



# SM-G925F\_MAIN\_REV0.6

## DISCRETE SHIELD CAN(SMD : 02 06)

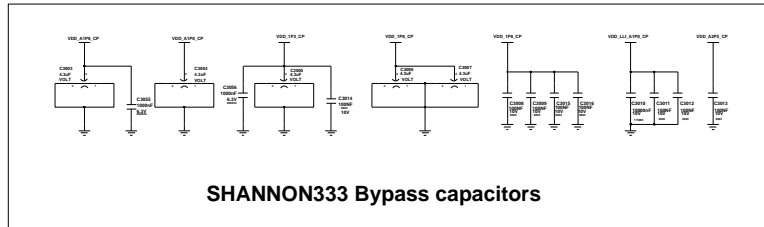
2015.02.06

- sheet01 : GSM / WCDMA / LTE RF
- sheet02 : TRANSCEIVER, DRX
- sheet03 : S333, CP\_PMIC
- sheet04 : SENSORS, HUB, GPS, BT/WIFI, NFC
- sheet05 : AP(ISTOR), SIM&SD SOCKET
- sheet06 : AP(ISTOR) POWER PART, IRDA
- sheet07 : AP PMIC, SUB PMIC, Wireless Charging, MST
- sheet08 : AUDIO, SUB PCB CON.
- sheet09 : CAMERA, DISPLAY

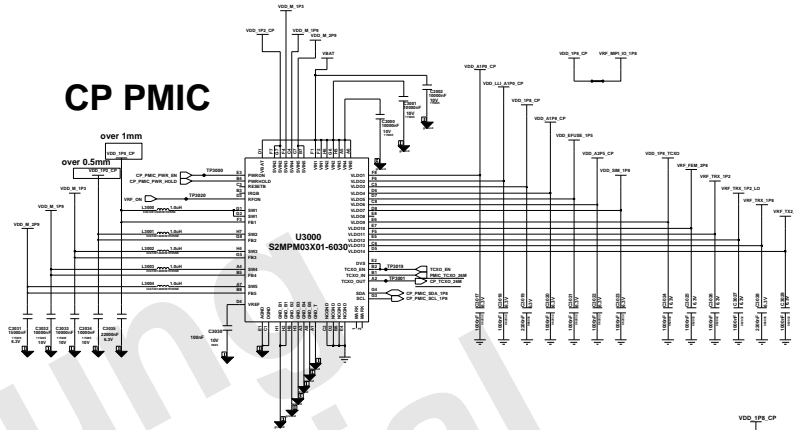
Project	
Sheet No	
Sheet Date	
Sheet Title	MAIN_REV0.6
Sheet Author	
Sheet Date	
Sheet Title	
Sheet Author	
Sheet Date	







## CP PMIC



UCP302-1  
SA5333DA01-L330-2CA

## CP PART (S333)

UCP302-2  
SA5333DA01-L330-2CA  
(Power / GND part)

## CP HW VER

REV	REV	REV	REV	REV
REV0.0	0000	S333 mPOP		
REV0.0B	0001	S333 mPOP		
REV0.1	0010	S333 mPOP		
REV0.2	0011	LNA_ADD		
REV0.3	0100	3CA		
REV0.4	0101	ADD VBAT_CHECK		
REV0.5	0110	ADD EAR_DET		
	1001			

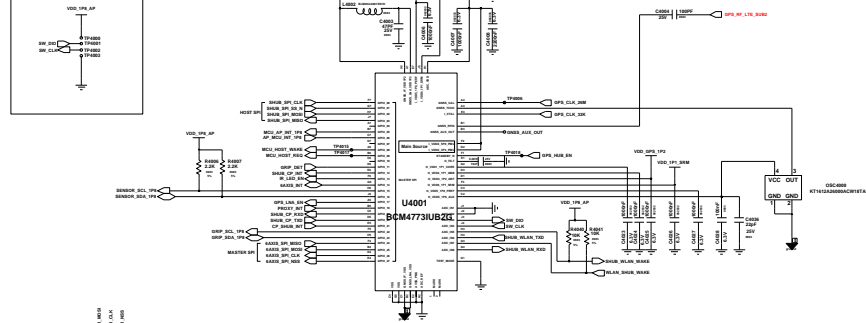
## CP JTAG

REV	REV	REV	REV	REV
REV0.0	0000	S333 mPOP		
REV0.0B	0001	S333 mPOP		
REV0.1	0010	S333 mPOP		
REV0.2	0011	LNA_ADD		
REV0.3	0100	3CA		
REV0.4	0101	ADD VBAT_CHECK		
REV0.5	0110	ADD EAR_DET		
	1001			

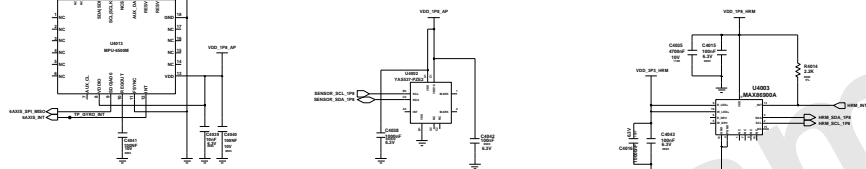
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RECEIPT AS AUTHORIZED BY SAMSUNG.

# SENSORS

Debug port



## HUB



6 Axis Sensor  
(GYRO,ACCEL)

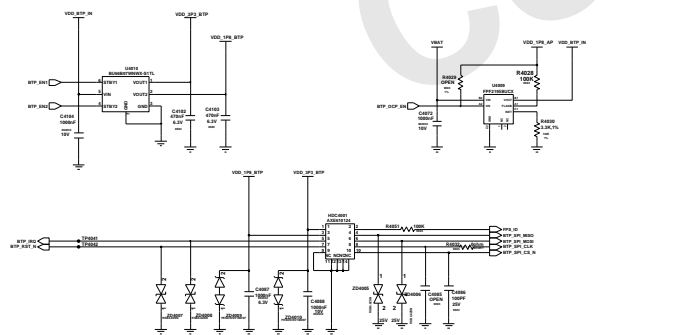
Magnetic Sensor

HRM Sensor

Barometer Sensor

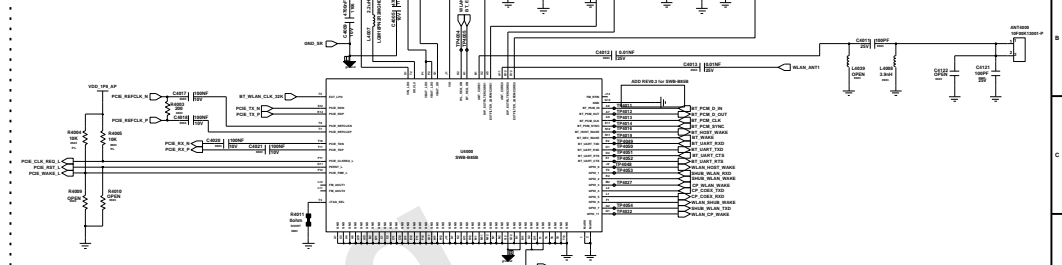
Prox & RCV CON.

## BTP

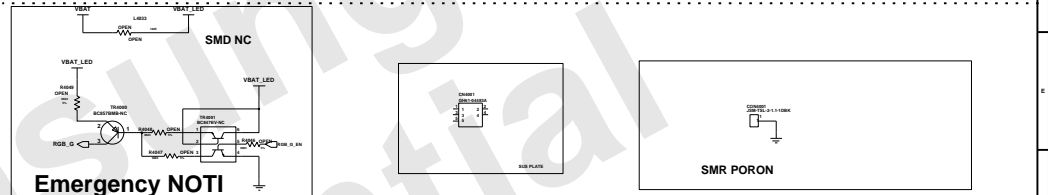


BTP If Conn

# BT/WIFI



## Emergency NOTI

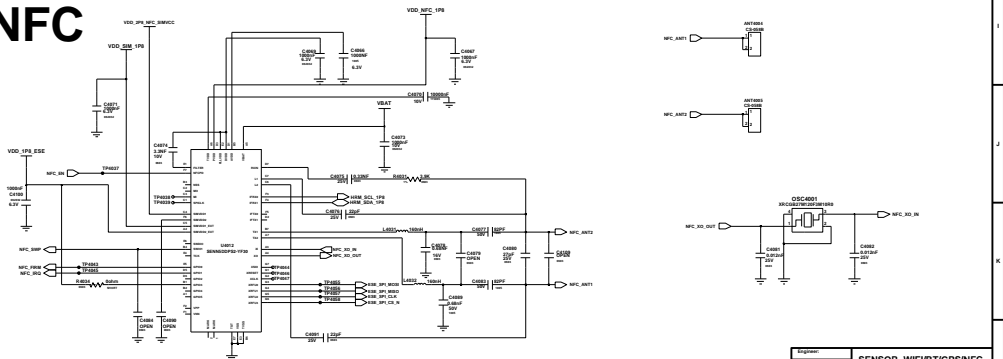


PEA ANT

SEF ANT

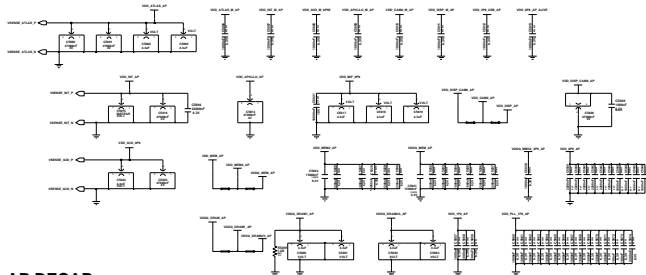
WIFI1\_METAL\_CONTACT

# NFC



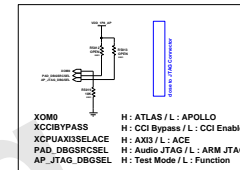
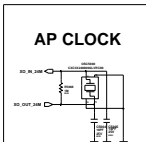
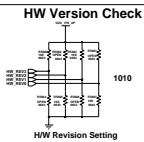
Project Name	SENSOR, WIFI/BT/GPS/NFC
Project No	
Rev	1.0
Rev Date	
Rev Description	MAIN_REV0.6
Rev	
Rev Date	
Rev Description	

# 4. EXYNOS7420(ISTOR), eMMC

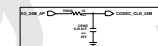


AP DECAP.

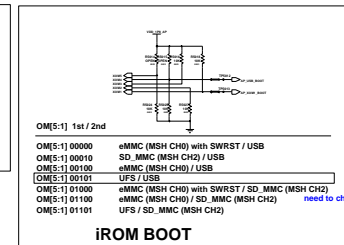
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0001	MAIN_REV0.1
0010	MAIN_REV0.2
0011	MAIN_REV0.3
0100	MAIN_REV0.4
0101	MAIN_REV0.5
0110	MAIN_REV0.6
0111	MAIN_REV0.7
1000	MAIN_REV0.8
1001	MAIN_REV0.9
1010	MAIN_REV0.10
1011	MAIN_REV0.11
1100	MAIN_REV0.12
1101	MAIN_REV0.13
1110	MAIN_REV0.14
1111	MAIN_REV0.15



XOM0  
XCCBYPASS H: ATLAS / L: APOLLO  
XCPUX3SEL H: AX3 / L: ACE  
PAD\_DBGRCSEL H: Audio JTAG / L: ARM JTAG  
AP\_JTAG\_DBGSEL H: Test Mode / L: Function



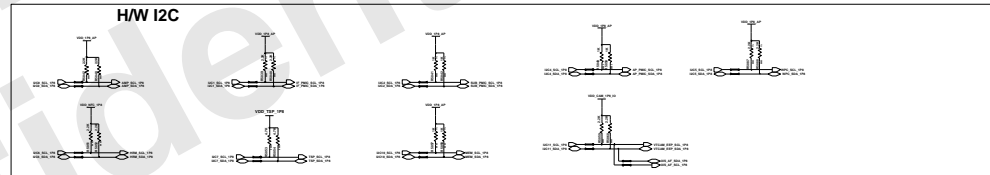
S/W I2C



OM[5:1] 1st / 2nd  
OM[5:1] 00000 eMMC (MSH CH0) with SWRST / USB  
OM[5:1] 00010 SD\_MMC (MSH CH2) / USB  
OM[5:1] 00100 eMMC (MSH CH0) / USB  
OM[5:1] 00101 UFS / USB  
OM[5:1] 01000 eMMC (MSH CH0) with SWRST / SD\_MMC (MSH CH2)  
OM[5:1] 01100 eMMC (MSH CH0) / SD\_MMC (MSH CH2) need to check  
OM[5:1] 01101 UFS / SD\_MMC (MSH CH2)

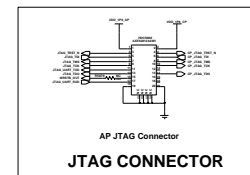
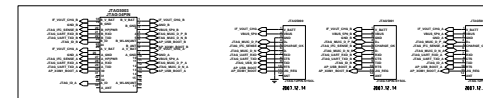
iROM BOOT

H/W I2C



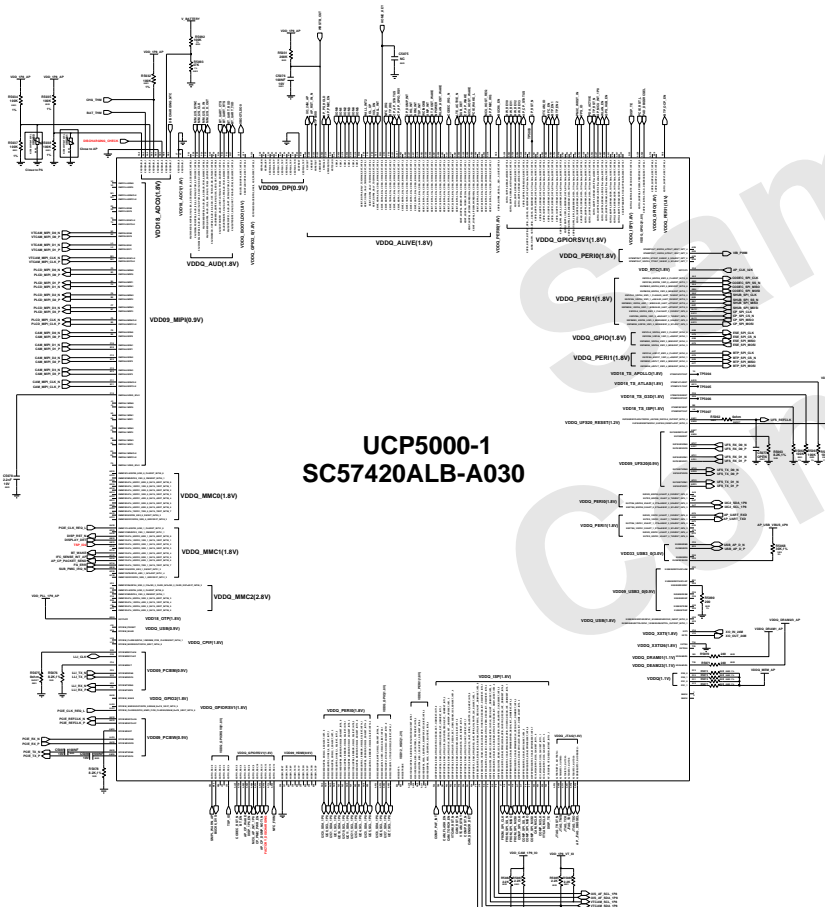
NANOSIM CON.

PCB JTAG

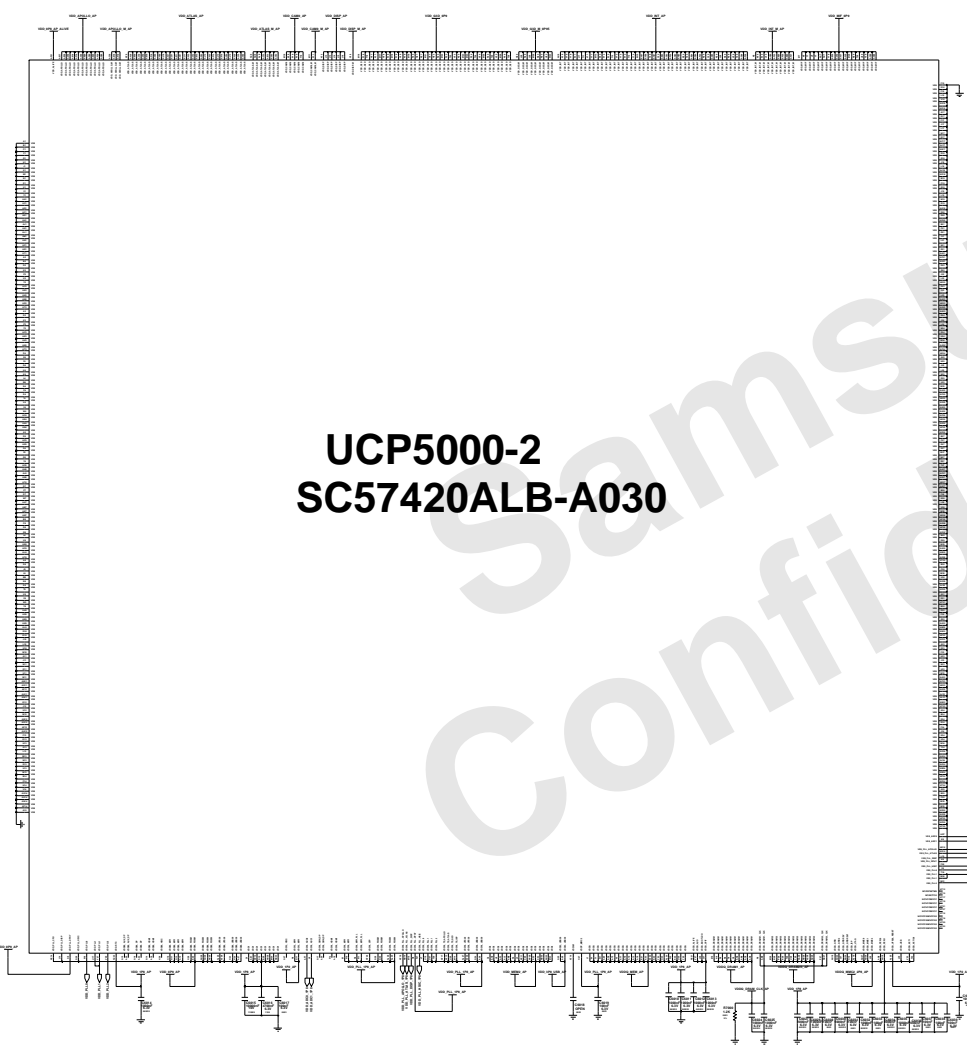


JTAG CONNECTOR

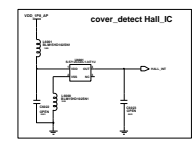
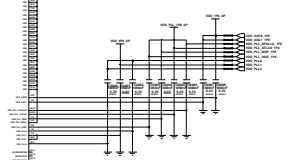
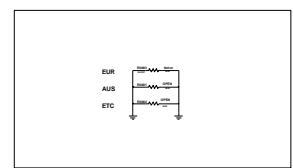
UCP5000-1  
SC57420ALB-A030



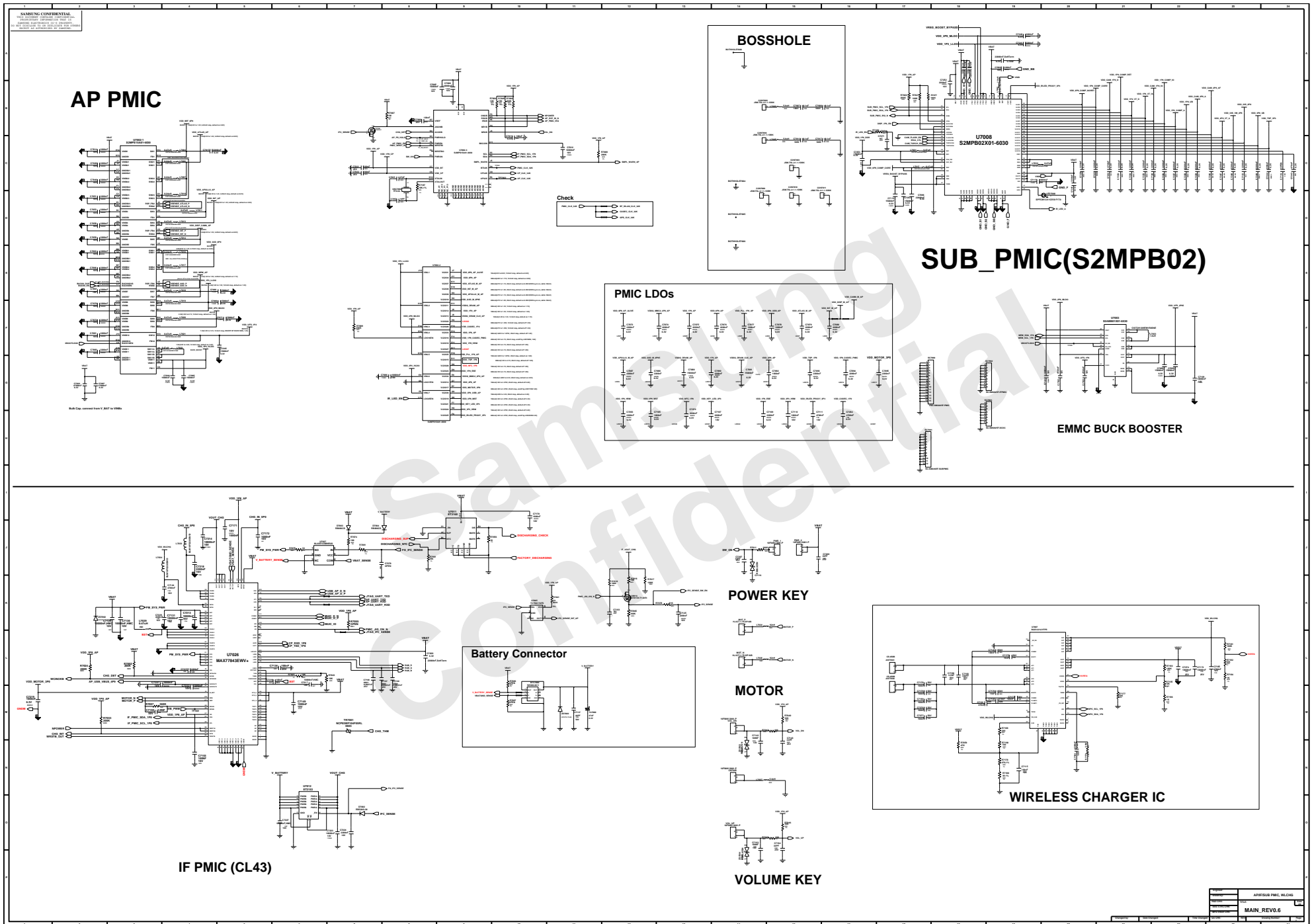
WARNING: CONFIDENTIAL



UCP5000-2  
SC57420ALB-A030



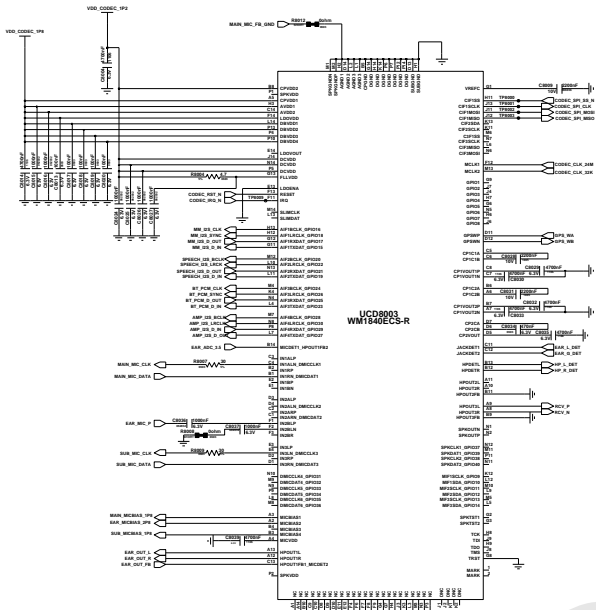
AP
MAIN_REV0.6





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# AUDIO



## AUDIO CODEC

## SPK AMP

## SPK CONTACT

## SUB MIC

## Ear MIC

## SUB FPCB IF CONN. (USB2.0 / Main ANT / MIC)

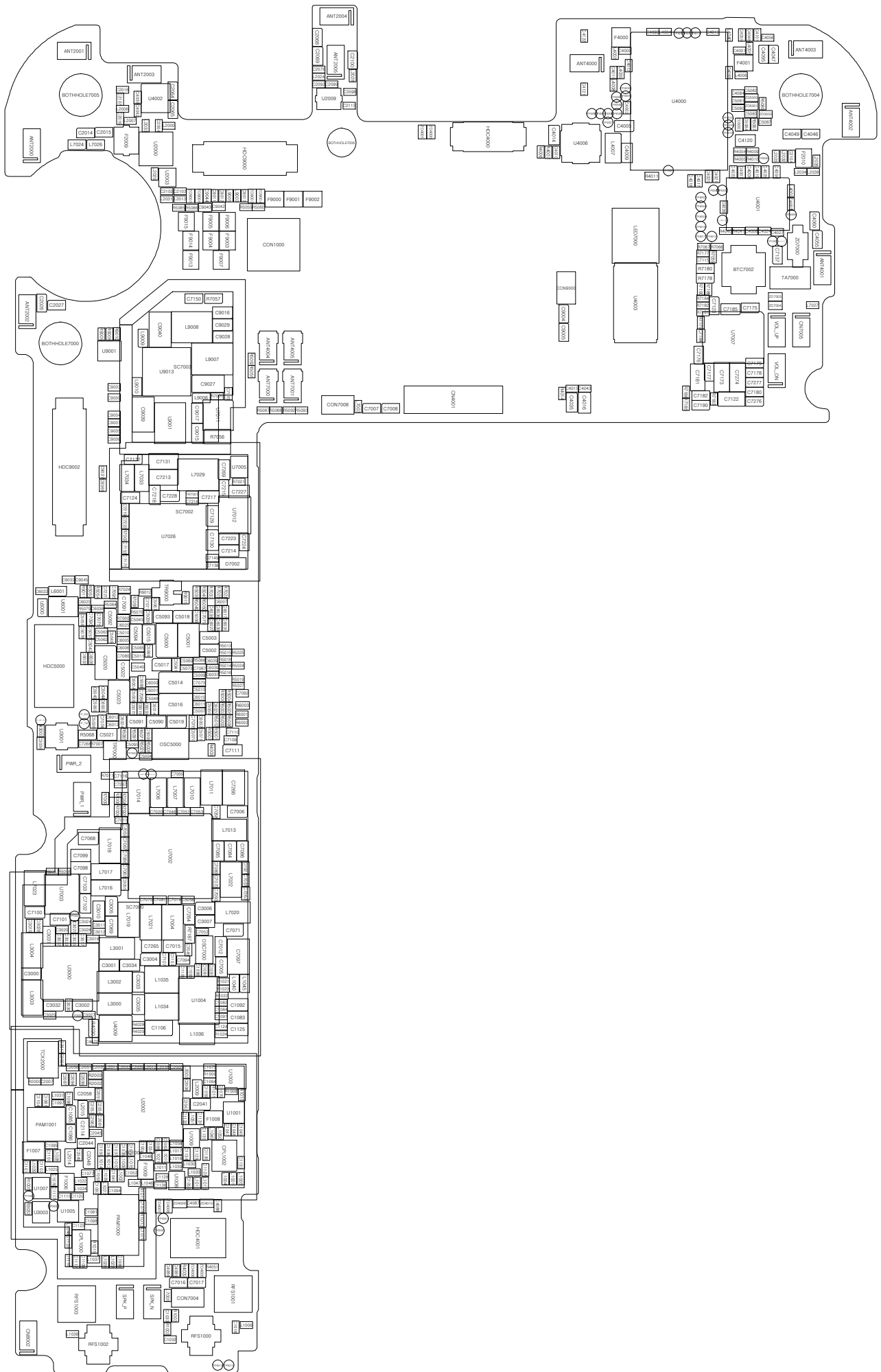
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Version	1.0
File Name	MAIN_REV0.6
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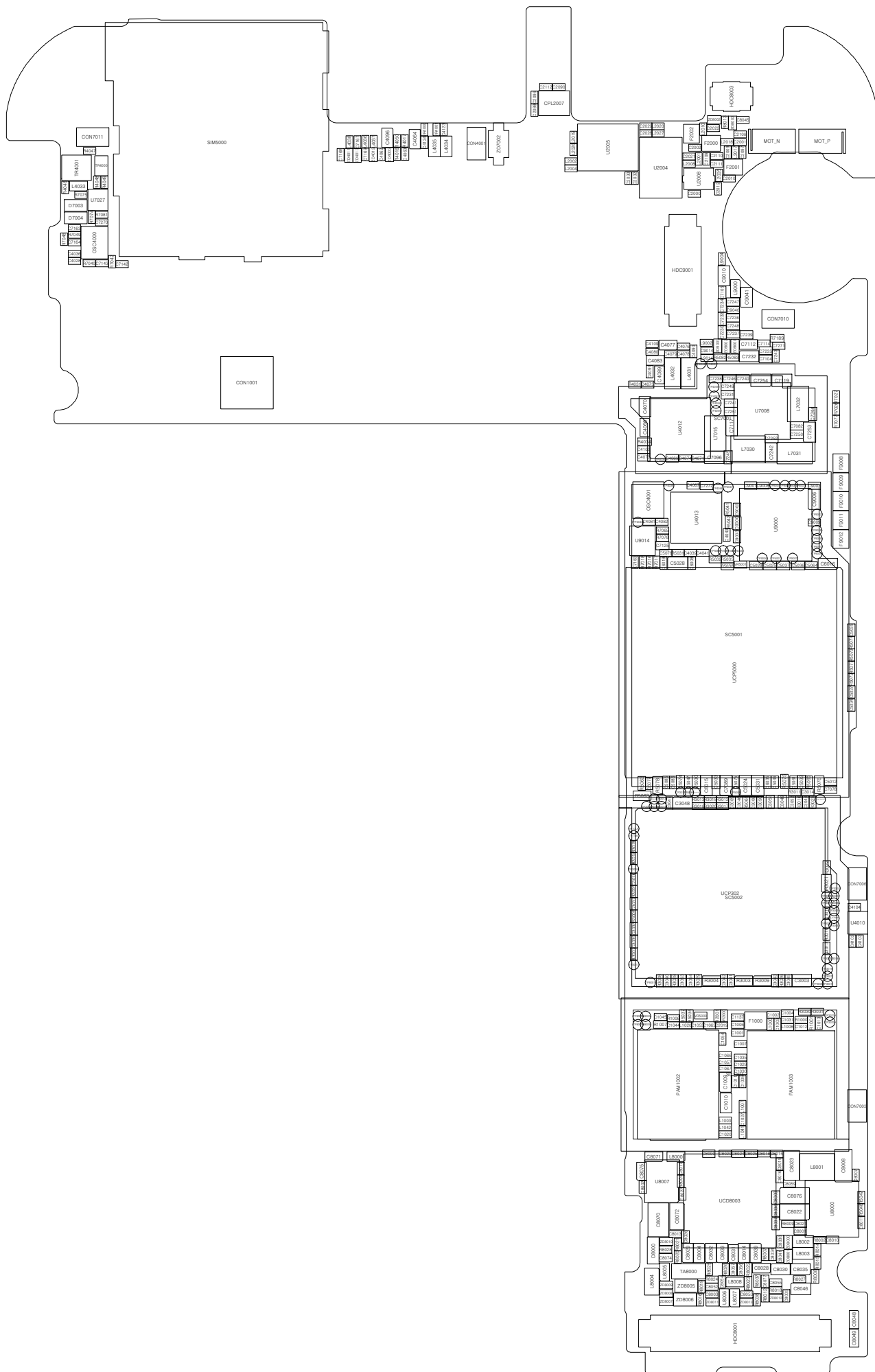
## CAMERA



**HD OCTA DC-DC**

Engineer:	CAMERA, DISPLAY
Drawn by:	
RED CHK:	
DOC CTRL CHK:	
MFG ENGR CHK:	TITLE:
	MAIN_REV0.6





JTAG5001

JTAG5000

JTAG5002