

Samsung **SM-G973F** Schematic Diagram



Schematic *Diagram*



SM-G973F REV0.7

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- sheet01 : RF (1/2)
- sheet02 : RF (2/2)
- sheet03 : CP, TRANSCEIVER, MEMORY
- sheet04 : SENSORS, HUB, BT/WIFI, NFC, GPS, FM, BTP
- sheet05 : EXYNOS8895, SIM SOCKET
- sheet06 : EXYNOS8895
- sheet07 : POWER(PMIC), IF PMIC, WPC, MST
- sheet08 : AUDIO CODEC, SUB PCB
- sheet09 : DISPLAY, CAMERA
- sheet10 : IRIS CAM, DUAL CAM

Project		
Sheet No		
Sheet Date	Sheet Title	Page
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Sheet Date	Sheet Title	Page
Sheet Date	Sheet Title	Page



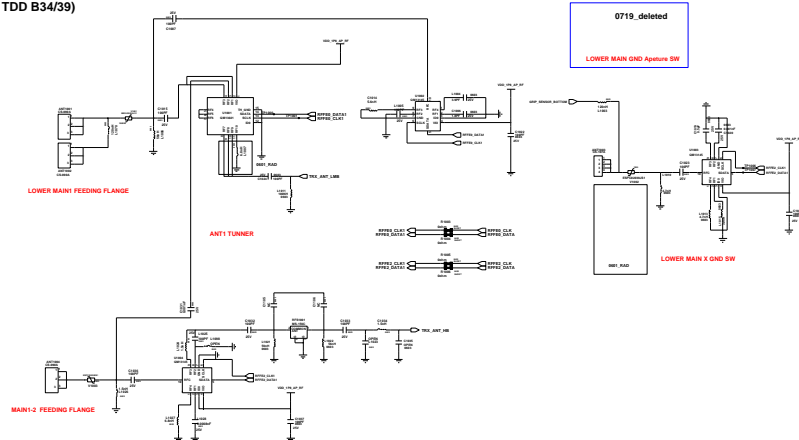
Schematic Diagram



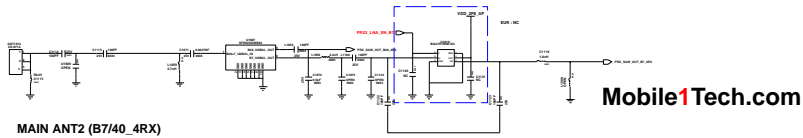
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RF1 - MAIN_ANT

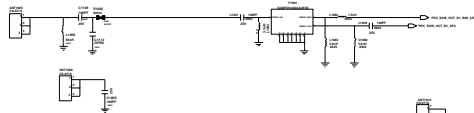
MAIN ANT1-1 LB/MB
(GSM, B1/2/3/4/5/8/12/13/17/18/19/20/25/26/28/32/66,
TDD B34/39)



MAIN ANT1-2 HB (B7/38/40/41)

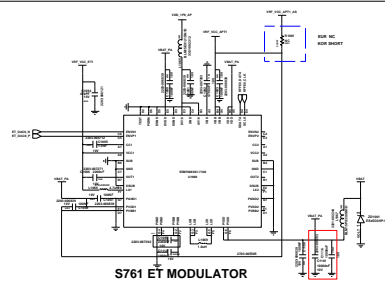


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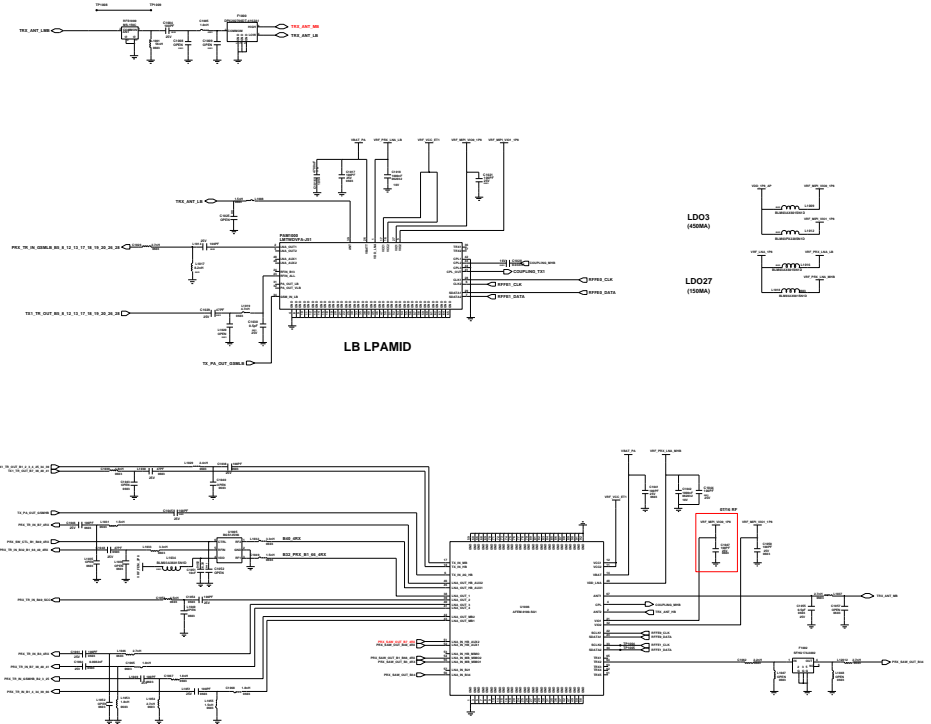
MAIN ANT4 (B1/3_4RX)

MAIN ANT3 (B7/40_4RX_TEST)



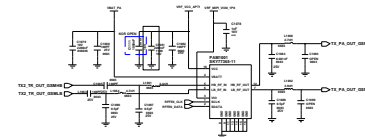
S761 ET MODULATOR

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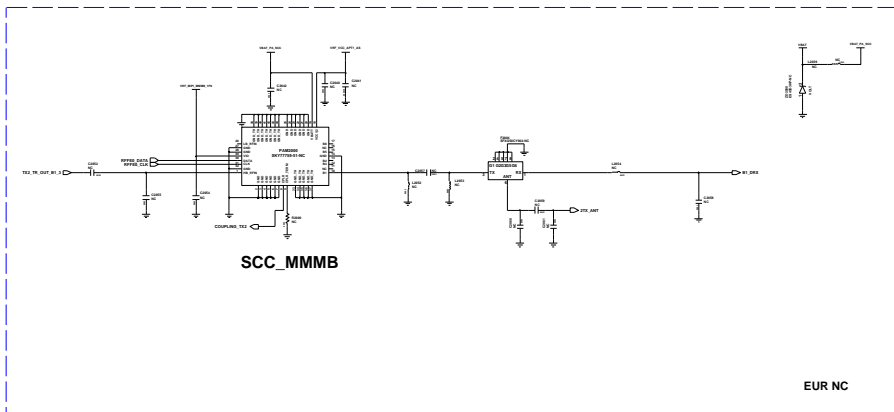
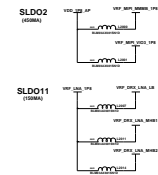
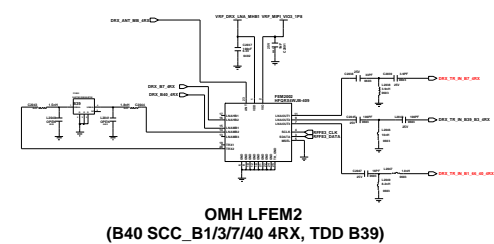
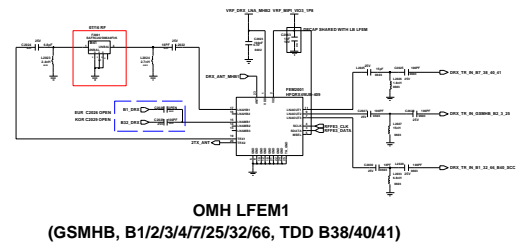
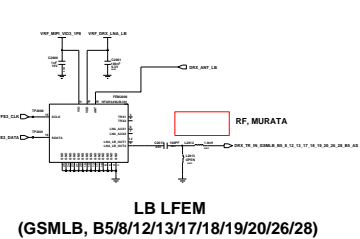
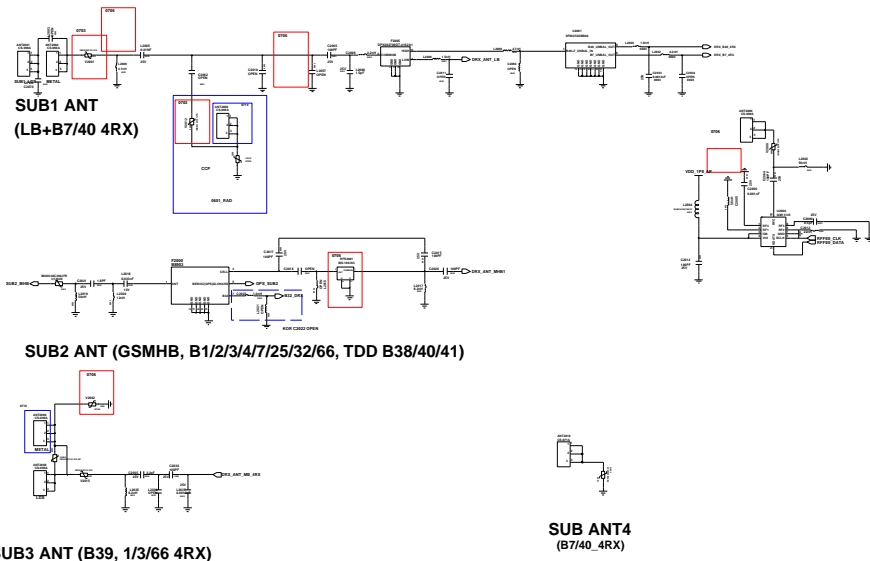
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GSM PA



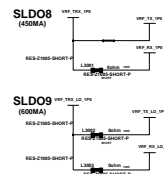
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RF2 - SUB ANT



EUR NC

REAR



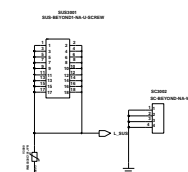
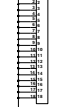
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FRONT



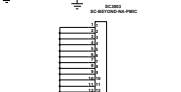
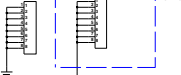
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SCHEM
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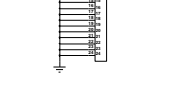
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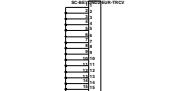
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9C1004



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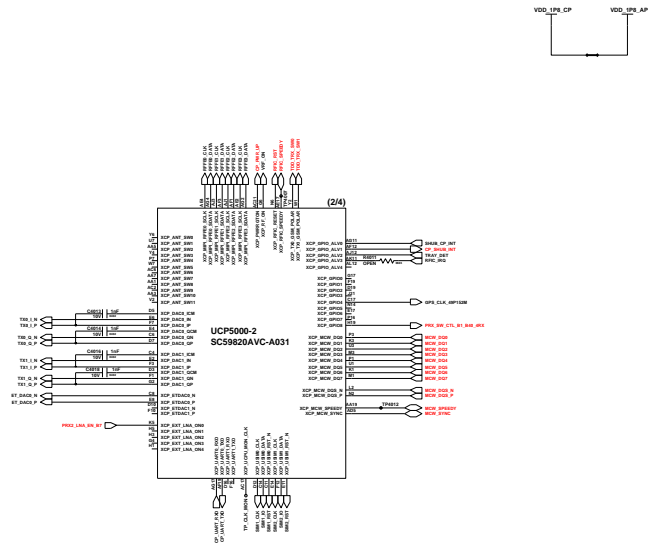
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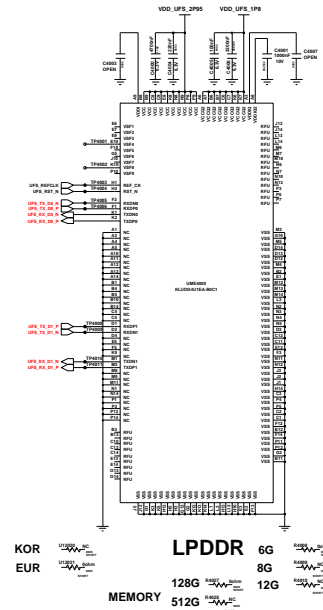
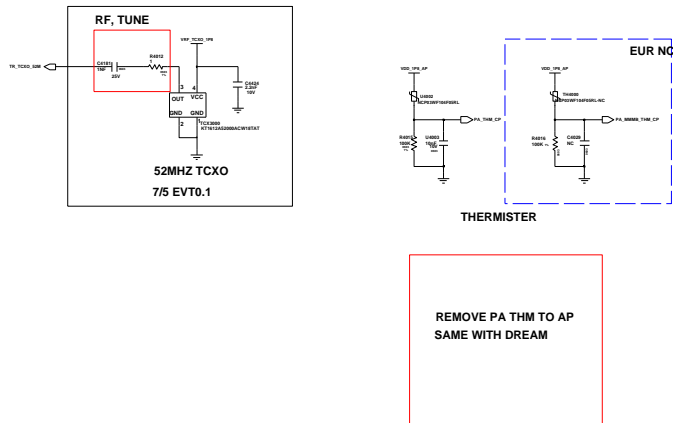
DREAM RF

10/1/20

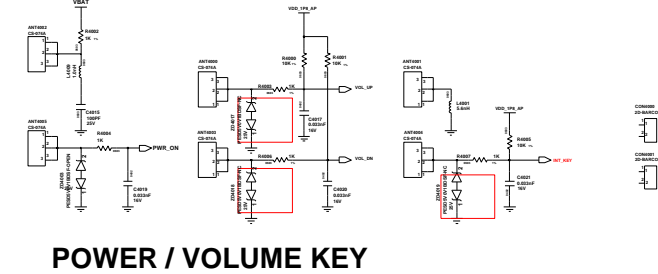
3. AP(EXYNOS9820) CP & UFS MEMORY



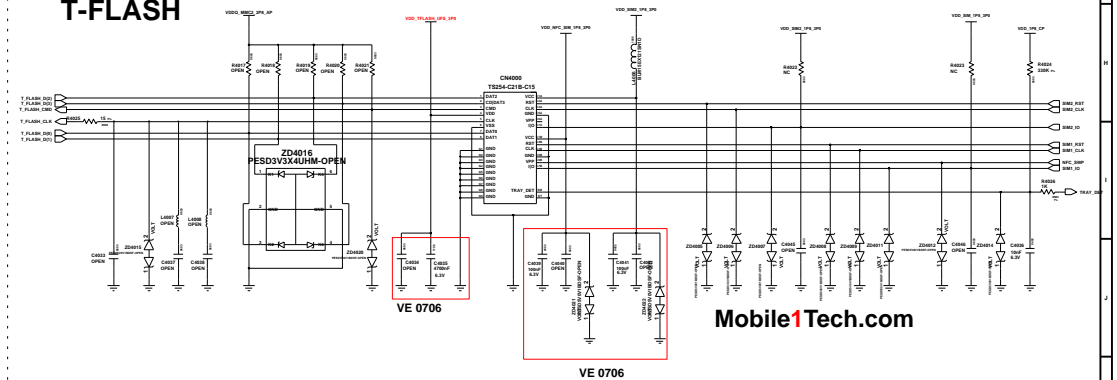
MAKALU CP



UFS BUCK BOOSTER



T-FLASH

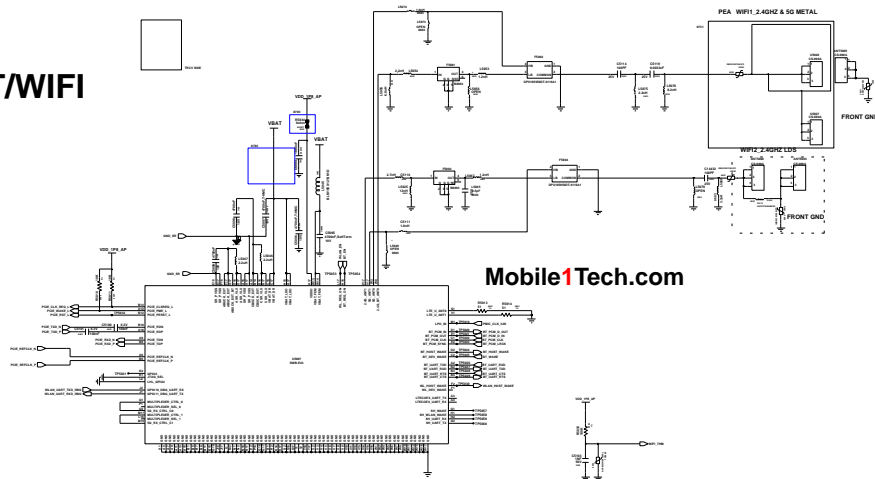


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REVISION	CP & UFS MEMORY
REV. 001	DATE
REV. 002	DATE
REV. 003	DATE
REV. 004	DATE
REV. 005	DATE
REV. 006	DATE
REV. 007	DATE
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REV. 010	DATE

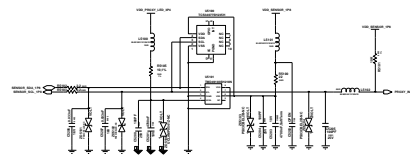
4. CONNECTIVITY / SENSOR

BT/WIFI

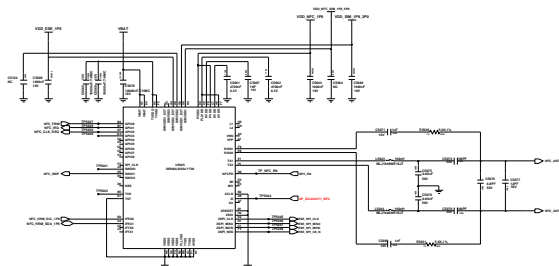


Proximeter/Ambient Light Sensor

1011_REV0.6_changed

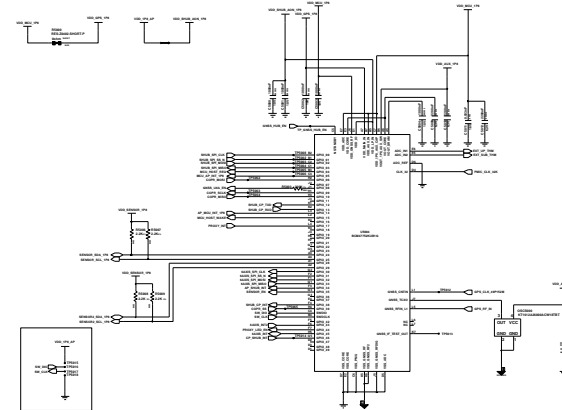


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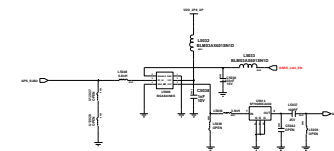


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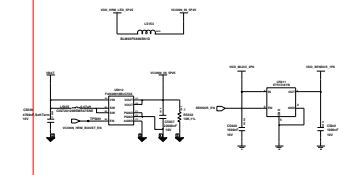
GPS + SENSOR HUB(BCM4775)



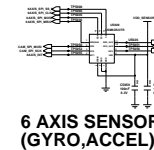
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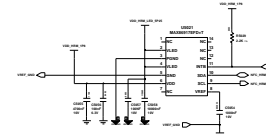
SENSOR POWER



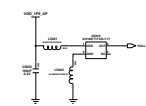
SENSORS



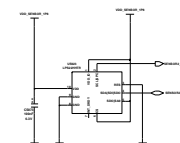
6 AXIS SENSOR (GYRO,ACCEL)



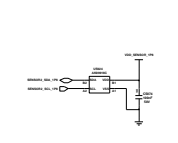
HRM SENSOR



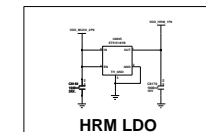
COVER_DETECT HALL_IC



BAROMETER SENSOR



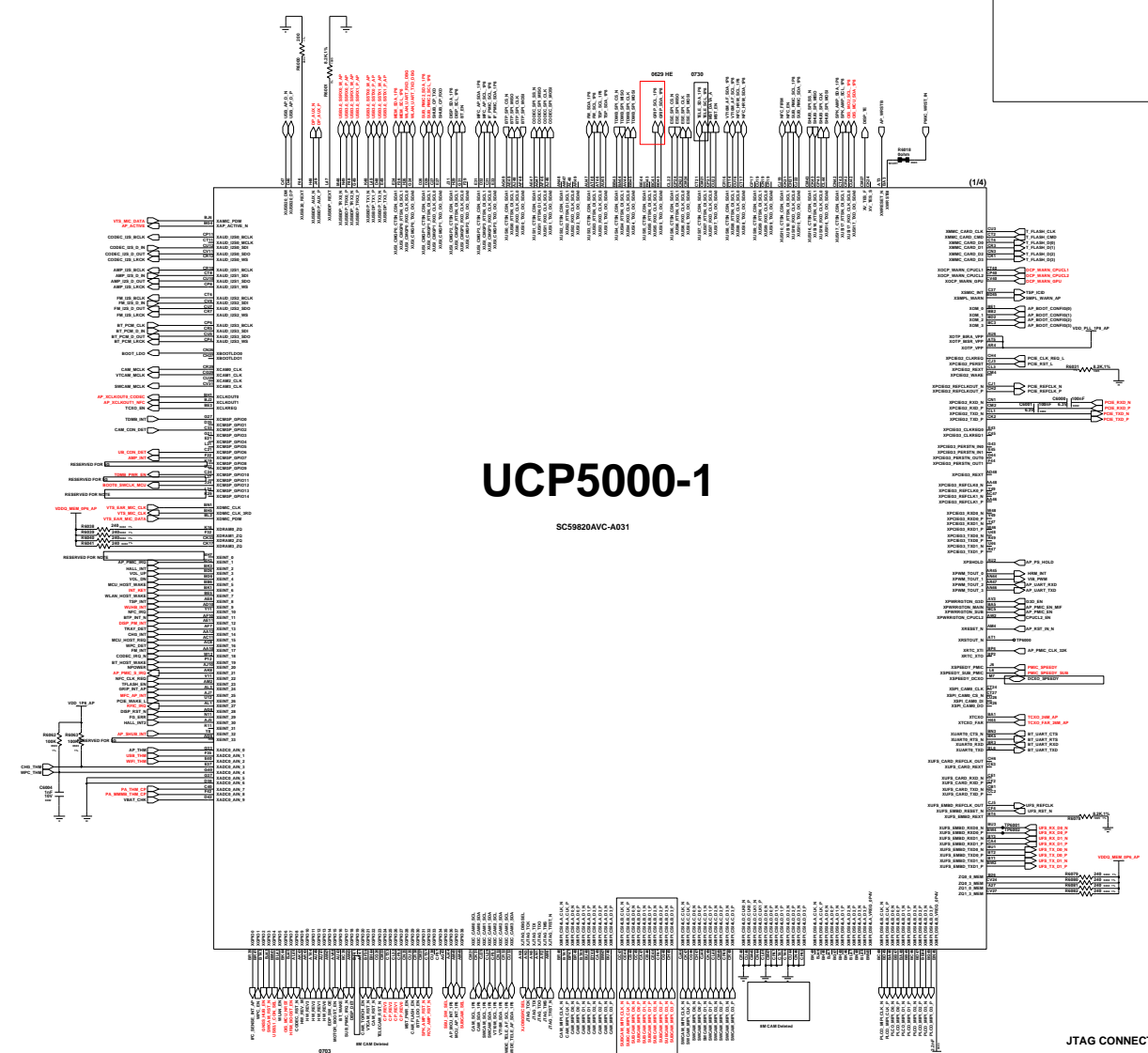
MAGNETIC SENSOR



HRM LDO

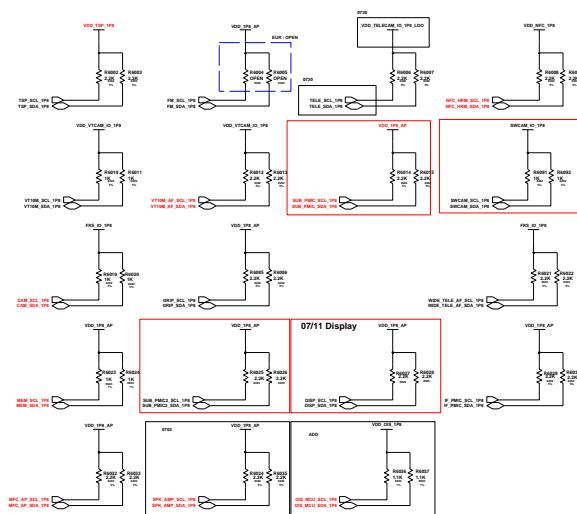
5. MAKALU & ETC

MAKALU AP

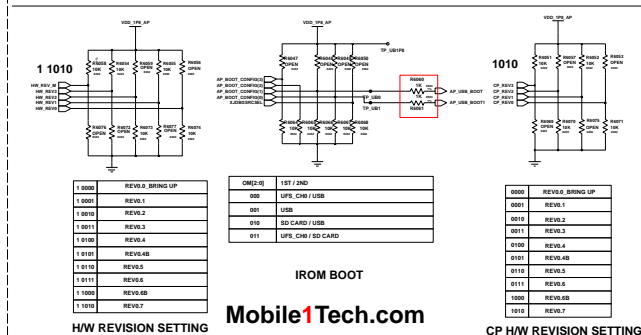
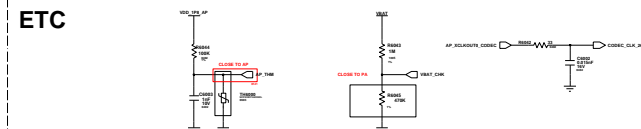


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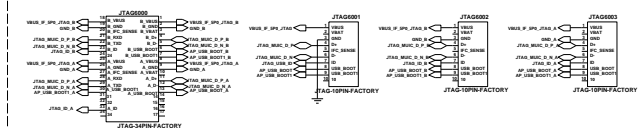
H/W I2C



ETC



JTAG000



PCB JTAG

EMPOWER R:	KANGCHEN & ETC		
EXAMIN BY:			
READ CODE:			
BOOK CODE CODE:			
BOOK & PAGE CODE:			
UNIQUE ID	QA CODE:	TITLE:	DREAM2_KANGCHEN

UCP5000-4
SC5920AVC-A031

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KANGCHEN POWER / GND

DREAM2_KANGCHEN

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KANGCHEN POWER / GND

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KANGCHEN POWER / GND

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KANGCHEN POWER / GND

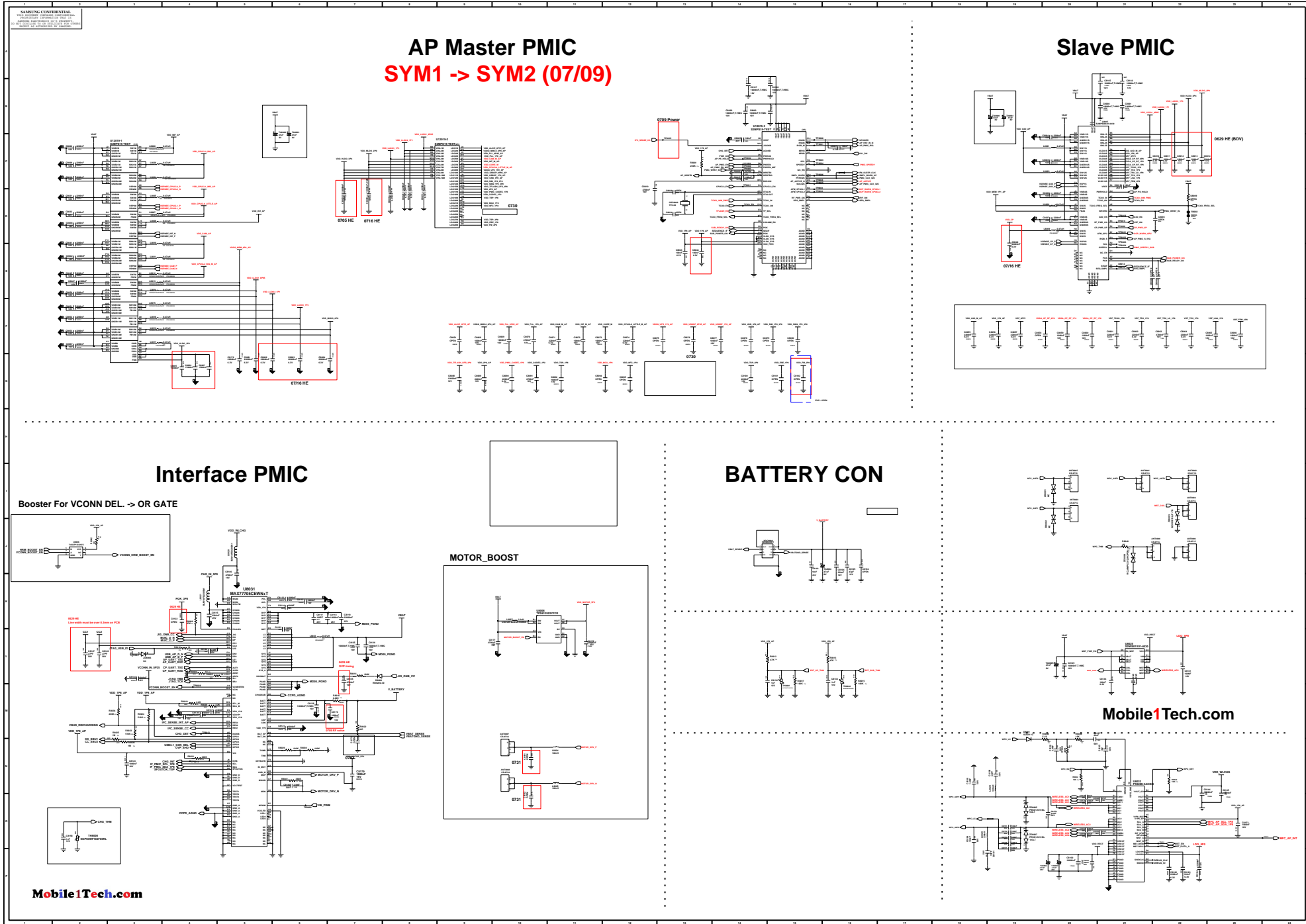
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UCP5000-4
SC5920AVC-A031

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KANGCHEN POWER / GND

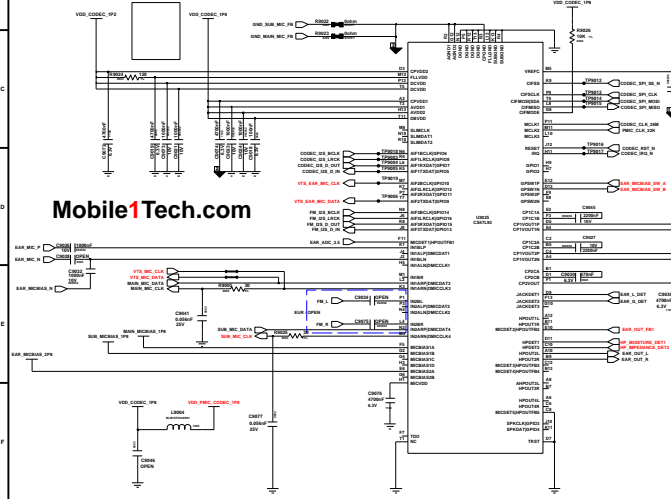
DREAM2_KANGCHEN



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SAMSUNG ELECTRONICS CO., LTD.

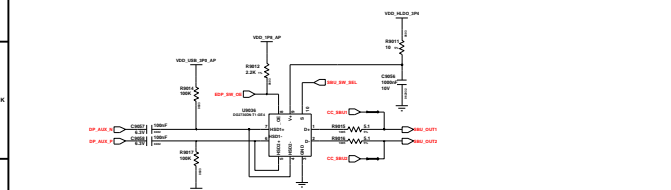
AUDIO

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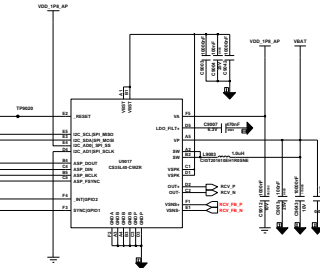
AUDIO CODEC

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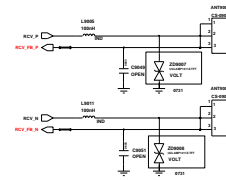


AUX SW

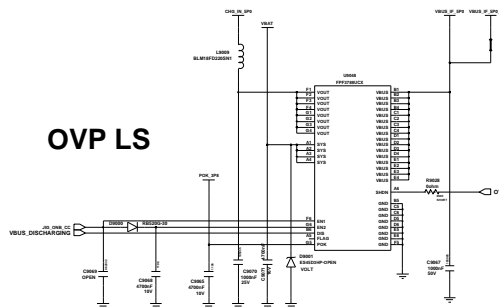
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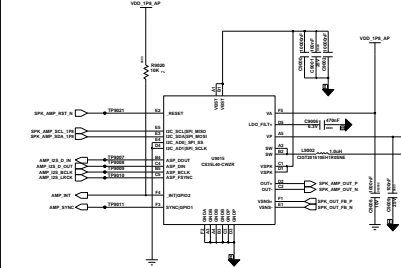
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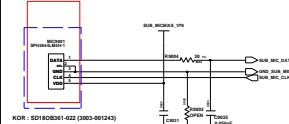
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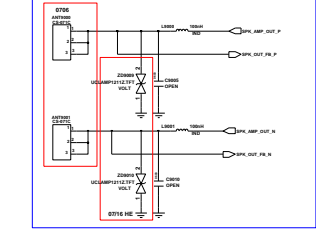
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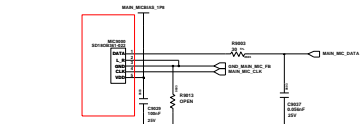
SUB MIC



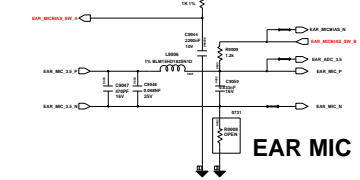
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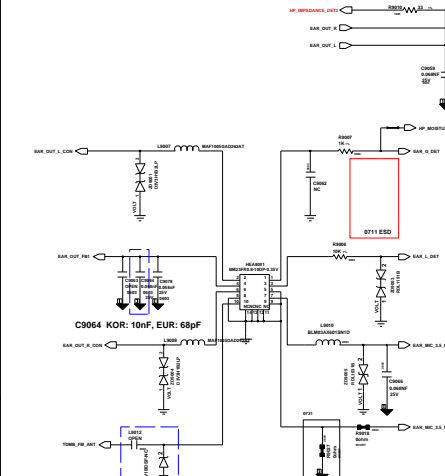
MAIN MIC



EAR MIC



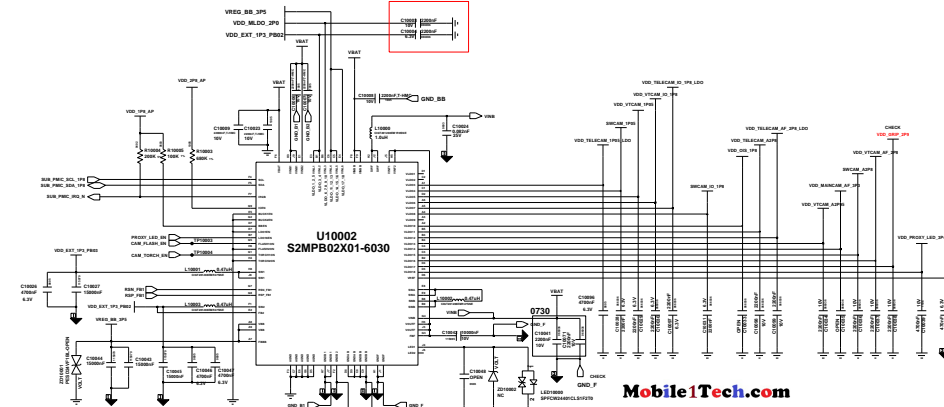
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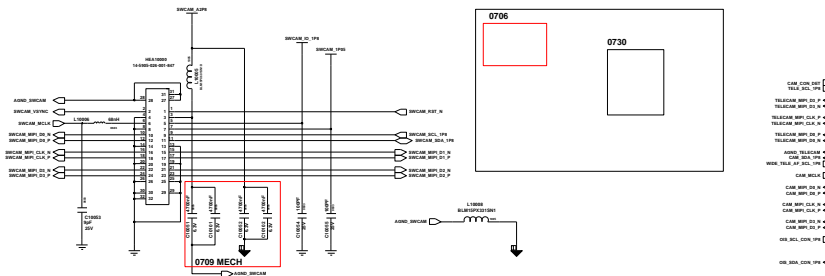
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DESIGNED BY	DREAM2_KANGCHEN	14.10.11
DESIGNED BY		
DESIGNED BY		
DESIGNED BY		

9. VISUAL PART 1/2

CAM PMIC

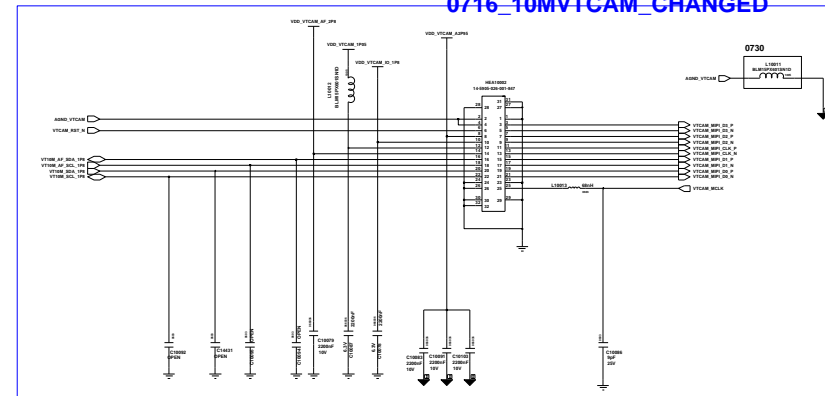


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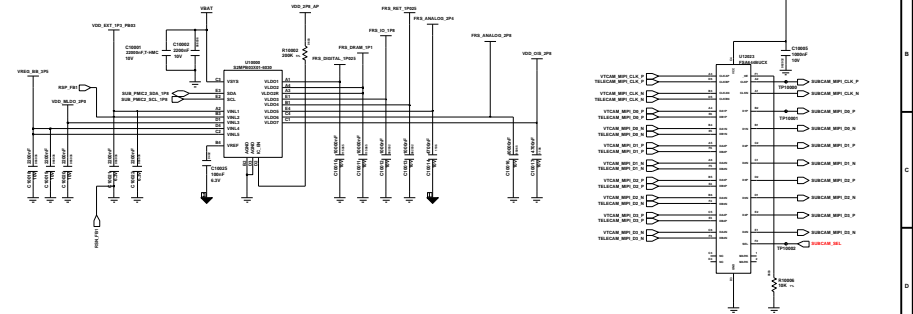


FRONT CAM CONN

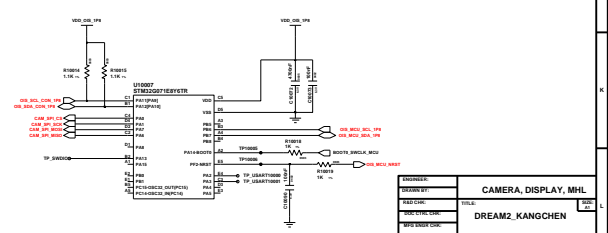
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2ND CAM PMIC



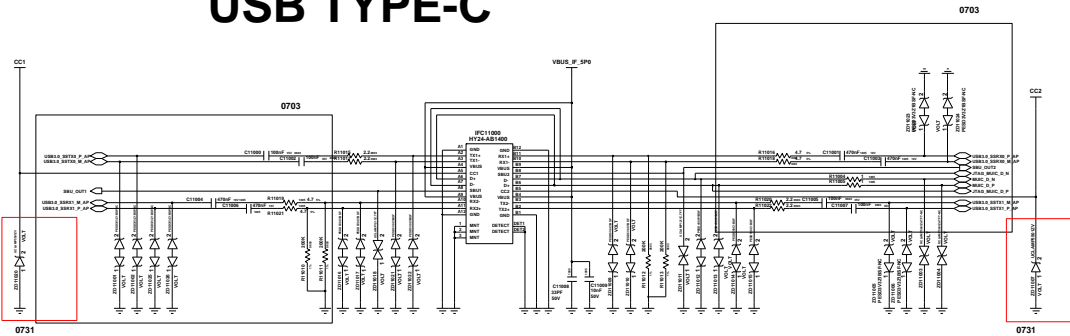
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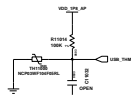
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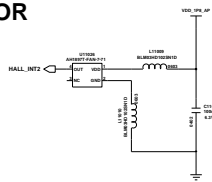
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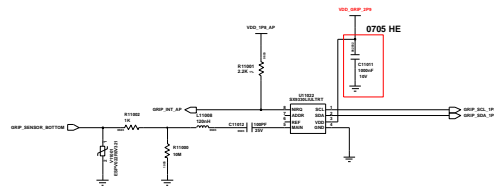
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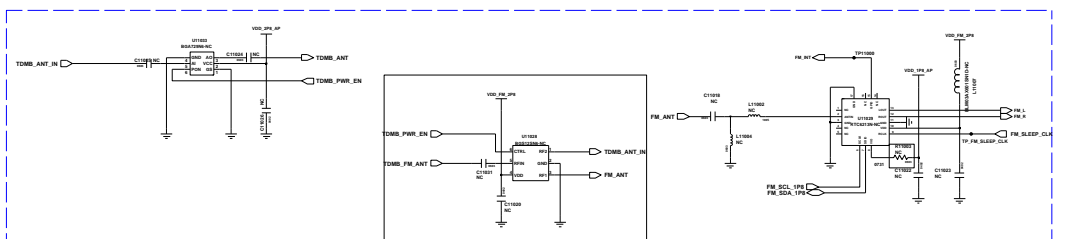
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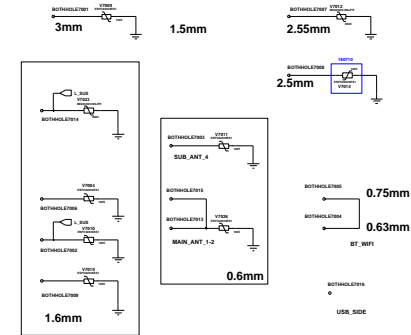
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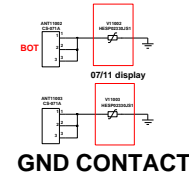
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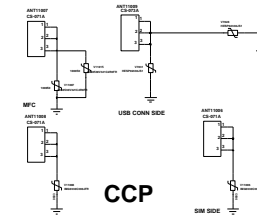
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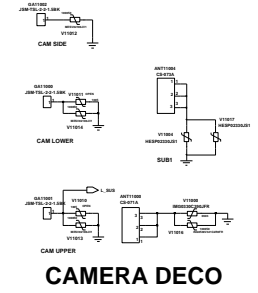
BOSS HOLE



GND CONTACT



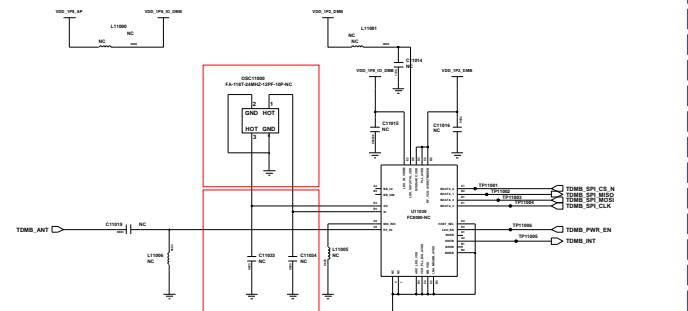
CCP



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DESIGNED BY	DATE	FILE	REV
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