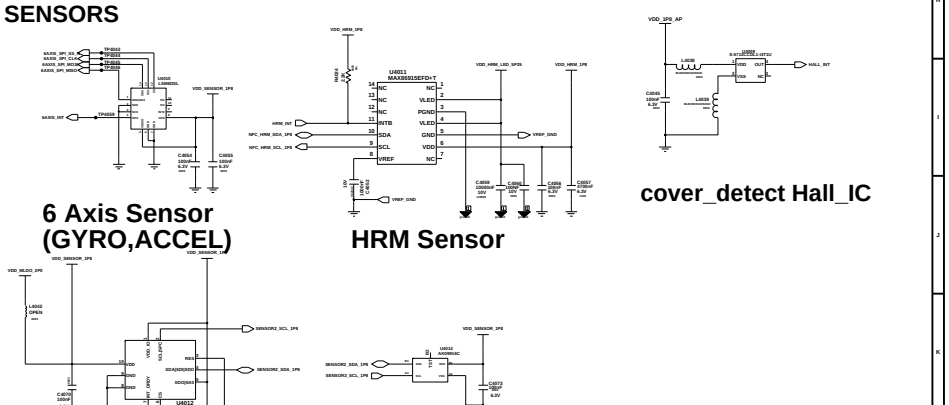

6 Axis Sensor (GYRO,ACCEL)

HRM Sensor

cover_detect Hall_IC

Barometer Sensor

MAGNETIC SENSOR

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Design by:	
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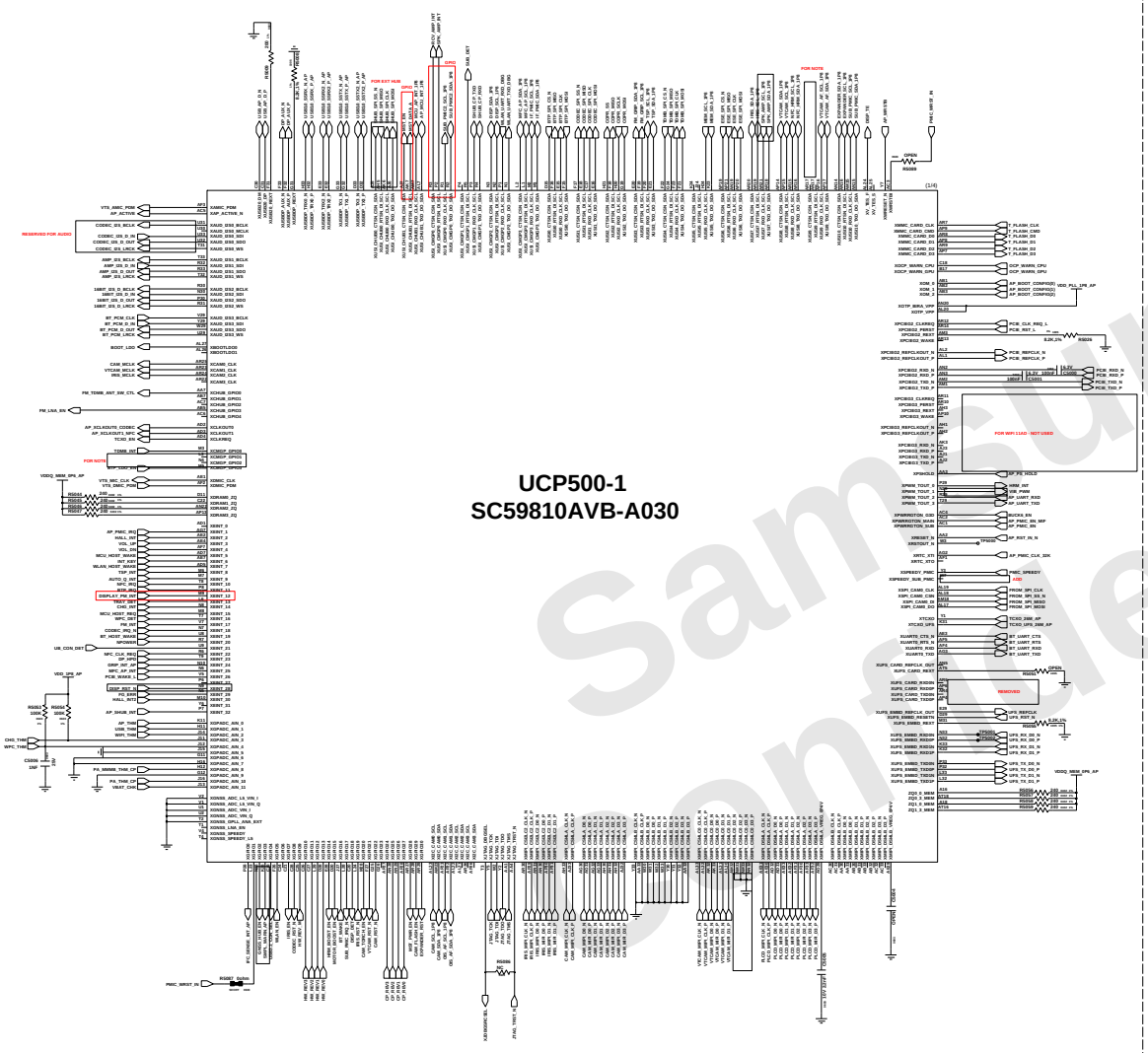
5. LHOTSE & ETC

LHOTSE_AP



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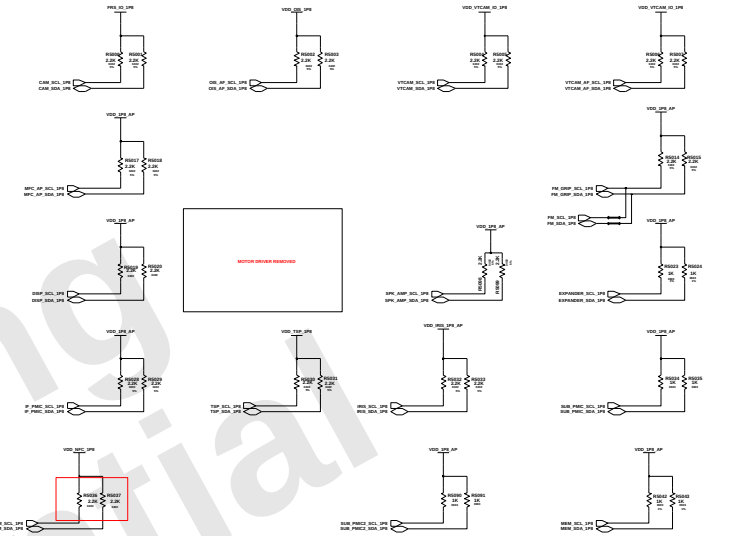

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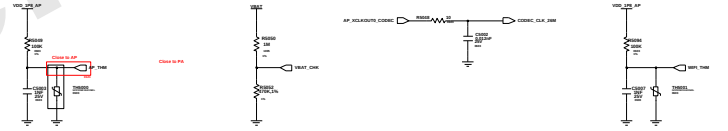
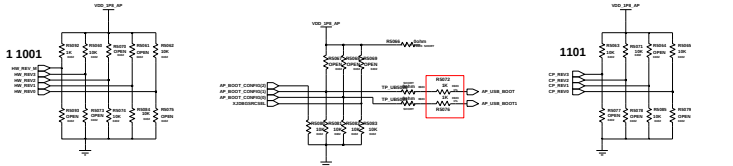


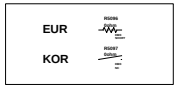


H/W Revision Setting

0 0000	REV0.0_BRING UP
0 0001	REV0.1
0 0010	REV0.2_1st_Half_Board
1 0000	REV0.0
1 0001	REV0.1
1 0010	TEST
1 0011	REV0.2
1 0100	REV0.3
1 0101	REV0.4
1 0110	REV0.5
1 0111	REV0.6
1 1000	REV0.7
1 1001	REV0.8 REV0.8A

OM[2:0]	1st / 2nd
000	UFS_CH0 / USB
001	USB
010	SD CARD / USB
011	UFS_CH0 / SD CARD

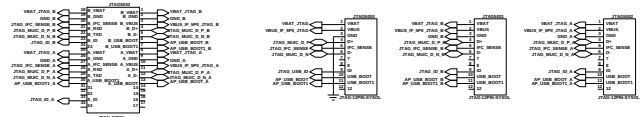
iROM BOOT



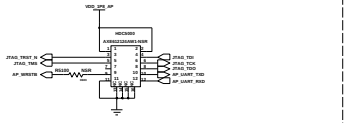
CP H/W Revision Setting

0000	REV0.0_BRING UP
0001	REV0.1
0010	REV0.2_1st_Half Board
0011	REV0.0(REV0.3_QuadFilter)
0100	REV0.1
0101	TEST
0110	REV0.2
0111	REV0.3
1000	REV0.4
1001	REV0.5
1010	REV0.6
1011	REV0.7
1100	REV0.8
1101	REV0.8A

PCB JTAG



JTAG Connector



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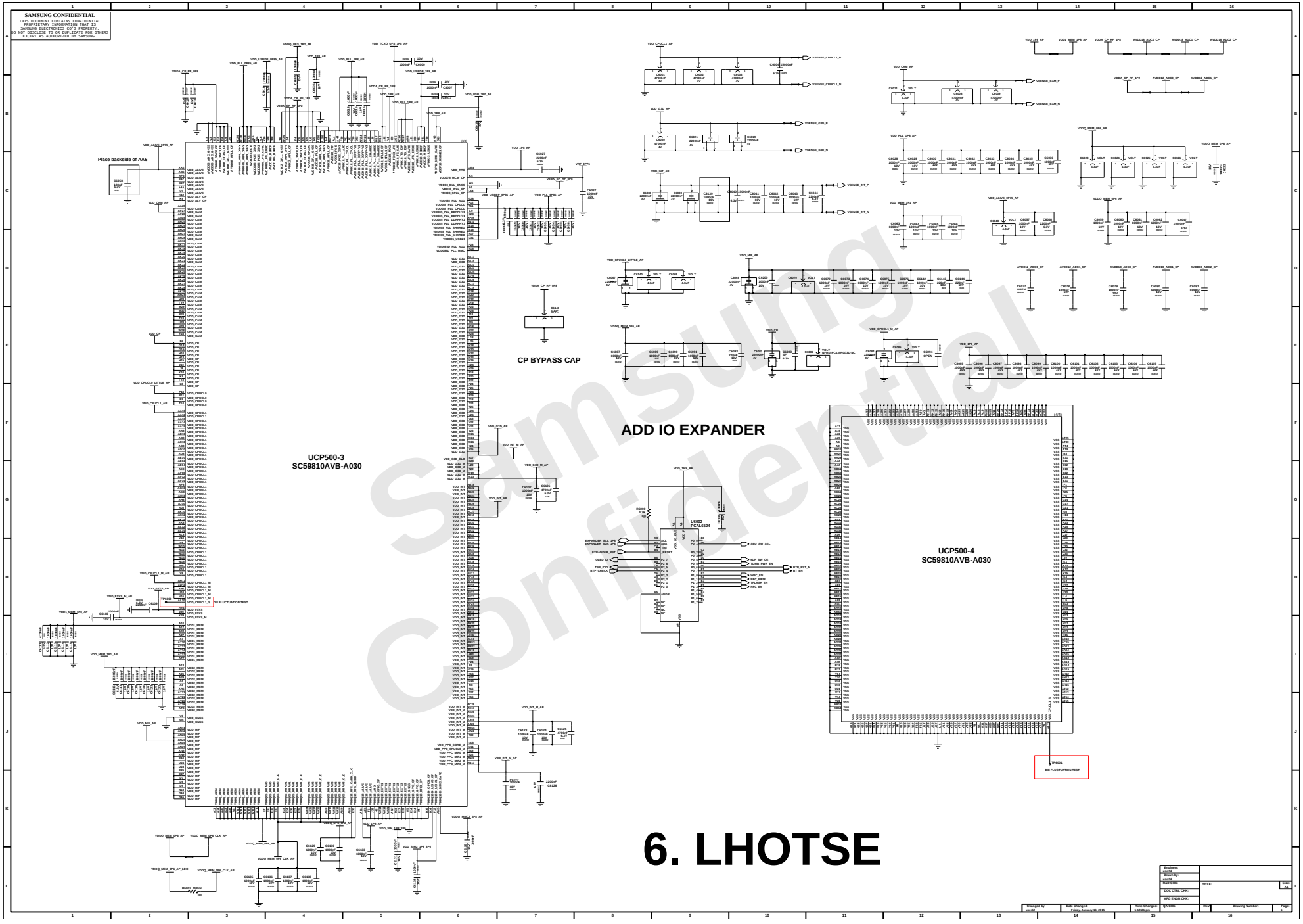

6. LHOTSE

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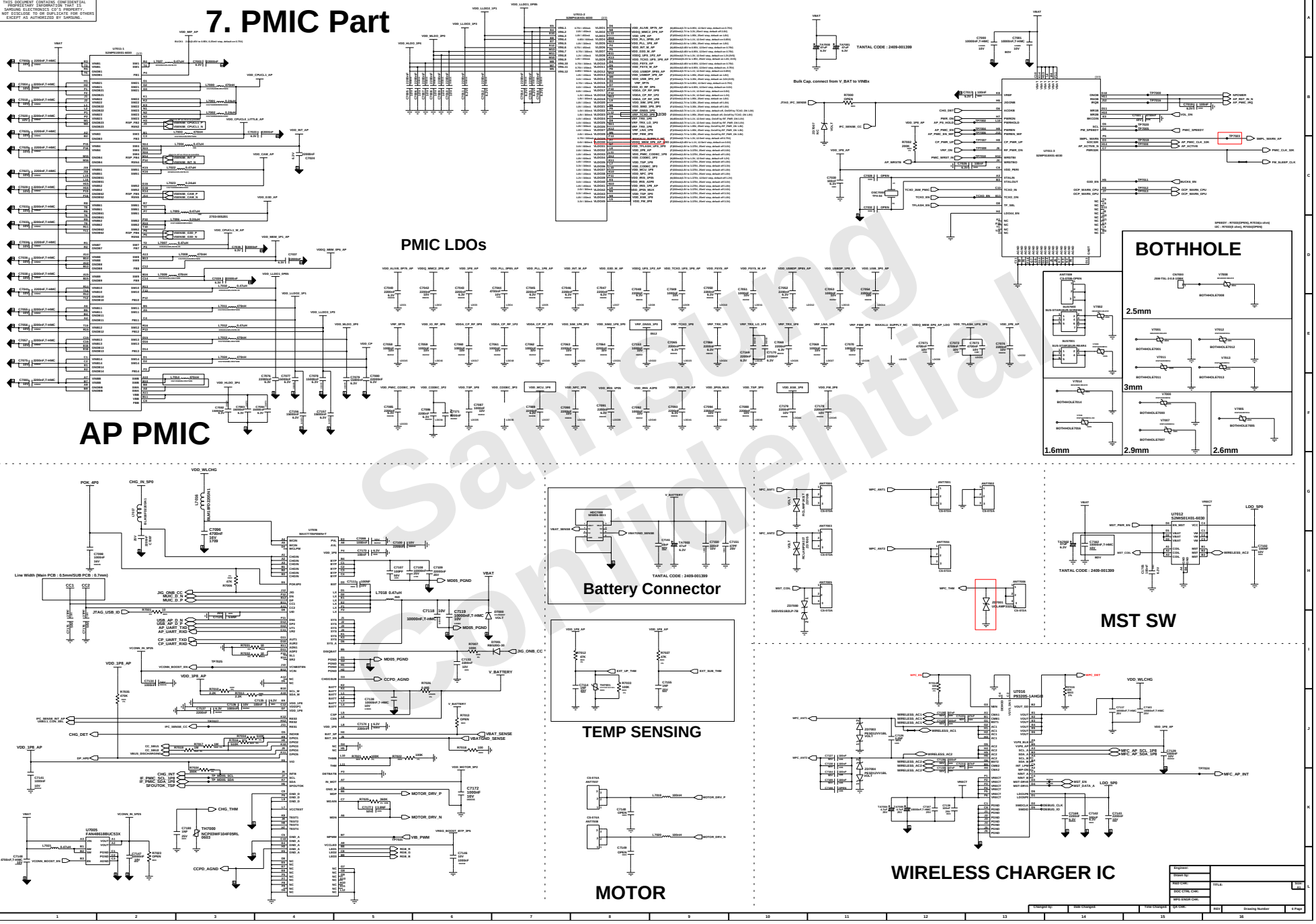
7. PMIC Part



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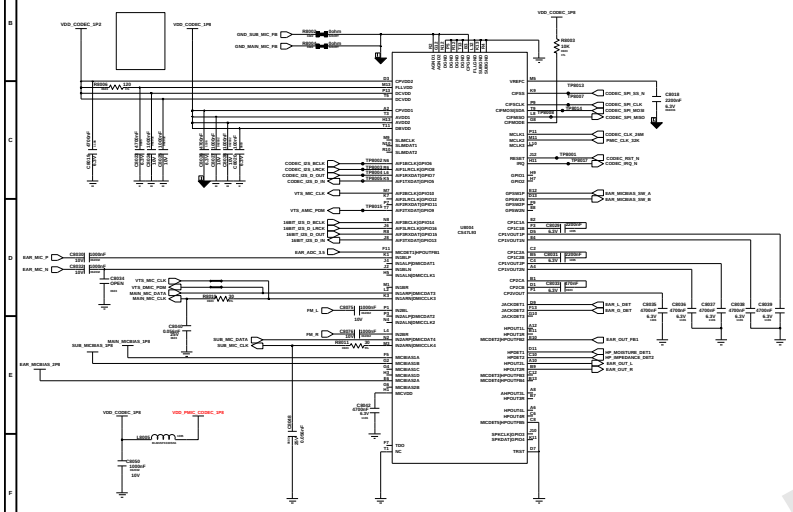
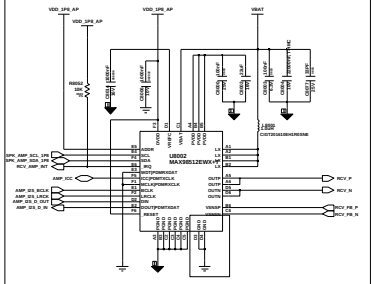
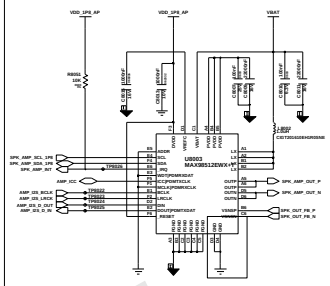
AUDIO



AUDIO CODEC



RCV AMP



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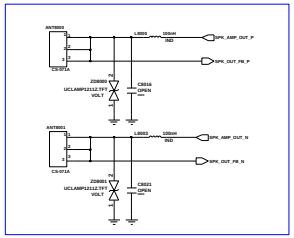

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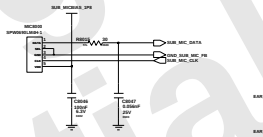

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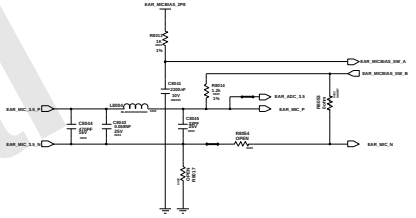

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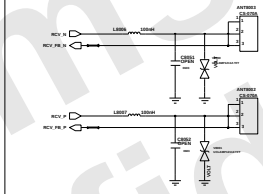

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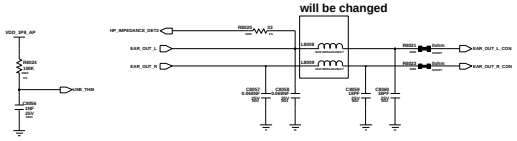

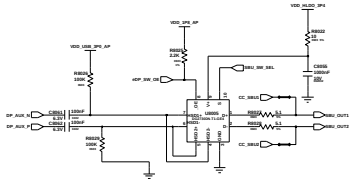

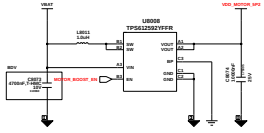

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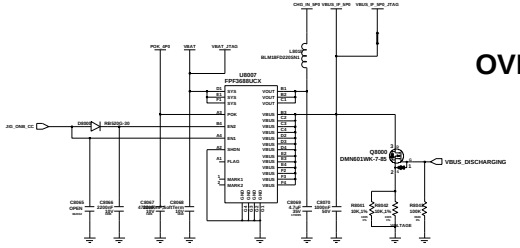

OVP LS

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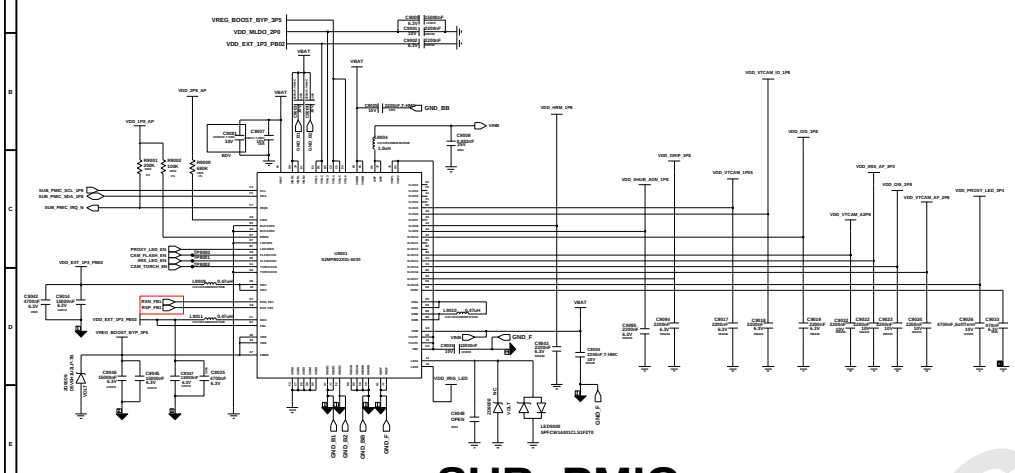
9. VISUAL PART 1/2



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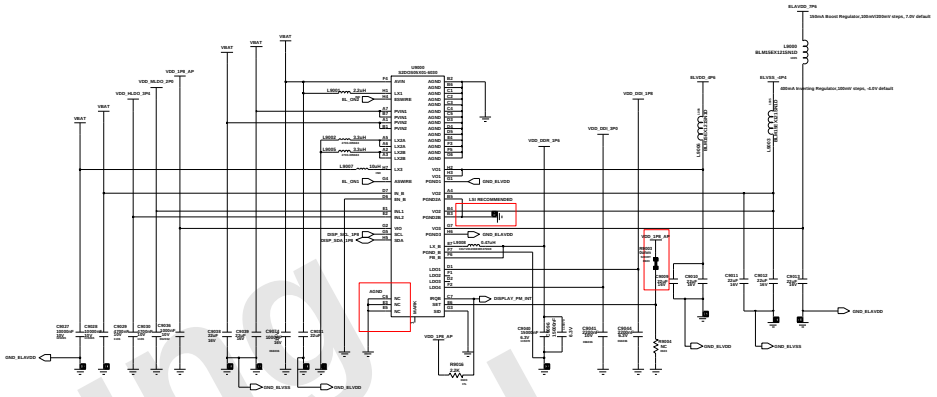

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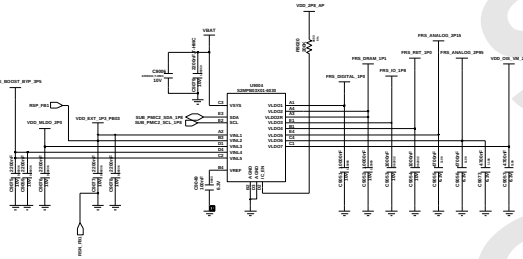

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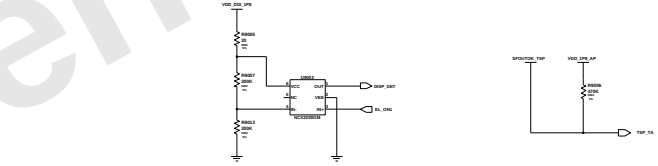

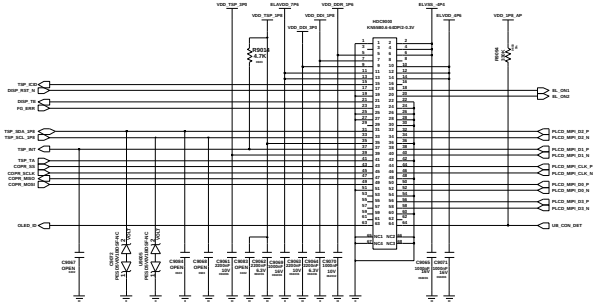

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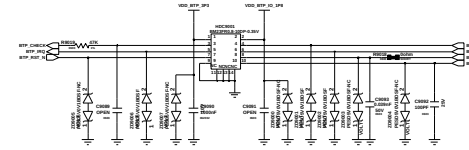

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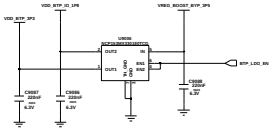

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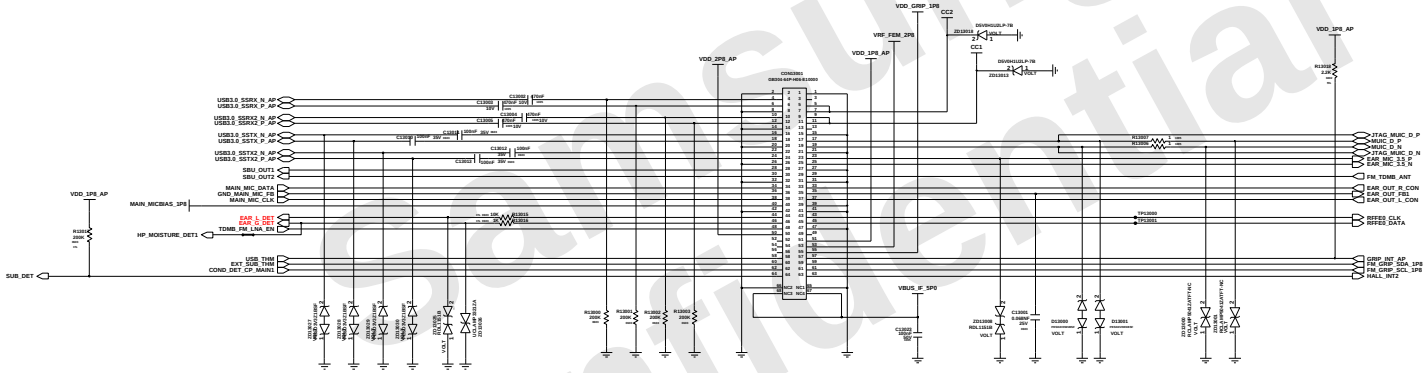

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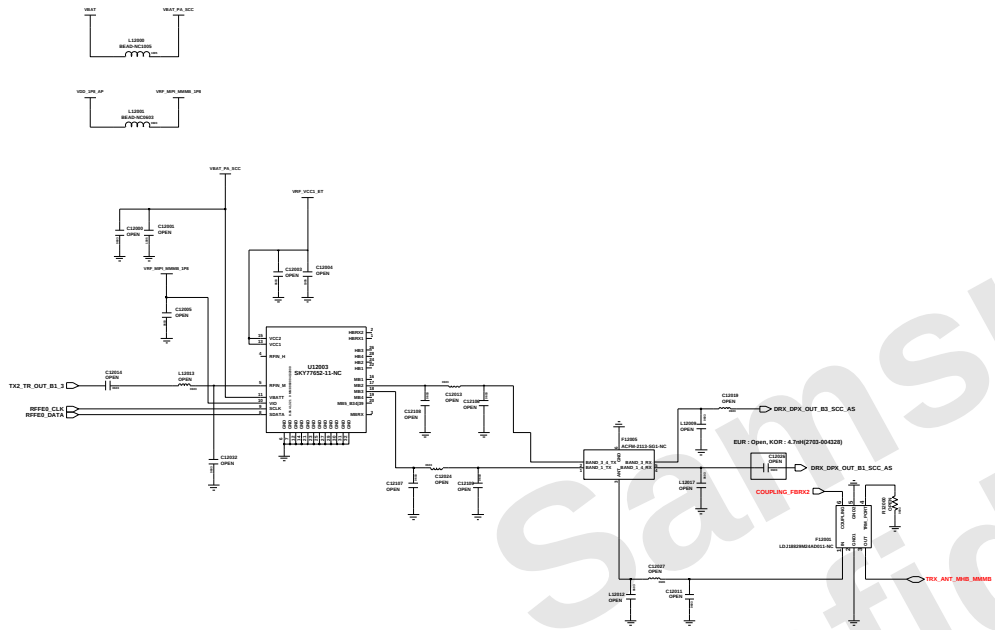

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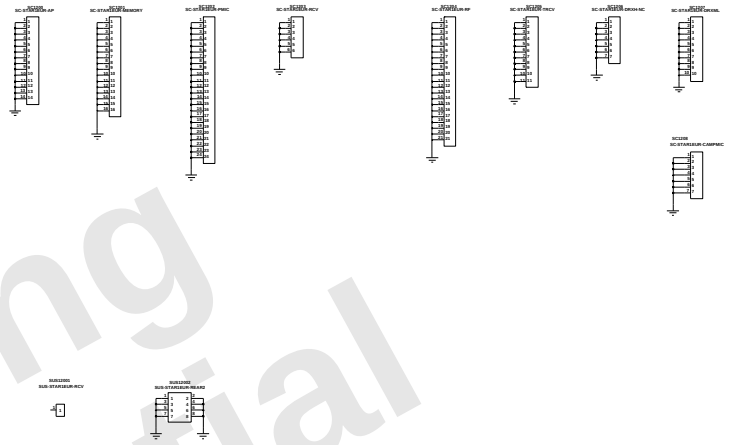

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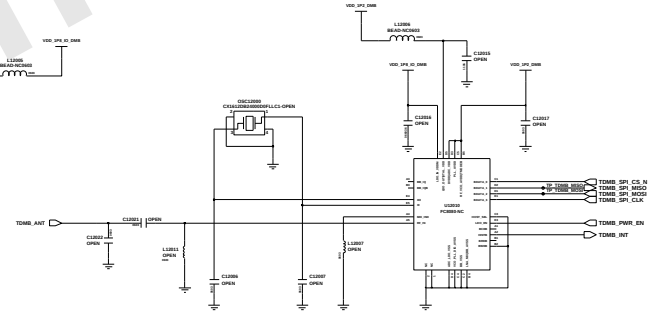

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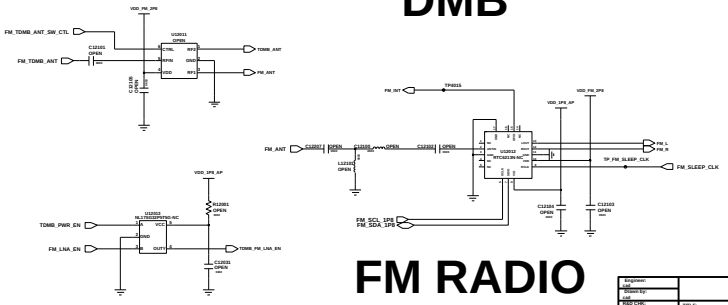

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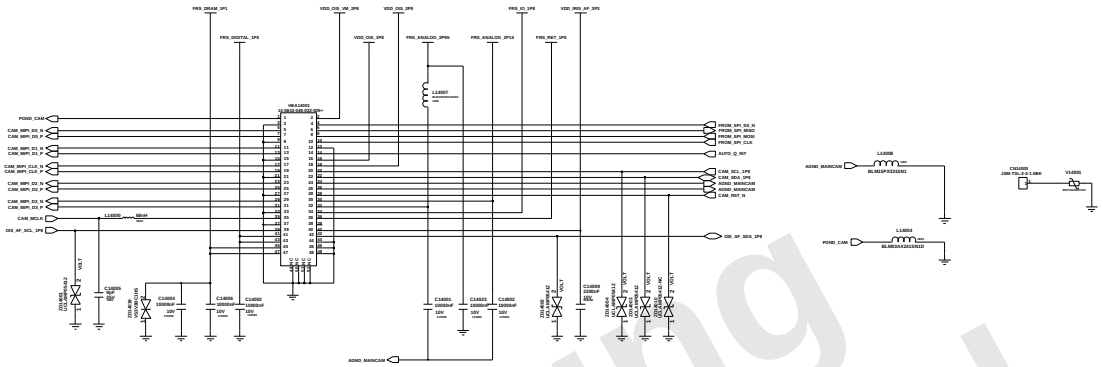

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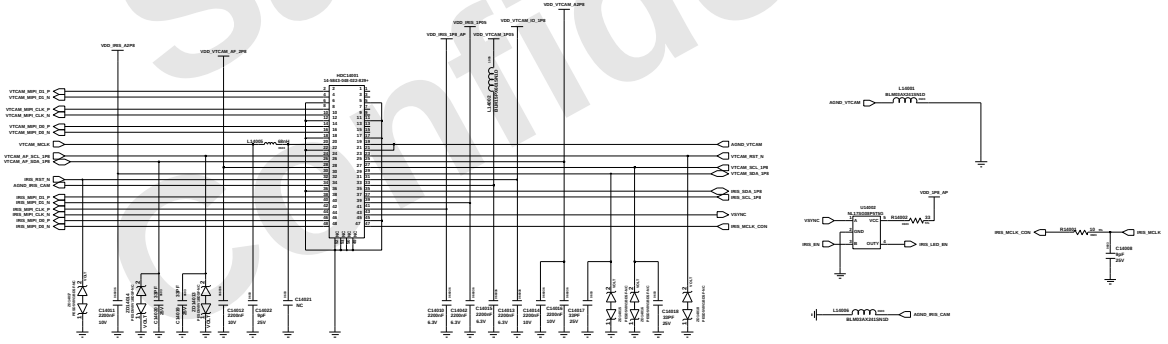

FRONT CAMERA

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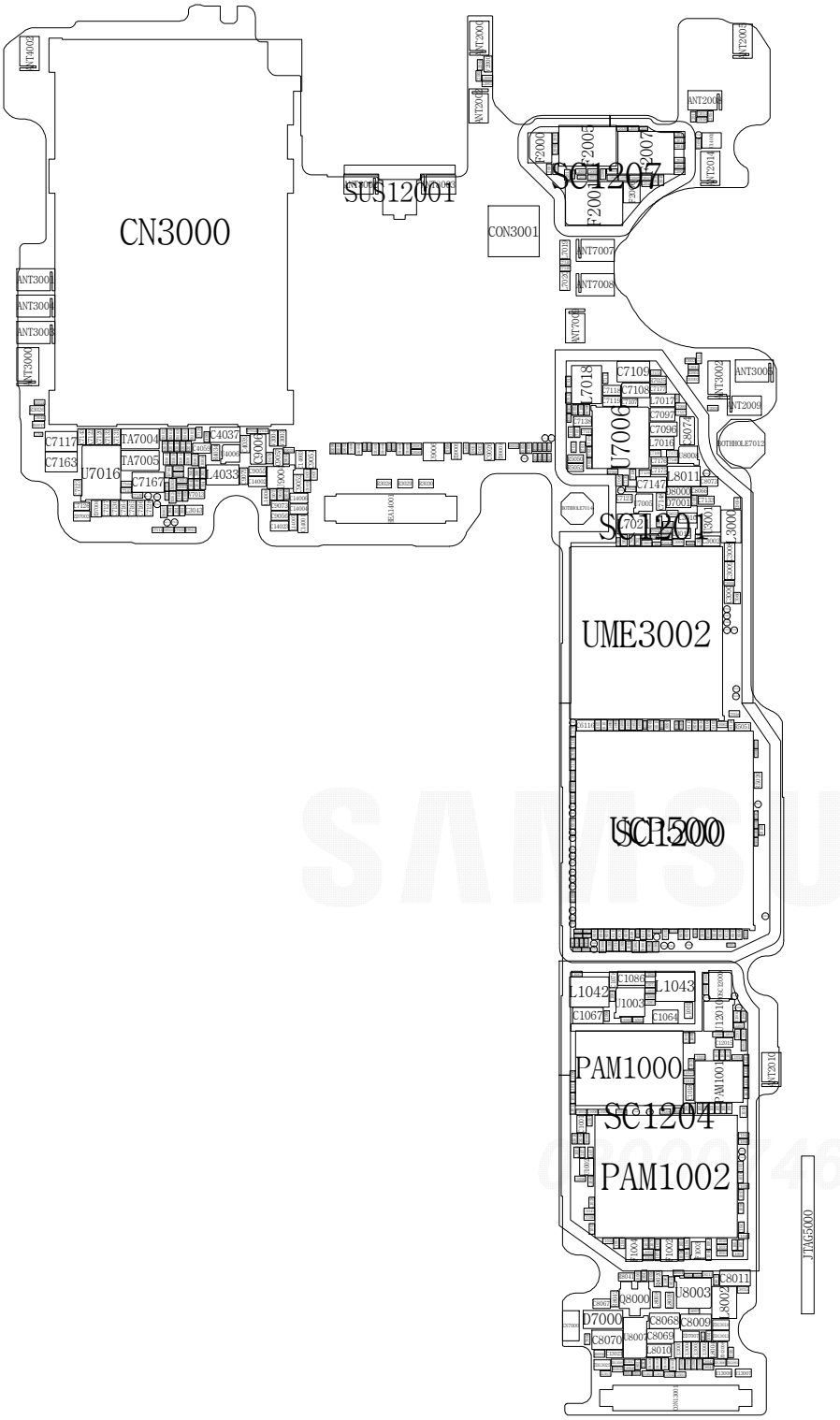
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