



# SM-G928G\_REV0.5

2015.07.01

sheet01 : GSM / WCDMA / LTE RF

sheet02 : TRANCEIVER, DRX

sheet03 : S333, CP\_PMIC

sheet04 : SENSORS, HUB, GPS, BT/WIFI, NFC

sheet05 : AP(ISTOR), SIM SOCKET

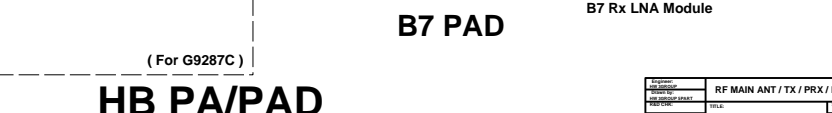
sheet06 : AP(ISTOR) POWER PART

sheet07 : AP PMIC, SUB PMIC, Wireless Charging, MST

sheet08 : AUDIO, SUB PCB CON.

sheet09 : CAMERA, DISPLAY, DCDC

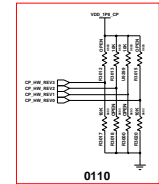
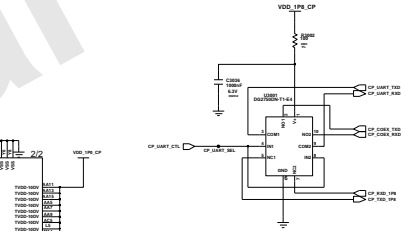
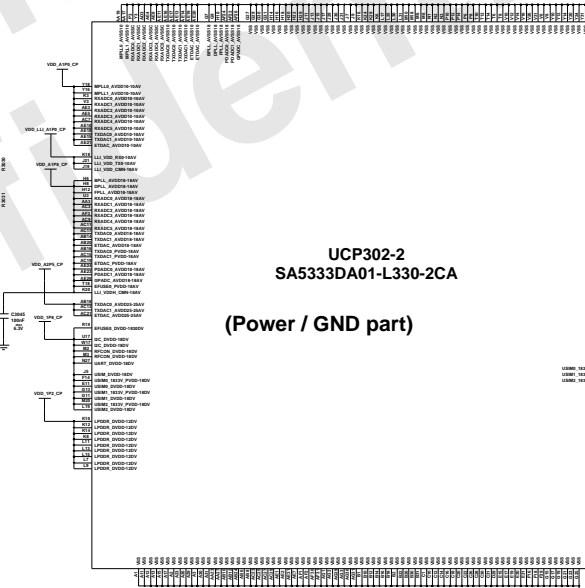
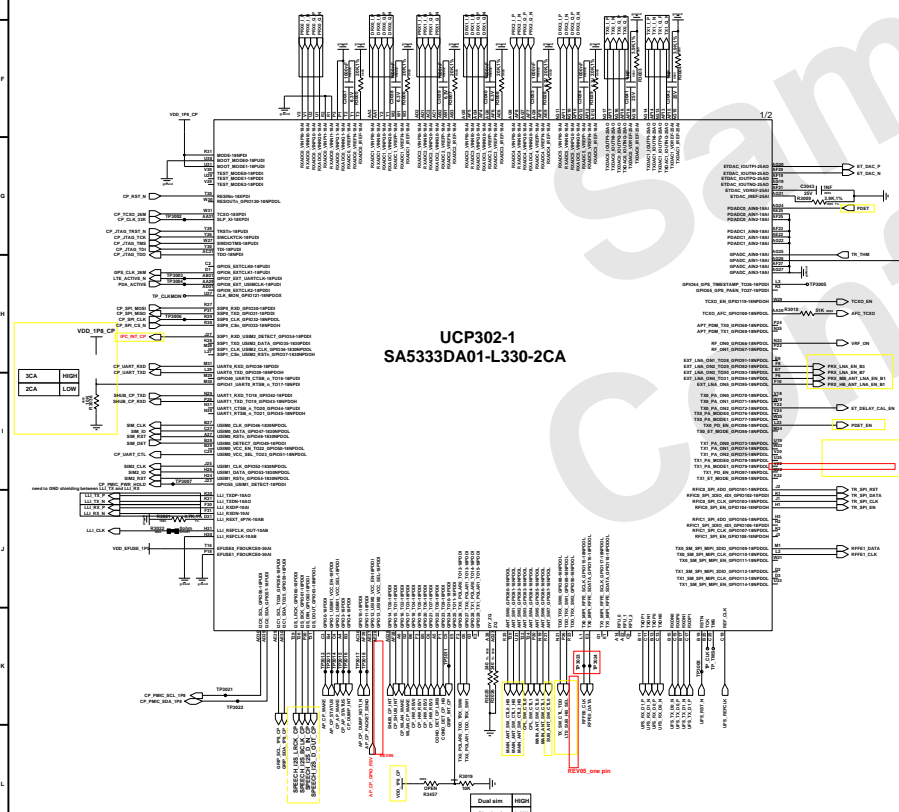
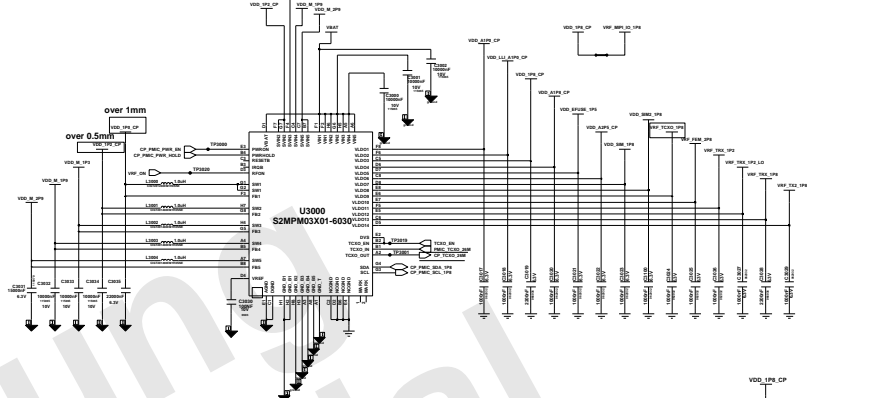
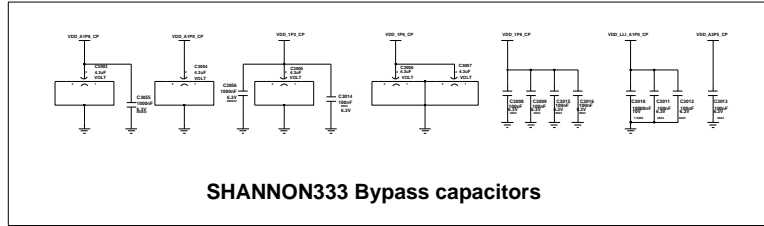
	PAM1000	U9407	RF part	U9344 R5100/R5101 UCP302 R3035/R3036	SIM5000/SIM5001 R3019/R3037 R5093/R5094
928F/3CA/SS	LMT1MT0-426	MT094AJB-301	BAND 20	3CA S5M933DA02-6031 R3035 3CA SA5333DA01-L030 R5100	SIM5000 R5094 R3019
928C/2CA/SS	LMT1MT0-426	MT094AJB-301	BAND 20	2CA S5M933DA02-6331 R3036 2CA SA5333DA01-L330 R5101	SIM5000 R5094 R3019
928I/3CA/SS	SEY78042	MT094AJB-304	BAND 20 + BAND 40	3CA S5M933DA02-6031 R3035 3CA SA5333DA01-L030 R5100	SIM5000 R5094 R3019
928G/2CA/SS	SEY78042	MT094AJB-304	BAND 20 + BAND 40	2CA S5M933DA02-6331 R3036 2CA SA5333DA01-L330 R5101	SIM5000 R5094 R3019
9287C/2CA/OS	SEY78042	MT094AJB-304	BAND 20 + BAND 40+41	2CA S5M933DA02-6331 R3036 2CA SA5333DA01-L330 R5101	SIM5001 R5093 R3457



```
user60|swcad60|10.253.20.112|20150713-122530
```

# CP PART (S333)

## CP PMIC

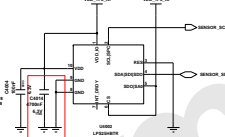
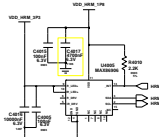
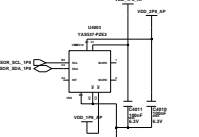
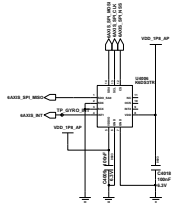
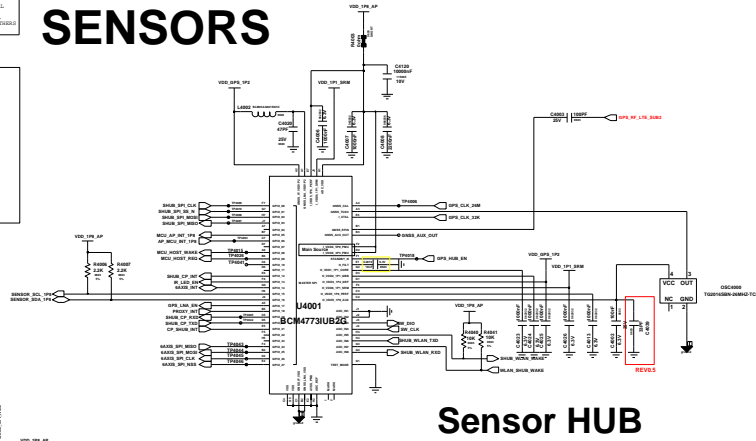
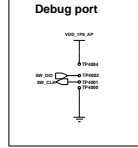


REV0.0	0010	DV1
REV0.1	0011	DV2
REV0.2	0100	PV1
REV0.3	0101	PV2
REV0.4	0110	PV2_1

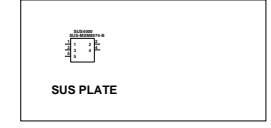
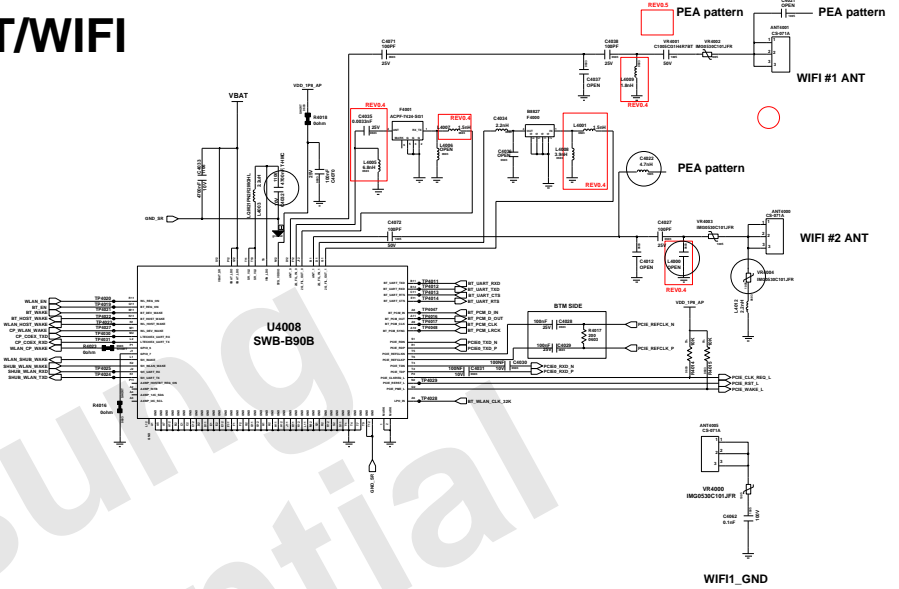
## CP JTAG

Rev	CP, CP PMIC
REV0.0	0010
REV0.1	0011
REV0.2	0100
REV0.3	0101
REV0.4	0110

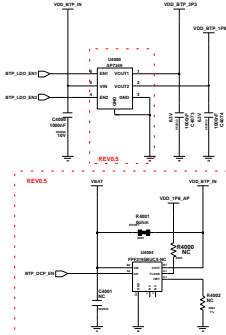
# SENSORS



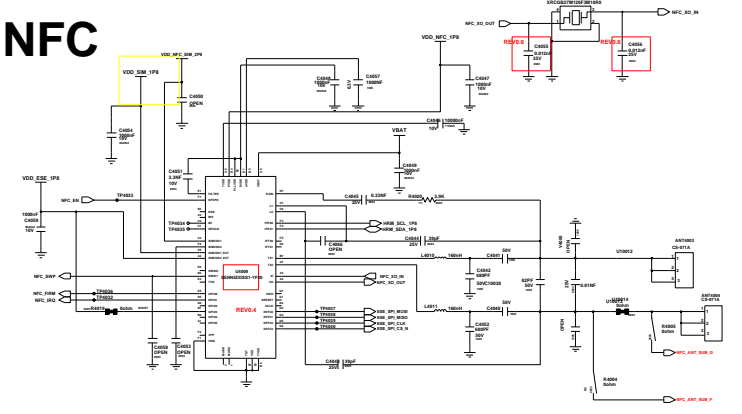
# BT/WIFI



# BTP



# NFC



Project:	SENSOR, WIFI/BT/GPS/NFC
Version:	1.0
File Name:	MAIN_REV0.2
File Path:	
File Size:	
File Date:	
File Time:	
File User:	
File Group:	
File Desc:	
File Comment:	

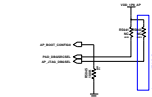
# 4. EXYNOS7420(ISTOR), eMMC

AP DECAP.

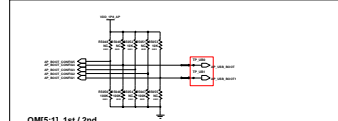
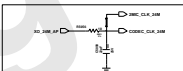
0000	None
0001	REV0.0 DV1
0010	None
0011	REV0.1 DV2
0100	REV0.2 PV1
0101	None
0110	None
0111	REV0.3 PV2
1000	None
1001	REV0.4 PV2.1
1010	None

HW Version Check  
HW Revision Setting

AP CLOCK



XOM0  
XCCBYPASS H: ATLAS / L: APOLLO  
XCPUAXISSEL H: AXI3 / L: ACE  
PAD\_DBGSRSEL H: Audio JTAG / L: ARM JTAG  
AP\_JTAG\_DBGSEL H: Test Mode / L: Function

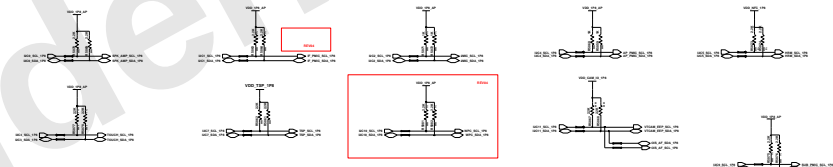


OME[5:1] 1st / 2nd  
OME[5:1] 00000 eMMC (MSH CH0) with SWRST / USB  
OME[5:1] 00010 SD, MMC (MSH CH2) / USB  
OME[5:1] 00100 eMMC (MSH CH0) / USB  
OME[5:1] 00101 UFS / USB  
OME[5:1] 01000 eMMC (MSH CH0) with SWRST / SD, MMC (MSH CH2)  
OME[5:1] 01100 eMMC (MSH CH0) / SD, MMC (MSH CH2) **need to check**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

iROM BOOT

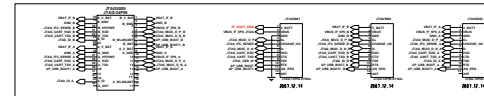
S/W I2C

H/W I2C

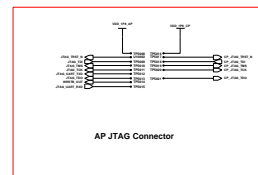


NANOSIM CON.

PCB JTAG



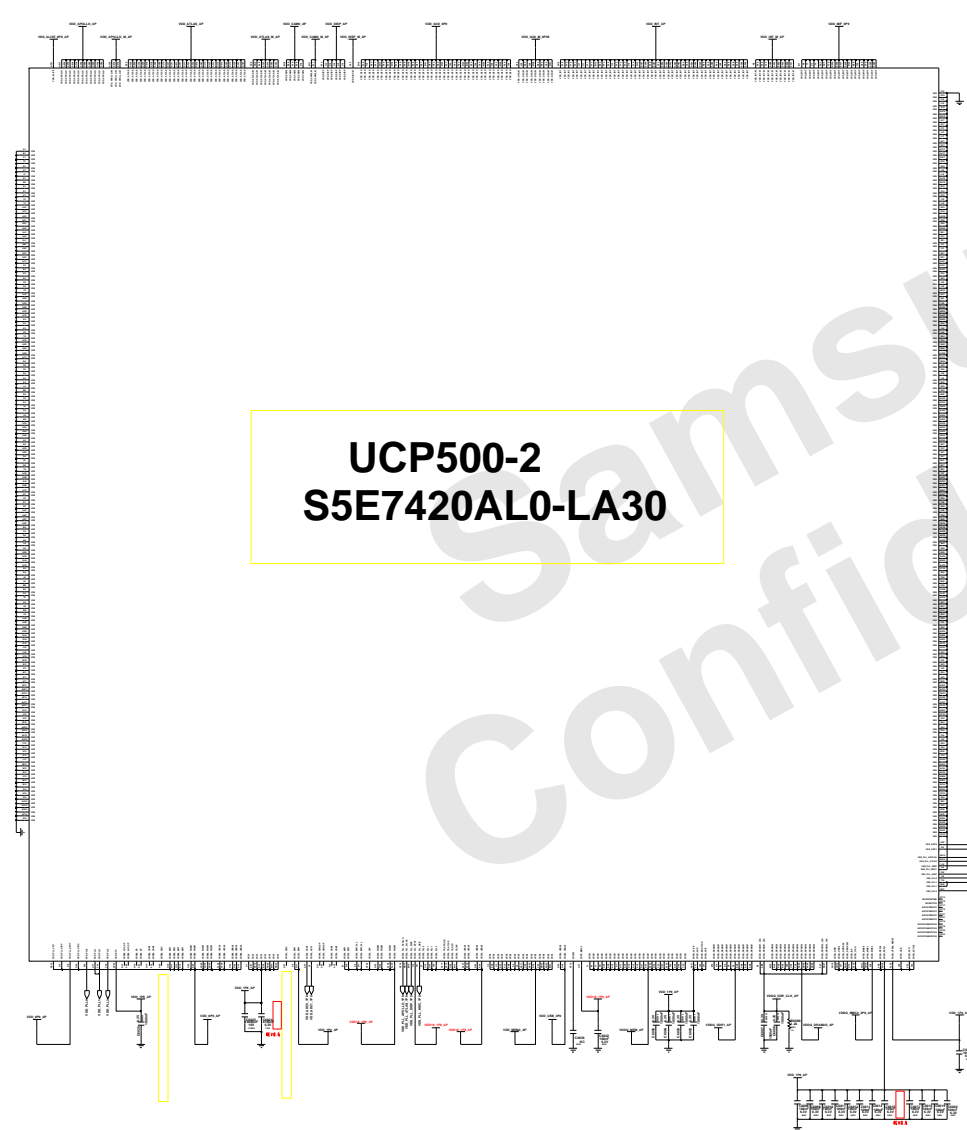
AP JTAG Connector



UCP500-1  
S5E7420AL0-LA30

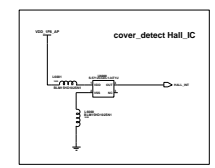
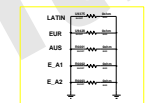
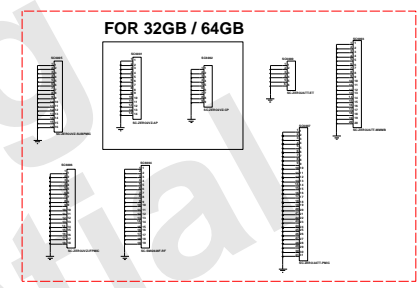
AP, DRAM, BOARD  
MAIN, REV0.2

STANDARD CONFIDENTIAL

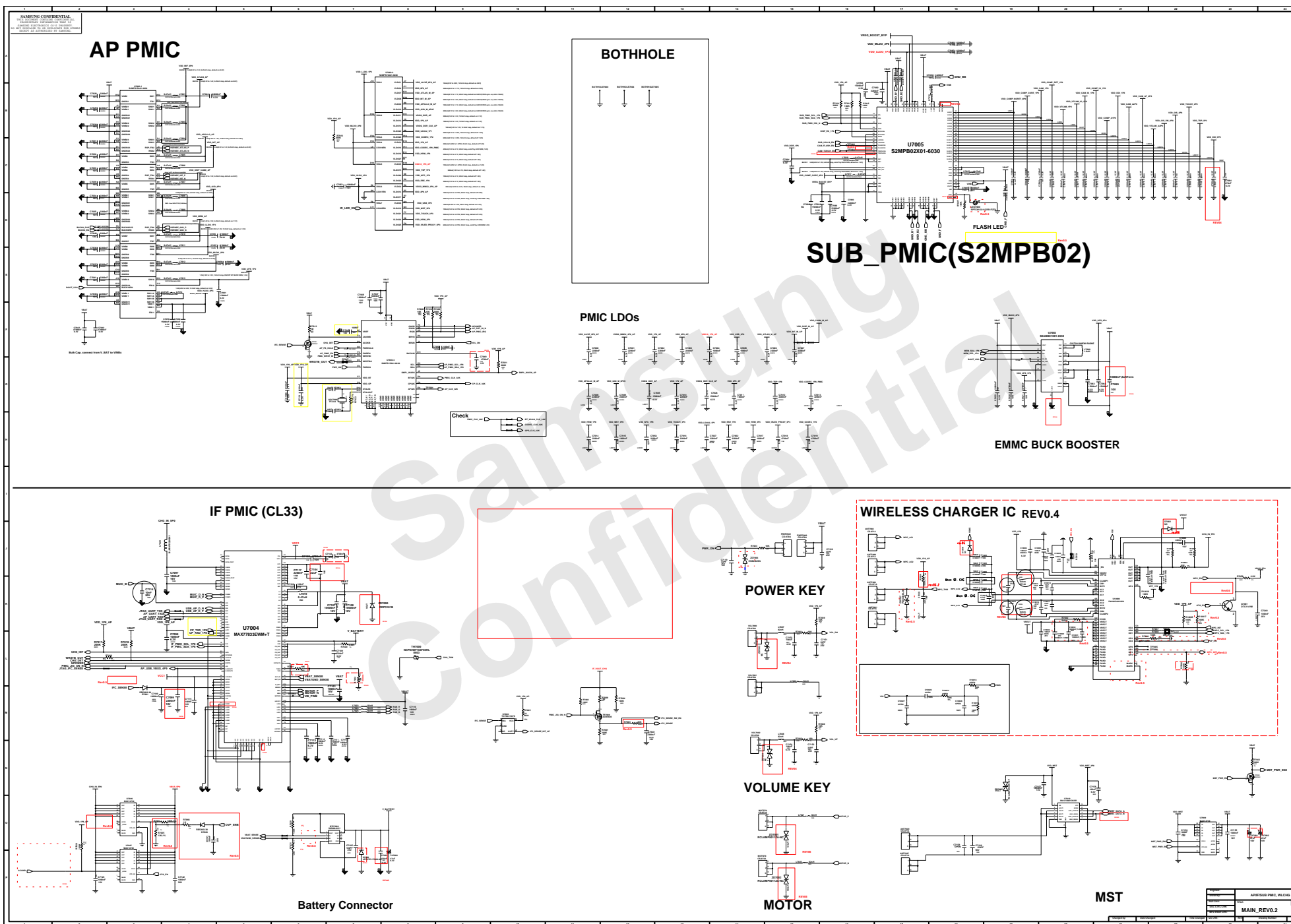


32GB / 64 GB : USE SC6008 AND SC6009  
128 GB : USE SC6001

Shieldcan



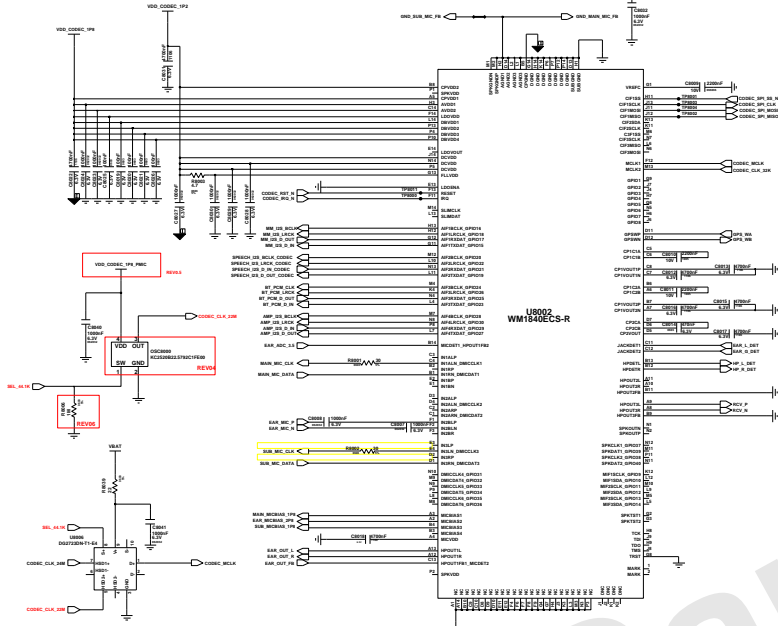
AP\_IRDA  
MAIN\_REV0.2





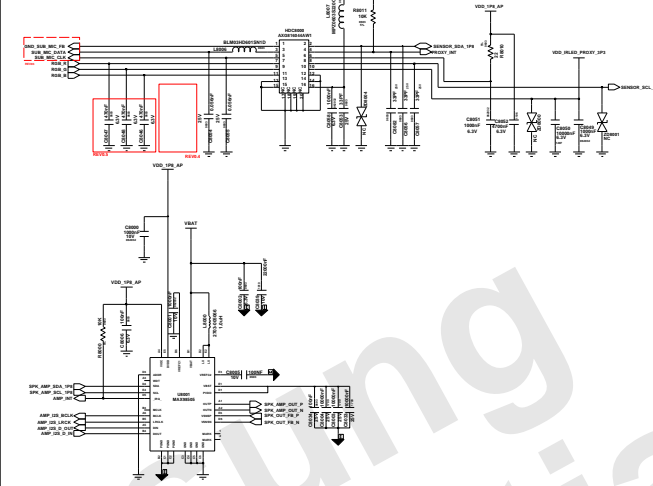
SAMSUNG CONFIDENTIAL  
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## AUDIO

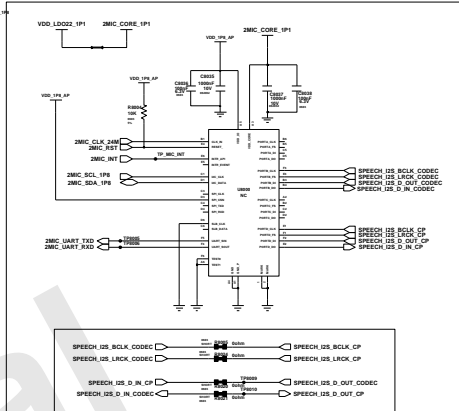


## AUDIO CODEC

## SENSOR & SUB MIC CON

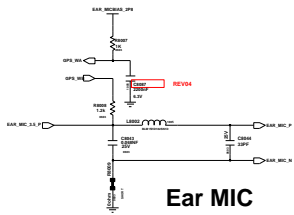


## SPK AMP

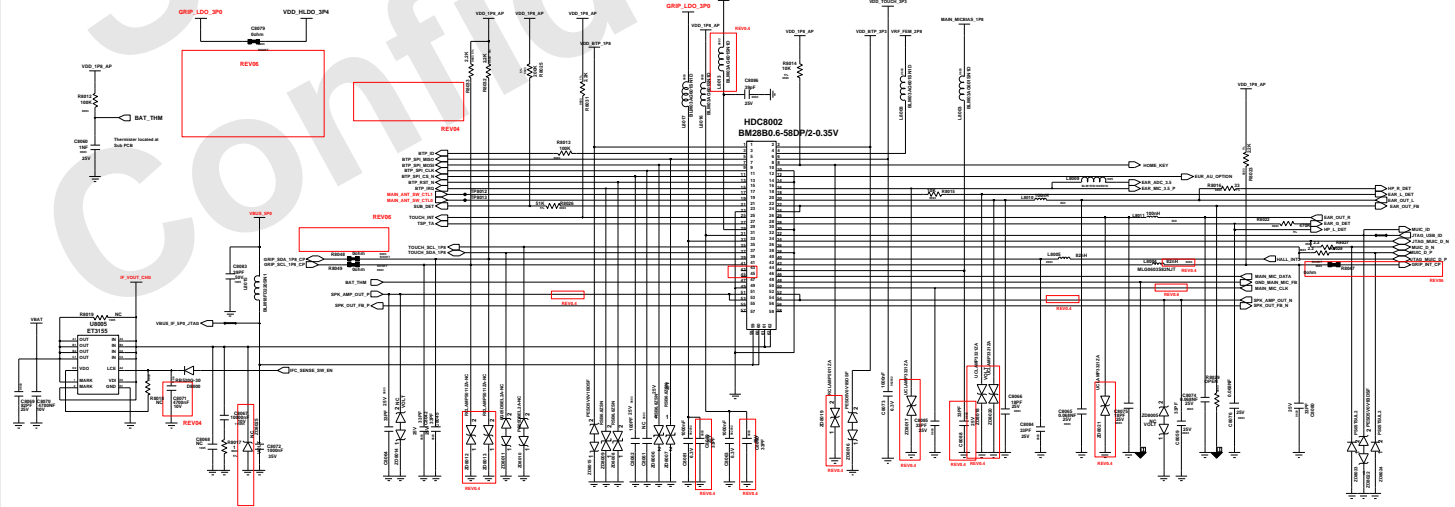


## 2MIC NS(SMD ES804)

## RCV CON



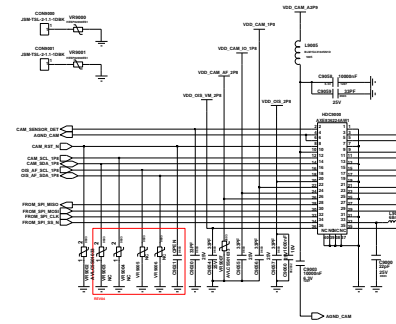
## Ear MIC



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

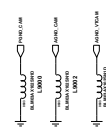
Project	AUDIO, SUB PCB CON.
Version	1.0
Doc No.	MAIN_REV0.2
Doc Date	2015.07.13
Doc By	user60

# CAMERA



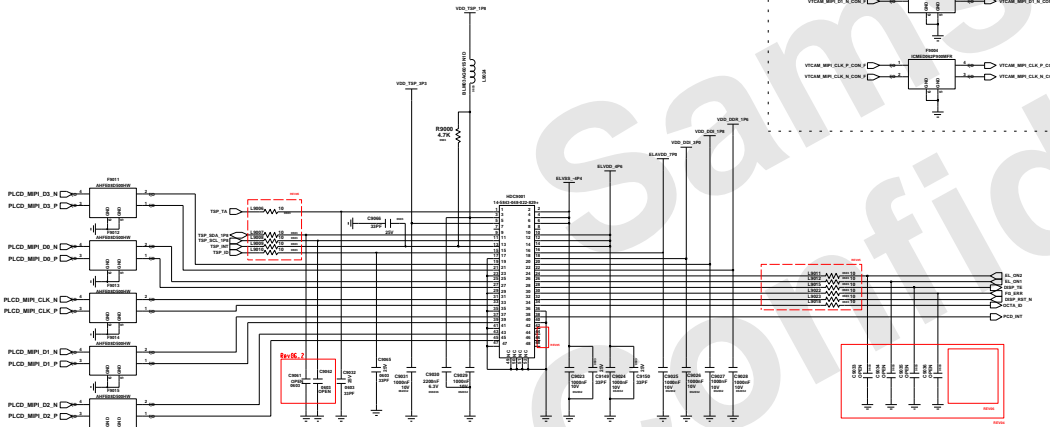
16M\_CAM

5M\_CAM

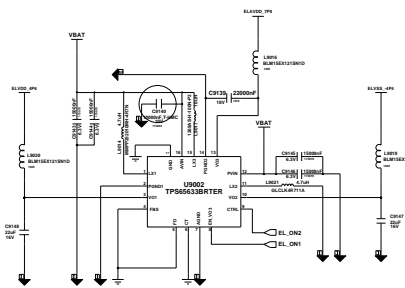
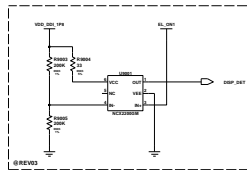


MIPI Filters

# DISPLAY (For WQHD)



DISPLAY CONN



MIPI Filters

# COMPANION IC

U9000  
SSC73C2X01-L030

# OCTA DCDC

Figure	CAMERA, DISPLAY, MHL
Version	1.0
Product Name	MAIN_REV0.2
Product Code	10000000000000000000
Product Code	10000000000000000000
Product Code	10000000000000000000
Product Code	10000000000000000000
Product Code	10000000000000000000
Product Code	10000000000000000000
Product Code	10000000000000000000
Product Code	10000000000000000000
Product Code	10000000000000000000