SM_A810S_REV0.5

2016.08.18

Engineer:
Initial Rel.
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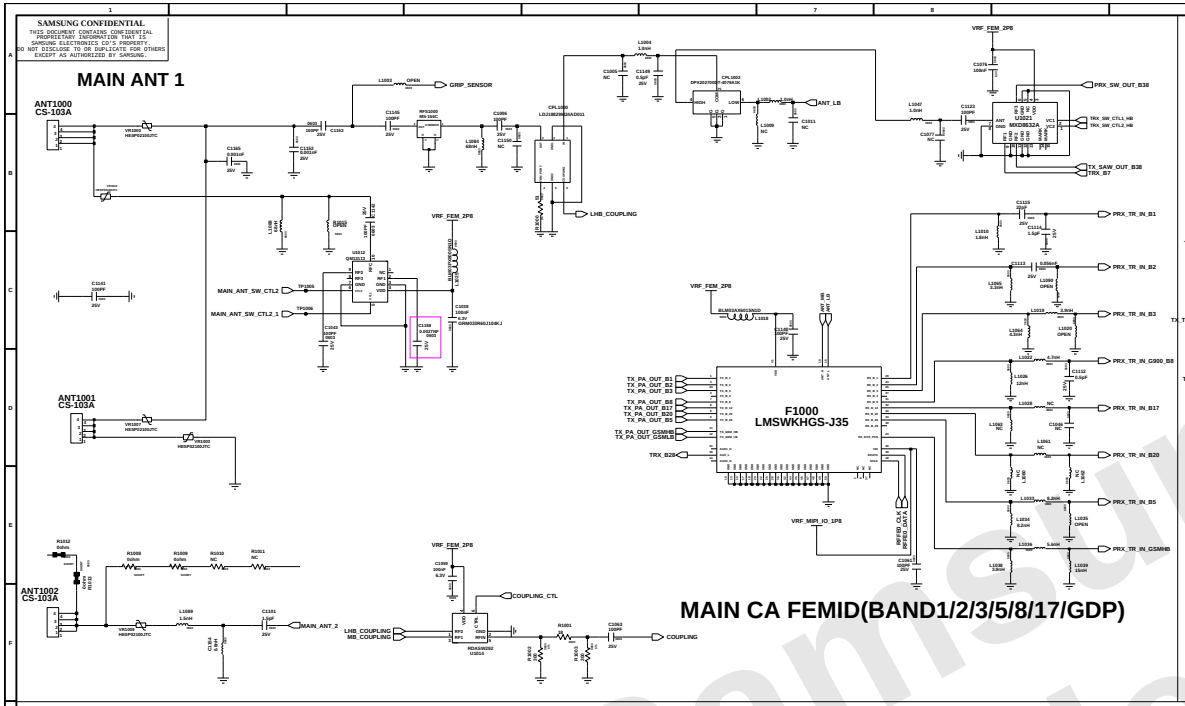
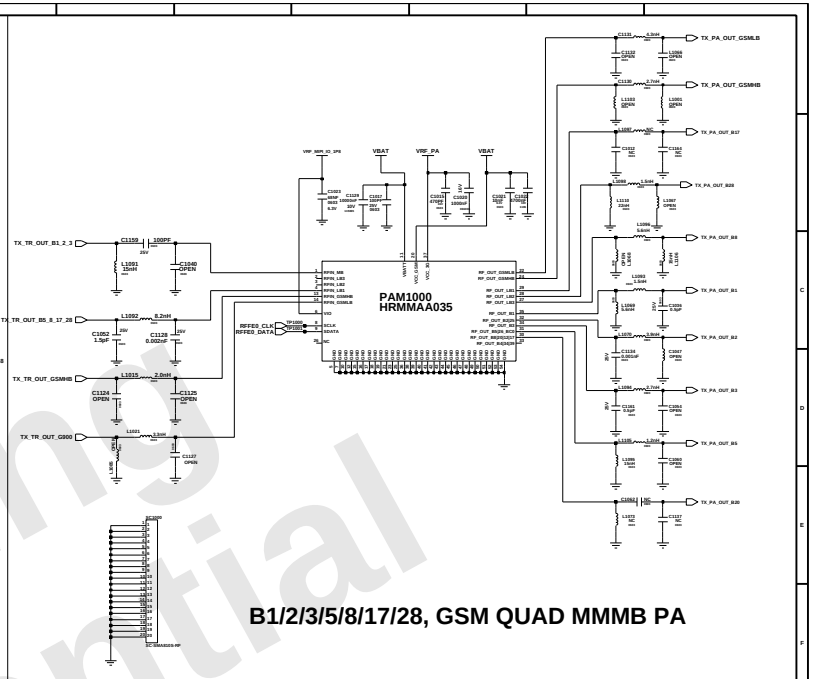
DOC CTRL CHK:
MFG ENGR CHK:
QA CHK:
TITLE: A8_ISTOR
SIZE: A1
REV:
Drawing Number:
Page:
Changed By: (name)
Date Changed:
Time Changed:

MAIN ANT 1

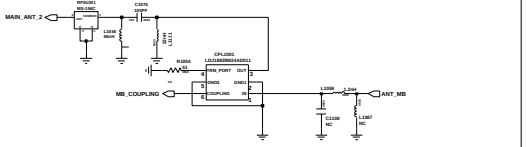


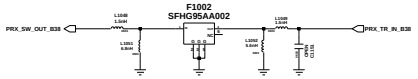
MAIN CA FEMID(BAND1/2/3/5/8/17/GDP)

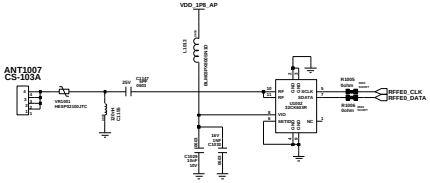


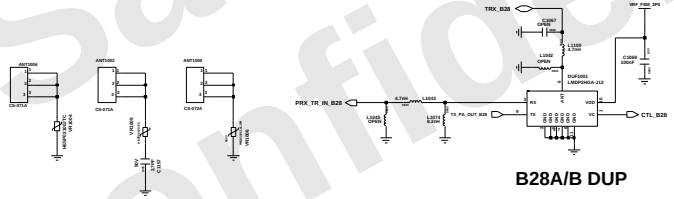
B1/2/3/5/8/17/28, GSM QUAD MMMB PA

MAIN ANT 2

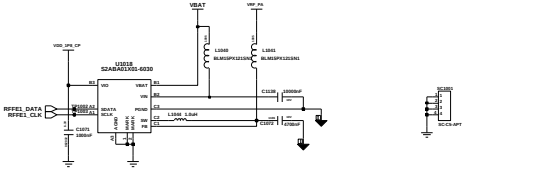




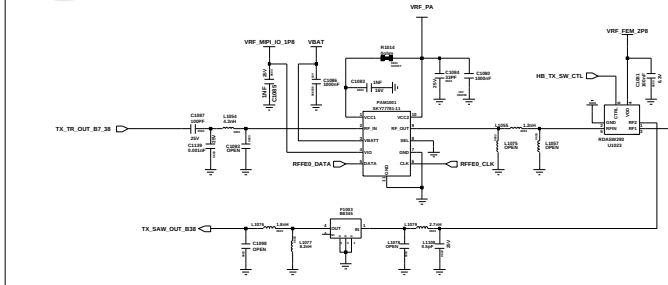




B28A/B DUP



APT MODULATOR



BAND7

Engineer	RF MAIN
Model No.	
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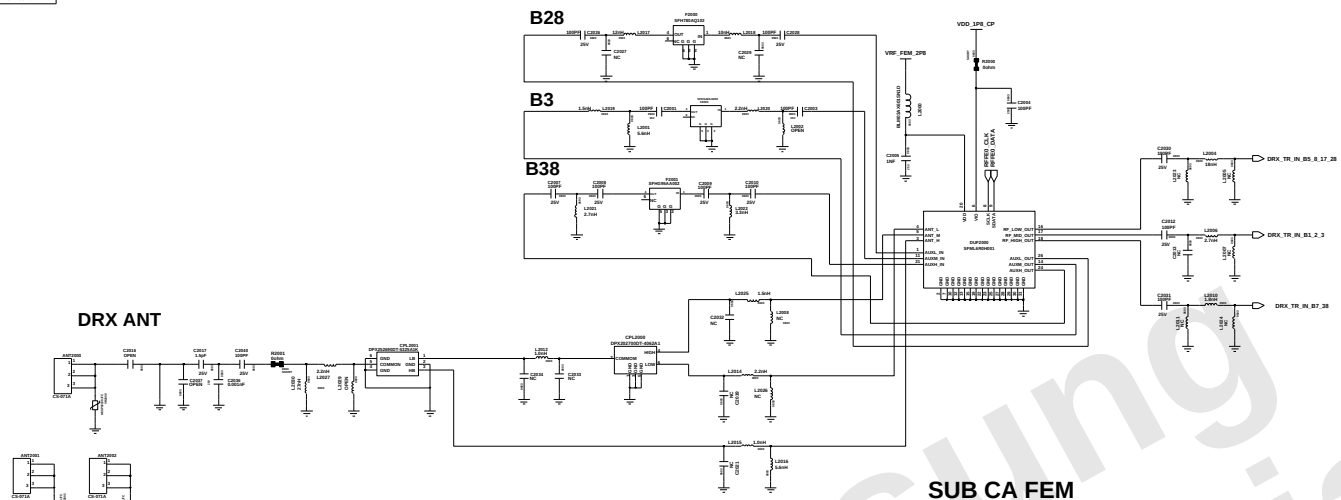
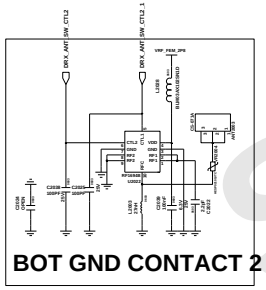
RFG ENGR CHK:	
QA CHK:	Drawing Number: 1/11

Changed by:	Date Changed:	Time Changed:



DRX ANT

SUB CA FEM



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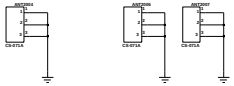
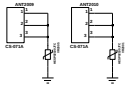


B GND CONTACT



R GND CONTACT

Engineer:	RF DRX
Scroll by:	
R&D CHK:	TITLE: A8_ISTOR
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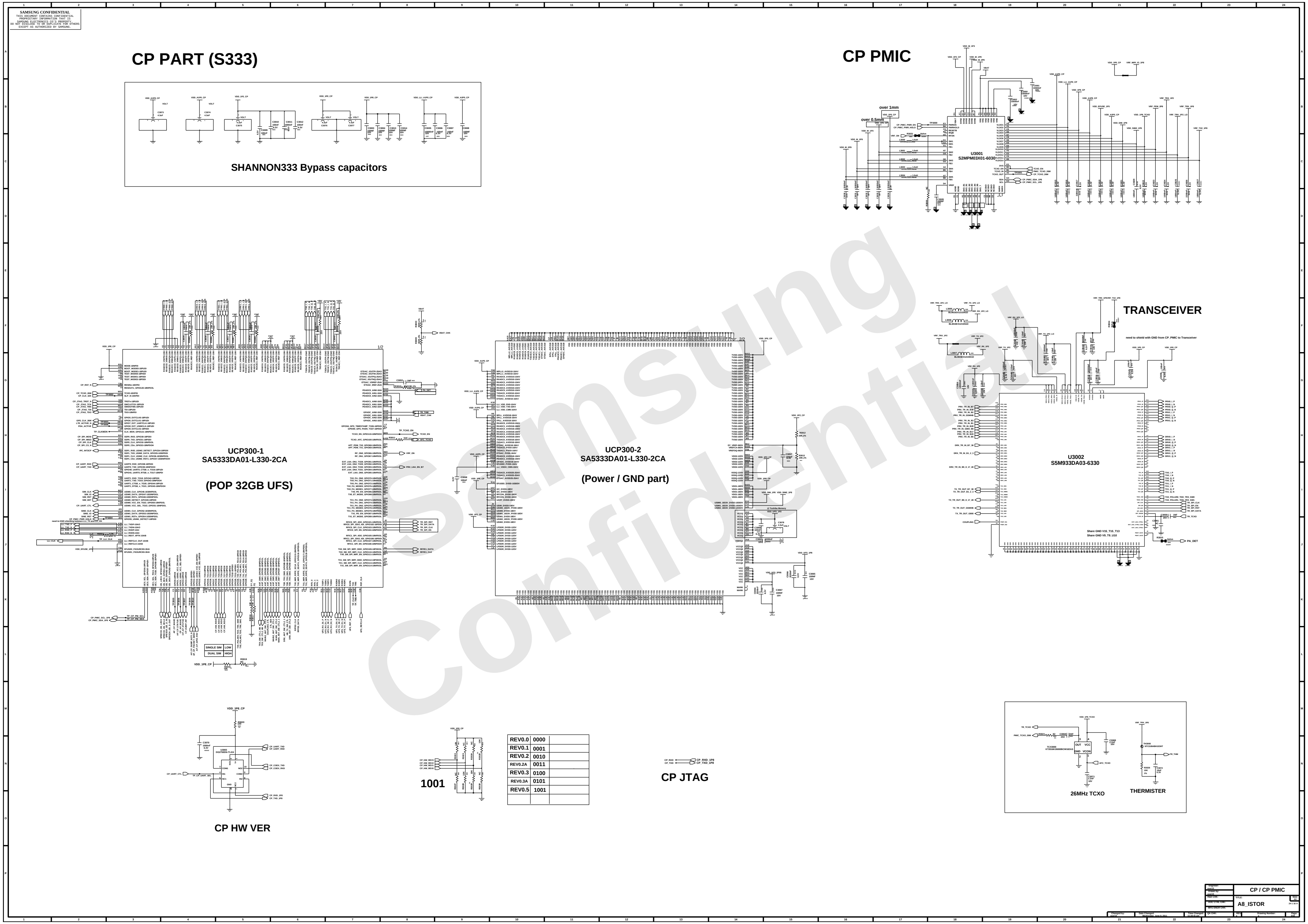
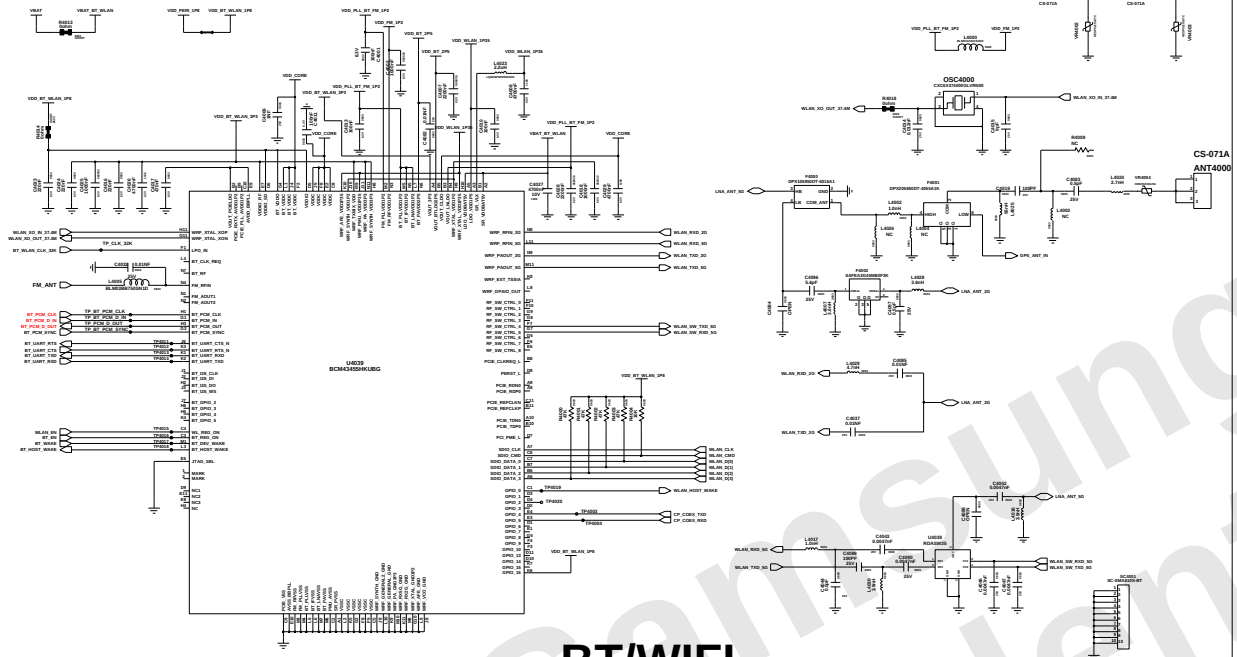
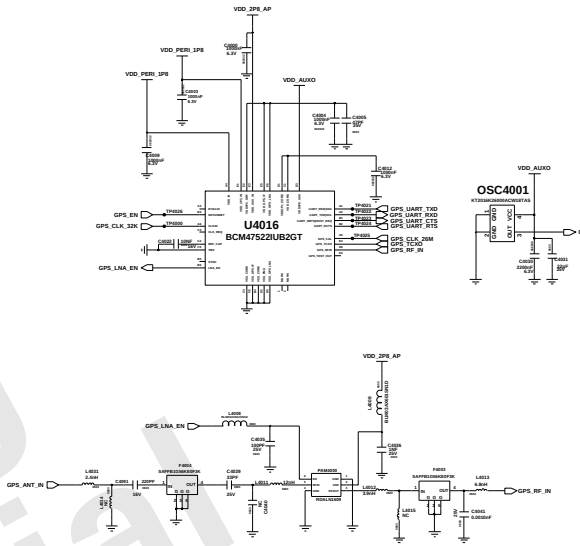
RFG ENGR CHK:	
QA CHK:	REV: Drawing Number: NN

Changed by:	Date Changed:	Time Changed:


SAMSUNG CONFIDENTIAL
CP PART (S333)
SHANNON333 Bypass capacitors
CP PMIC
U3001
S2MPM03X01-6030
TRANSCEIVER
U3002
S5M933DA03-6330
UCP300-1
SA5333DA01-L330-2CA
(POP 32GB UFS)
UCP300-2
SA5333DA01-L330-2CA
(Power / GND part)
CP HW VER
1001
REV0.0 0000
REV0.1 0001
REV0.2 0010
REV0.2A 0011
REV0.3 0100
REV0.3A 0101
REV0.5 1001
CP JTAG
26MHz TCXO
THERMISTER
CP / CP PMIC
A8_ISTOR
Samsung Confidential

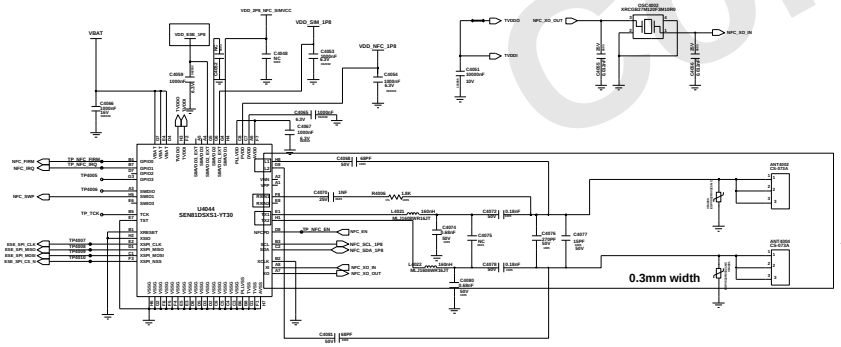


BT/WIFI

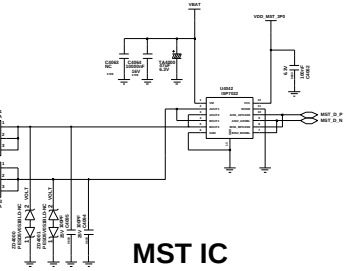


GPS / GNSS

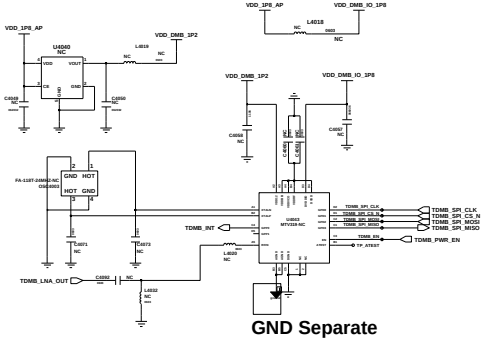
NFC



MST IC



TDMB



Engineer		CONNEOCTIVITY / TDMB	
Model No.			
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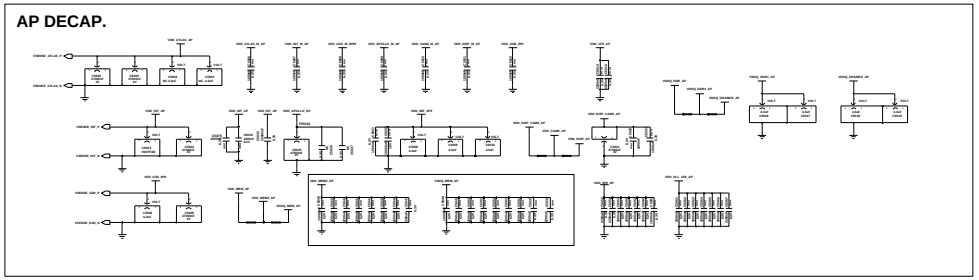
DOC CTRL CHK.			
MFG ENGR CHK.			
Changed By:	Date Changed:	Time Changed:	QA CHK.
			Drawing Number: JIN

4. EXYNOS7420(ISTOR), eMMC

AP DECAP.



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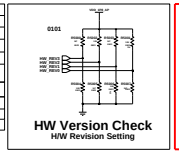
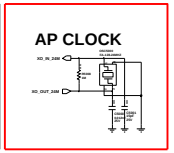
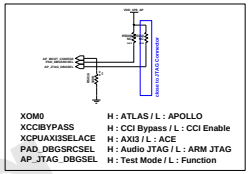
0001	REV0.1
0010	REV0.2
0011	REV0.3
0100	REV0.4
0101	REV0.5



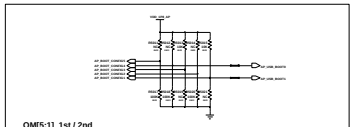
HW Version Check
H/W Revision Setting

AP CLOCK





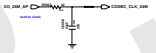
XOM0	H : ATLAS / L : APOLLO
XCCIBYPASS	H : CCI Bypass / L : CCI Enable
XCPUAXI3SELACE	H : AXI3 / L : ACE
PAD_DBGSRCSEL	H : Audio JTAG / L : ARM JTAG
AP_JTAG_DBGSEL	H : Test Mode / L : Function

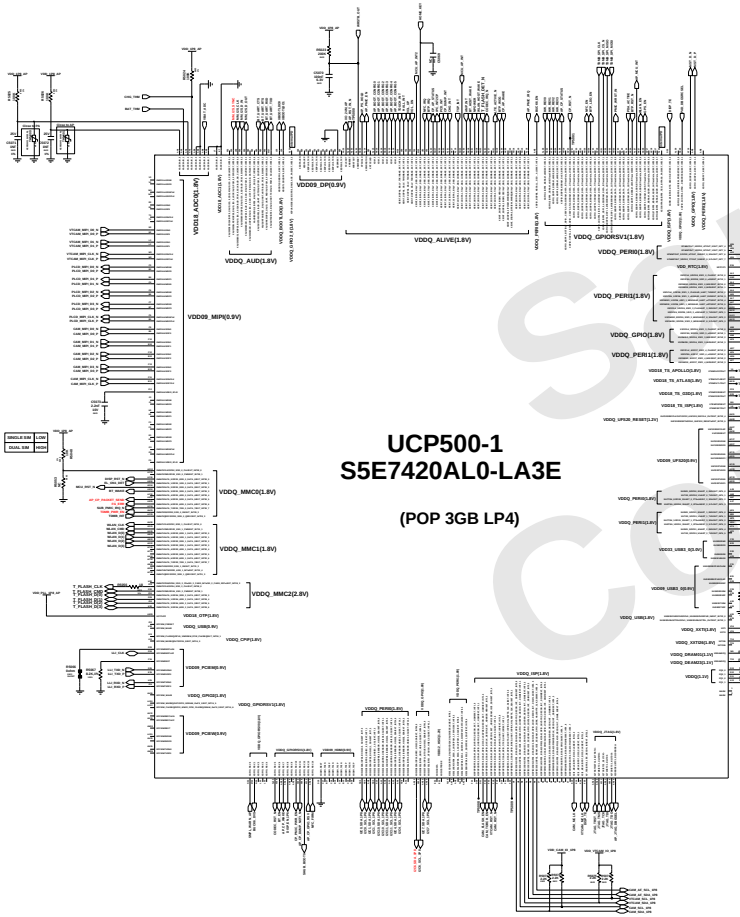


OM[5:1] 1st / 2nd

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

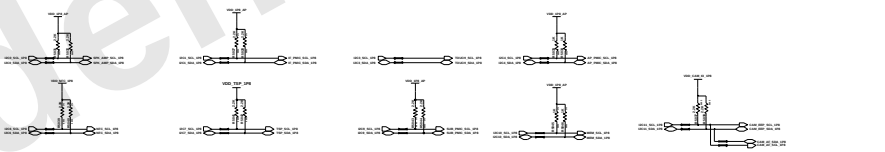




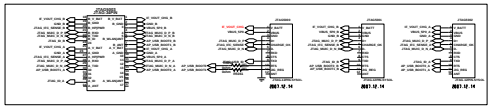
UCP500-1
S5E7420AL0-LA3E

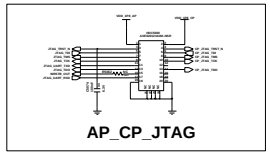
(POP 3GB LP4)

H/W I2C

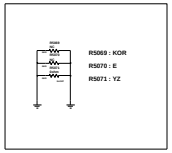


PCB JTAG



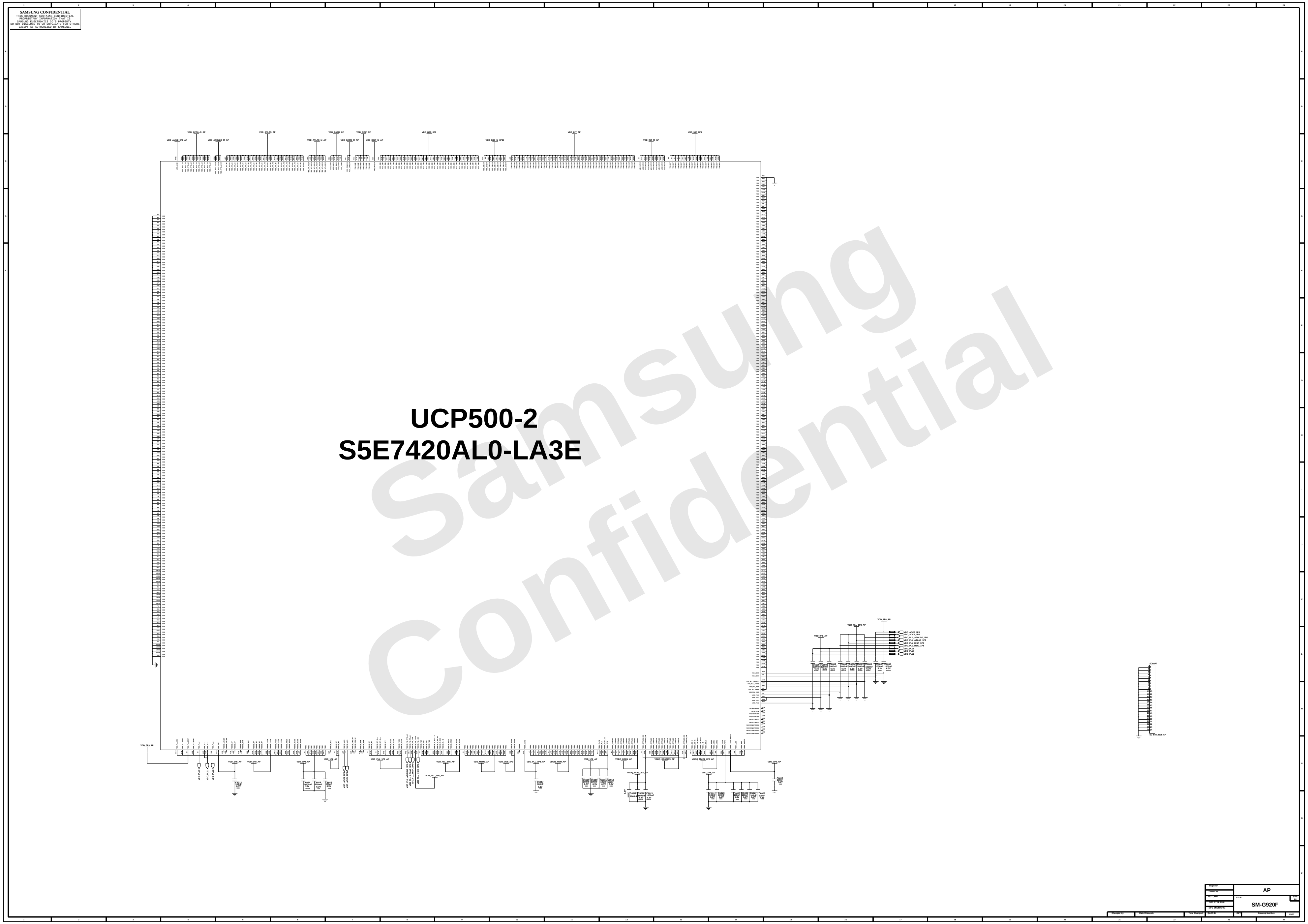


AP_CP_JTAG

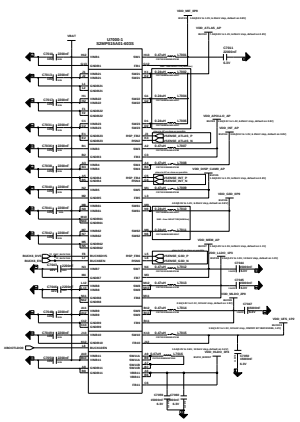


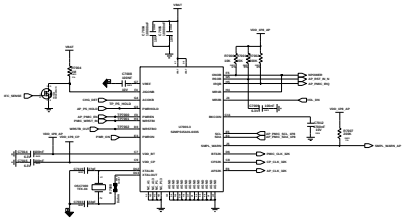
RS069 : KOR
RS070 : E
RS071 : YZ

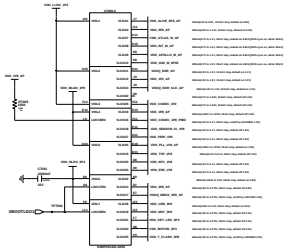
Engineer	
Drawing No.	AP, SIM&SD SOCKET
Model Name	SM-G920F
Date	



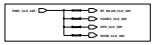
AP PMIC

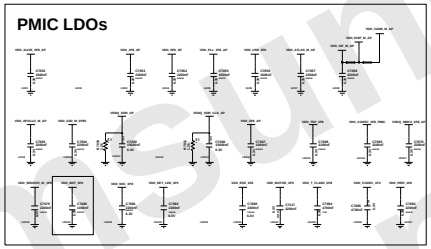




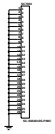


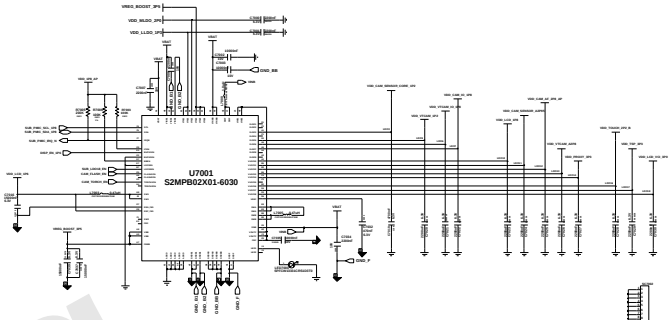
Check



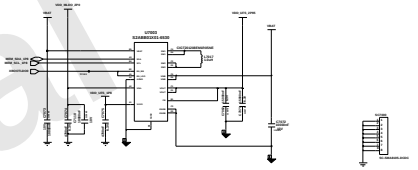


Bulk Cap. connect from V_BAT to VINBx



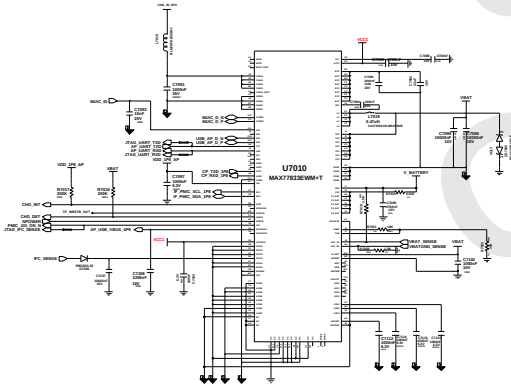


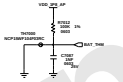
SUB_PMIC(S2MPB02)



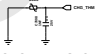
EMMC BUCK BOOSTER

IF PMIC (CL33)

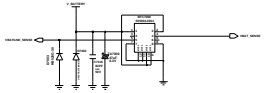




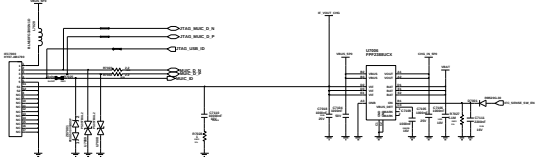
BATTERY THEMISTOR



CHG THEMISTOR



BATTERY CON

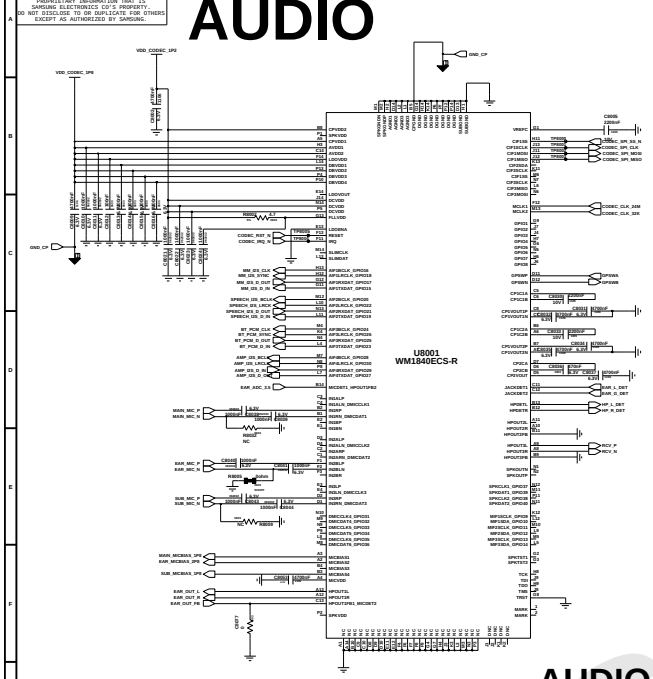


IF Connector

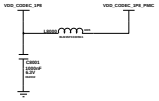
(PCB CUT)

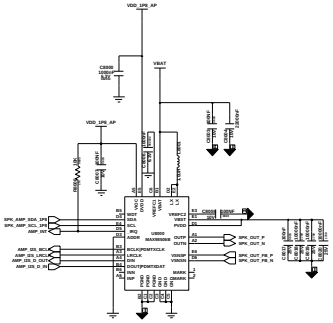
Project	AP/IF/SUB PMIC
Engineer	
Size	A3
Date	A8_ISTOR
Drawing Number	Rev

AUDIO

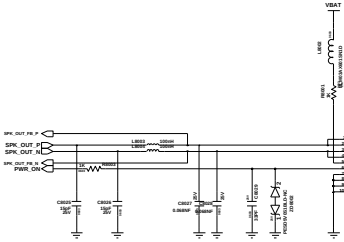


AUDIO CODEC

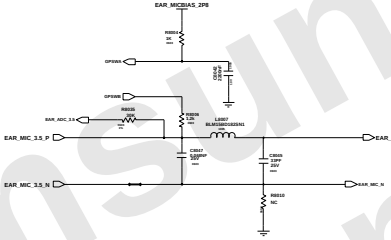




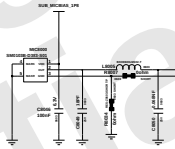
AUDIO AMP



SPK/POWER KEY CON



Ear MIC



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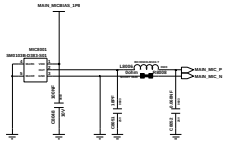
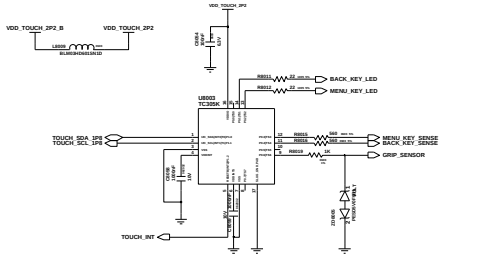
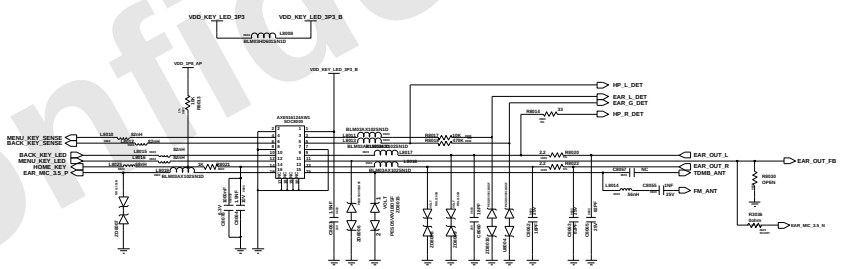


MAIN MIC

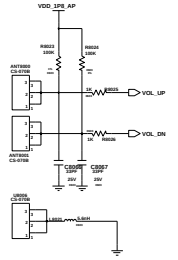


TOUCH KEY & LED

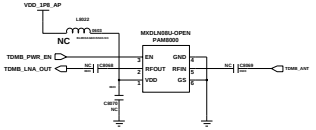
Shielding Can



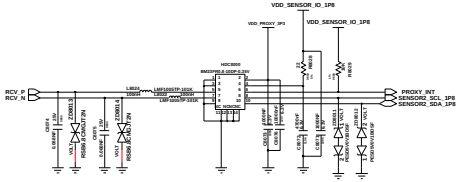
EAR/TOUCH CONNECTOR



VOLUME KEY



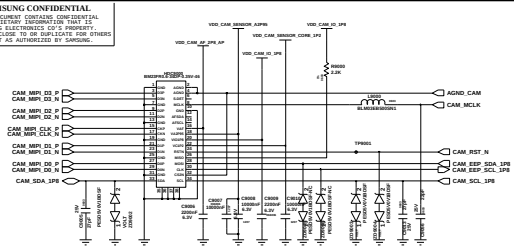
TDMB LNA



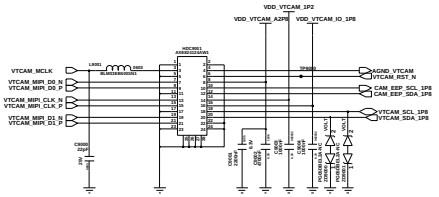
RCV/PROXY CONNECTOR

Engineer:		AUDIO / IF SUB CON	
Drawn by:			
R&D CHK:		TITLE:	Size: A3
DOC CTRL CHK:		A8_ISTOR	
BPG ENGR CHK:			
QA CHK:		REV:	Drawing Number:

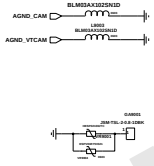
Changed by:	Date Changed:	Time Changed:	

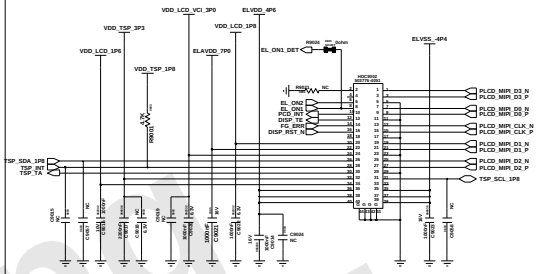


16M_Camera Connector (MIPI)

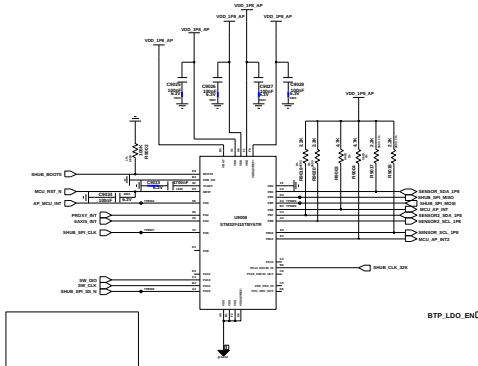


5M Camera CON

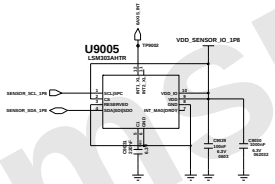




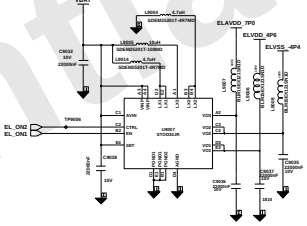
5.7" FHD OCTA CON



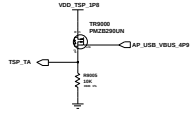
Sensor Hub

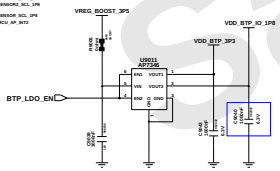


6 Axis Sensor(Magnet & ACC)

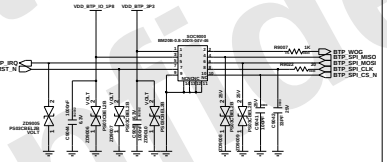


OCTA DCDC CONVERTER

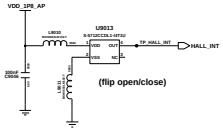




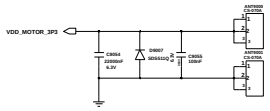
BTP OCP and PWR



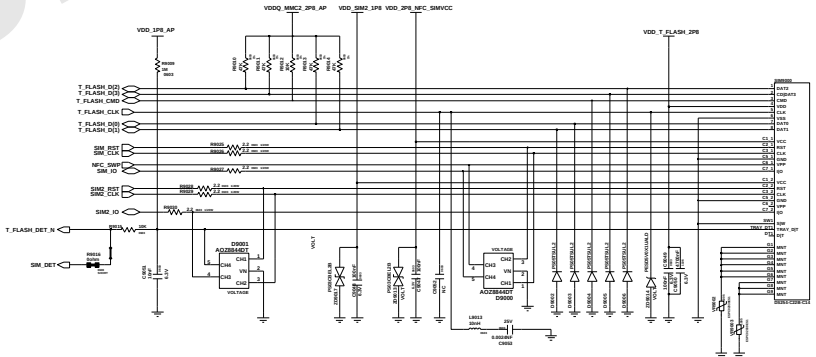
BTP IF Conn



Hall IC



MOTOR
(DC)



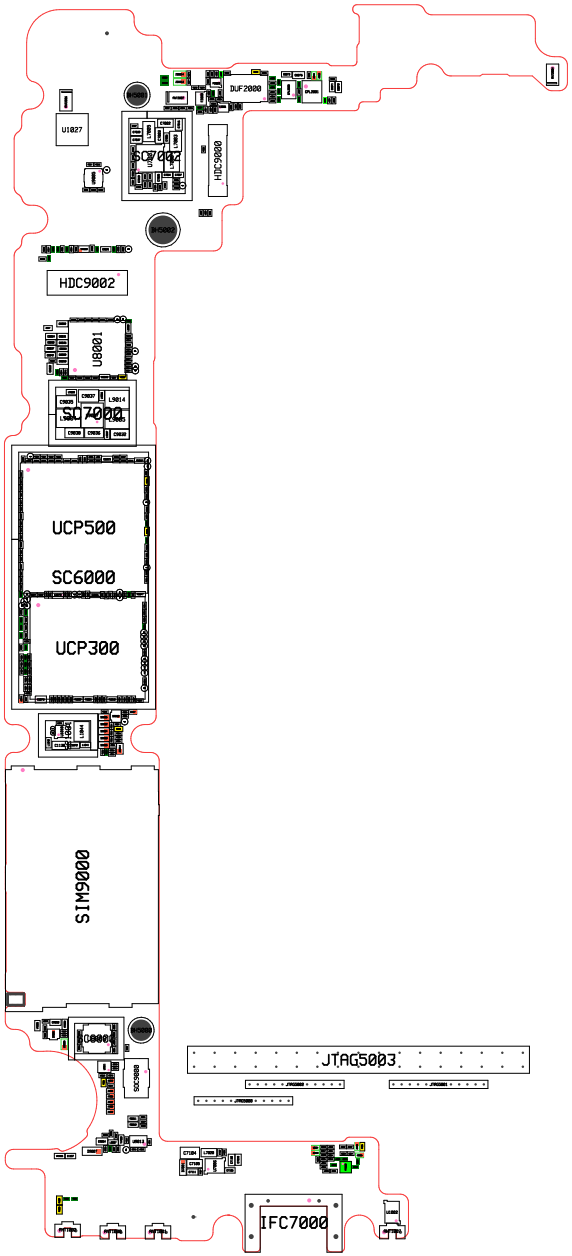
3IN2 (SIM1:SIM2/SD) SOCKET

Engineer:	CAMERA / LCD / SIM,SD CON
Model No:	
RDD CHK:	TITLE: A8_ISTOR
DOC CTRL CHK:	
MFG ENGR CHK:	
QA CHK:	

Changed By:	Date Changed:	Time Changed:	Drawing Number:

VX_Setup(2016-01-20)_HHP

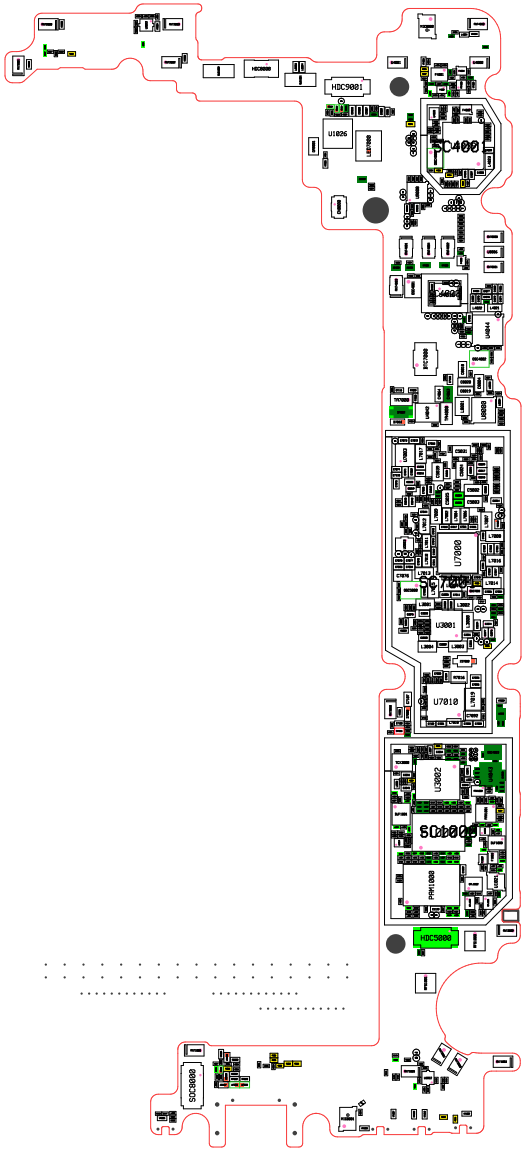
Model :
Revision :
Manufacture Count :
Charge :
Contact :
Date :
Routing :
Resin :



AON1605(TR7001) : IT'S Wrong Polarity possibility. Check the Pin1

Model :
Revision :
Manufacture Count :
Charge :
Contact :
Date :
Routing :
Resin :

VX_Setup(2016-01-20)_HHP



AON1605(TR7001) : IT'S Wrong Polarity possibility. Check the Pin1