



SM-G928X_REV0.6_LDU

2015.07.02

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	STM5000/STM5001 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	SKY78042	MT094AJB-304	BAND 20 + BAND 40	3CA S5M933DA02-6031 R3035 3CA SA5333DA01-L030 R5100	SIM5000 R5094 R3019
928G/2CA/SS	SKY78042	MT094AJB-304	BAND 20 + BAND 40	2CA S5M933DA02-6331 R3036 2CA SA5333DA01-L330 R5101	SIM5000 R5094 R3019
9287C/2CA/OS	SKY78042	MT094AJB-304	BAND 20 + BAND 40/41	2CA S5M933DA02-6331 R3036 2CA SA5333DA01-L330 R5101	SIM5001 R5093 R5457

BARCODE

Coaxial to u-USB PCB

LB/MB ANT PATH

AU LB ANT Matching
U9403 : 27nH
C1014 : 3.3nH
C1016 : 1.2pF

EU/MA/SEA1 : LMTWHTFA-H26
AU/LA/SWA/SEA2 : SKY78042

LB PAMID

B1 Rx LNA / Post SAW Circuit

B3 Rx LNA / Post SAW Circuit

MB PAMID

EU/MA/SEA : AFEM-9025-SG1

NC : For HK / TW

POWER DETECT CIRCUIT

WR_CPL_0001	WR_CPL_0002	NAME
0	1	LR_CPL
1	0	HR_CPL
1	1	MR_CPL

S710 ET MODULATOR

ISOLATION

GRM188R010E75K0A

ISOLATION

BAND40 Tx/Rx

(For G928I)

BAND41 Tx/Rx

(For G9287C)

LTE-TDD B40/B41 PA

HB PA/PAD

B7 PAD

B7 Rx LNA Module

Engineer: HW JORDAN	RF MAIN ANT / TX / PRX /
Drawn by: HW JORDAN / SPAT	
REO CHK:	
DWG CTR. CHK:	
INFO ENGR. CHK:	
QA CHK:	SM-G928X_LDU

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RF2

SMR Poron

F2001

ANT2005

ANT2001

ANT2002

ANT2004

ANT2007

ANT2008

ANT2009

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ANT2011

ANT2012

ANT2013

ANT2014

ANT2015

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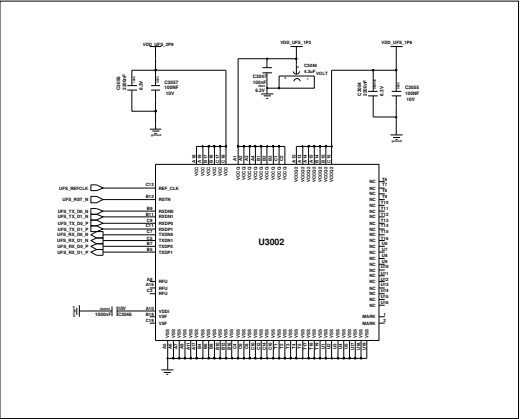
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ANT2302

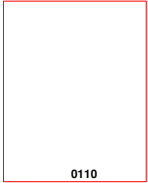
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CP PART (S333)

CP PMIC



CP HW VER



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

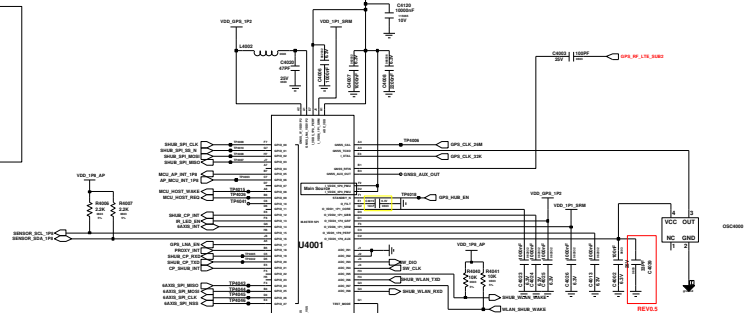
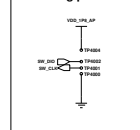
CP JTAG

Signature	CP, CP PMIC
Version	1.0
File Name	SM-G928X_LDU
File Path	...
File Size	...
File Date	...
File Time	...

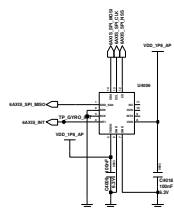
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SENSORS

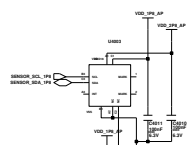
Debug port



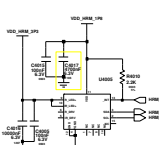
Sensor HUB



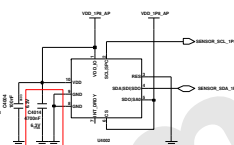
6 Axis Sensor
(GYRO,ACCEL)



Magnetic Sensor

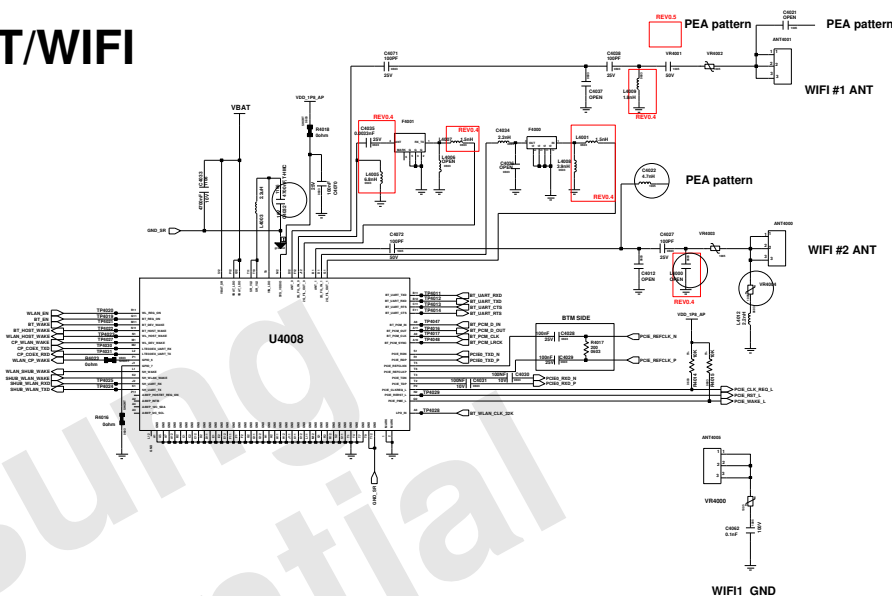


HRM Sensor

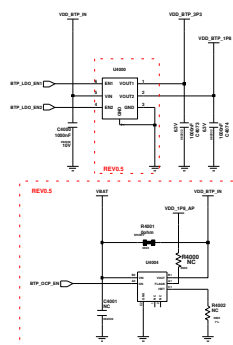


Barometer Sensor

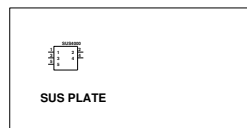
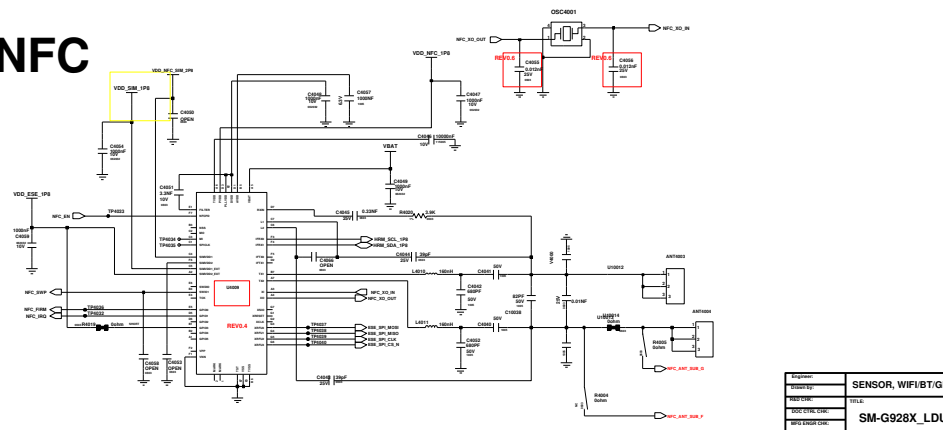
BT/WIFI



BTP

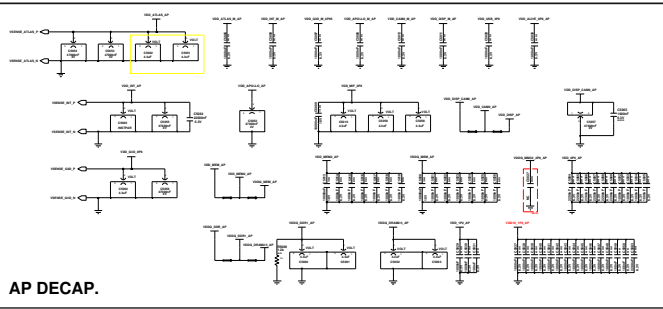


NFC



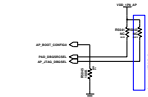
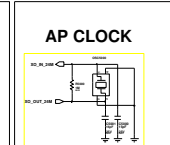
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Version	1.0
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File User	...
File Group	...
File Comment	...

4. EXYNOS7420(ISTOR), eMMC

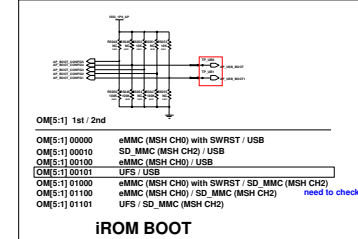
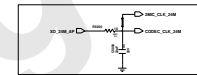


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0001	REV0.0 DV1
0010	None
0011	REV0.1 DV2
0100	REV0.2 PV1
0101	None
0110	None
0111	REV0.3 PV2
1000	None
1001	REV0.4 PV2-1
1010	None

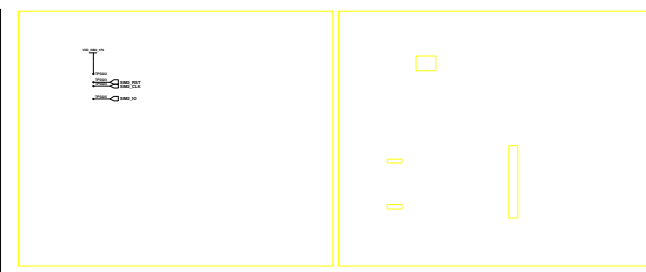
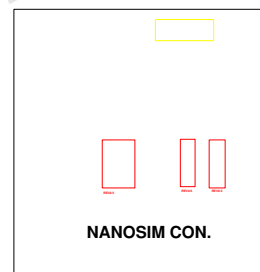
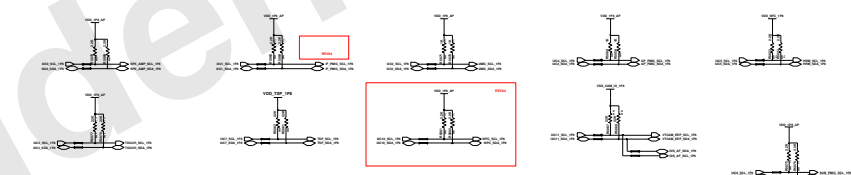
HW Version Check
H/W Revision Setting



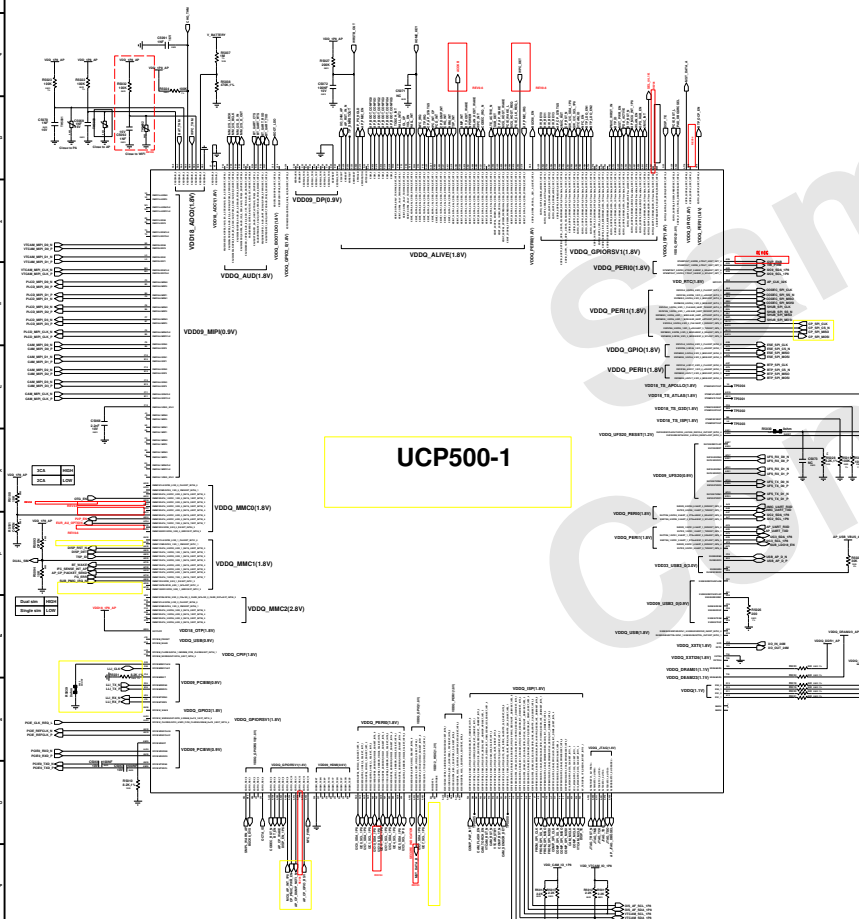
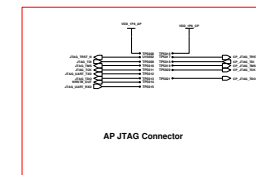
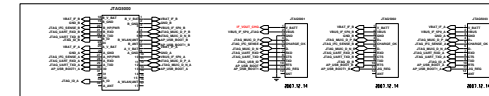
XOM0 : ATLAS / L : APOLLO
XCCBYPASS : CCI Bypass / L : CCI Enable
XCPUX3SELSEL : AXI3 / L : ACE
PAD_DBGSRSEL : Audio JTAG / L : ARM JTAG
AP_JTAG_DBGSEL : Test Mode / L : Function



H/W I2C

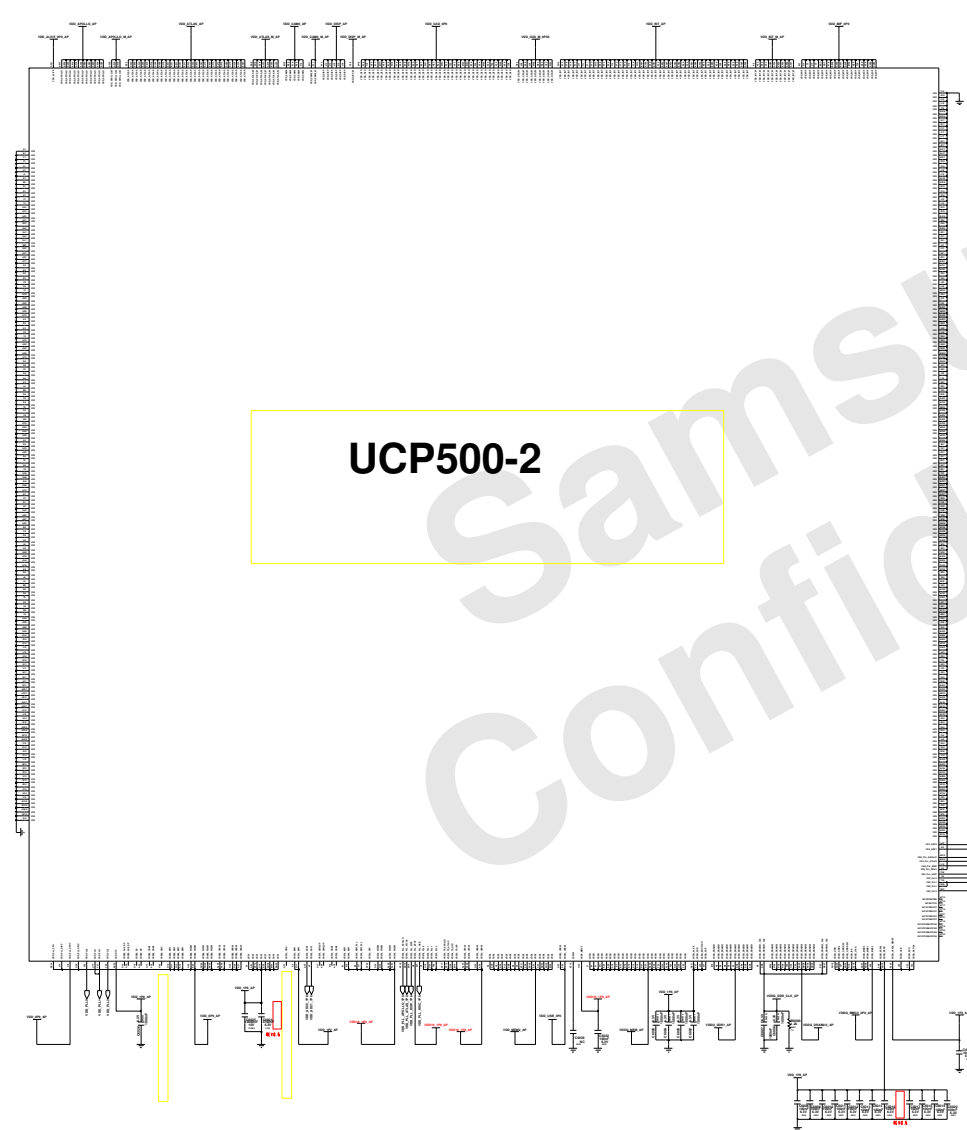


PCB JTAG



AP JTAG CONNECTOR
SM-GR2X_LDU

STANDARD CONFIDENTIAL



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

Shieldcan

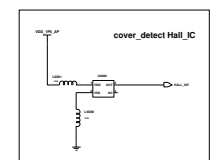
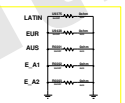
FOR 32GB / 64GB

BRK SIDE

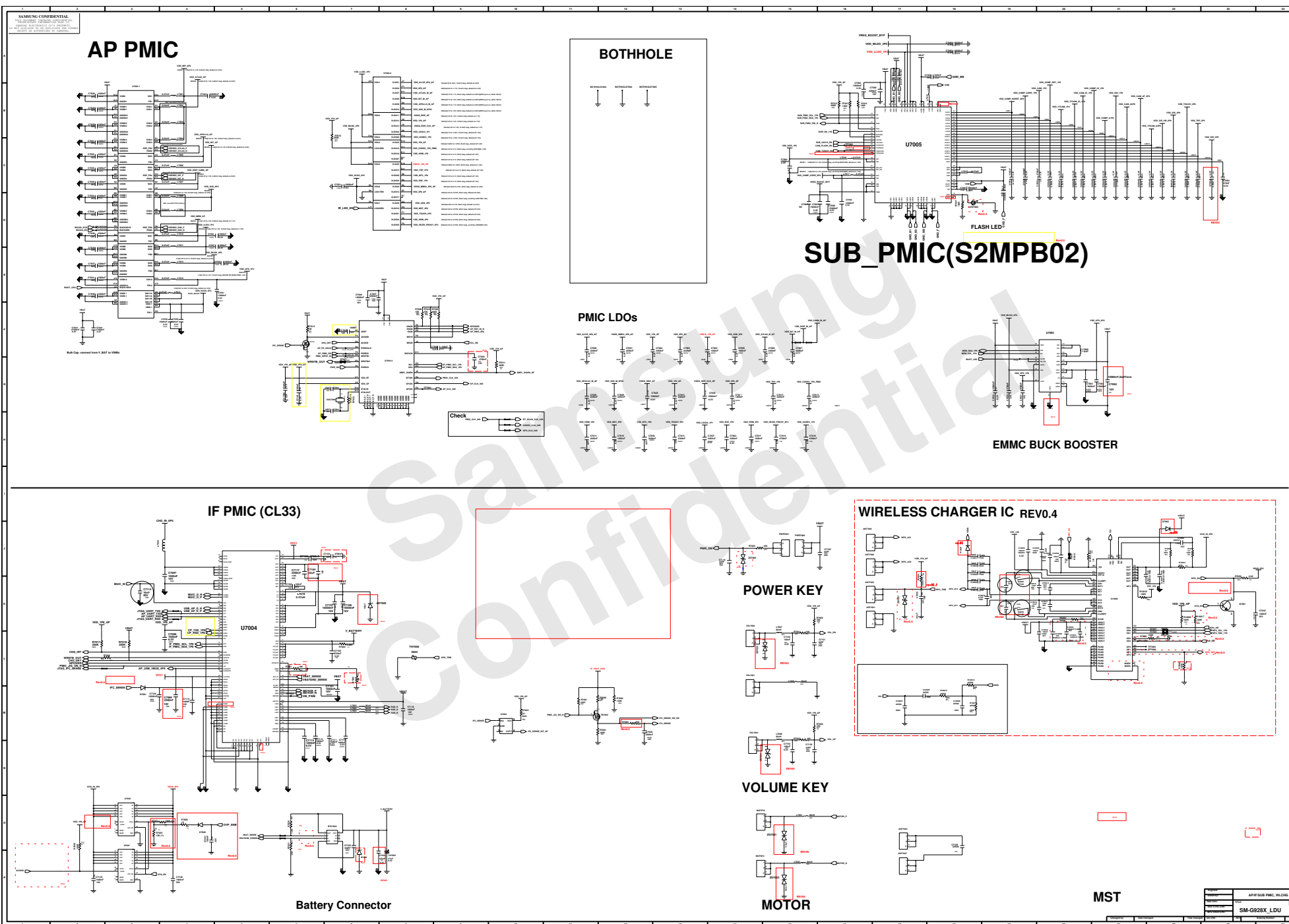
REAR SIDE

FOR 128GB

PIC-BK0250H-AP
GH3-10007A



AP, IRDA
SM-G928X_LDU



AUDIO



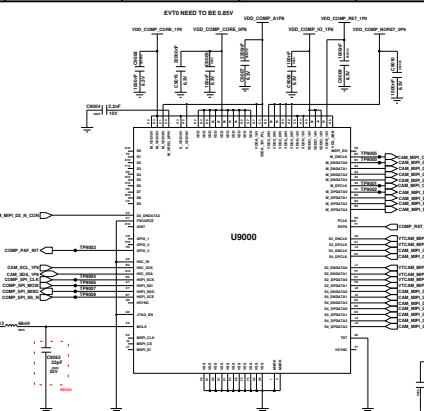
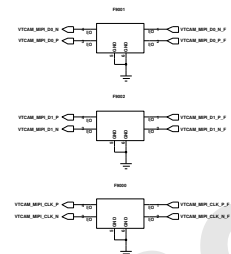
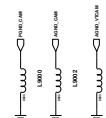
SPK AMP



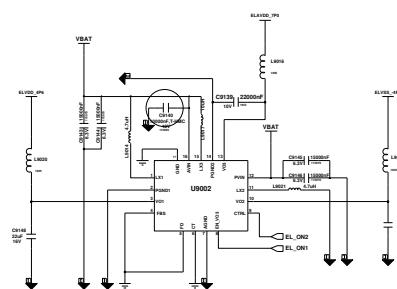
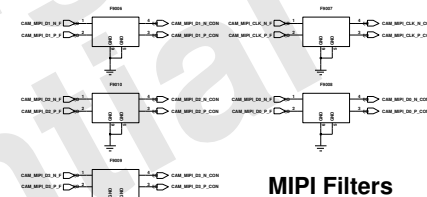
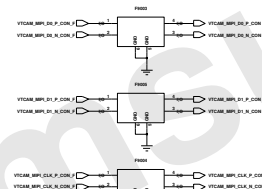
Ear MIC



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user73|swcad73|10.253.15.193|20150716-151500
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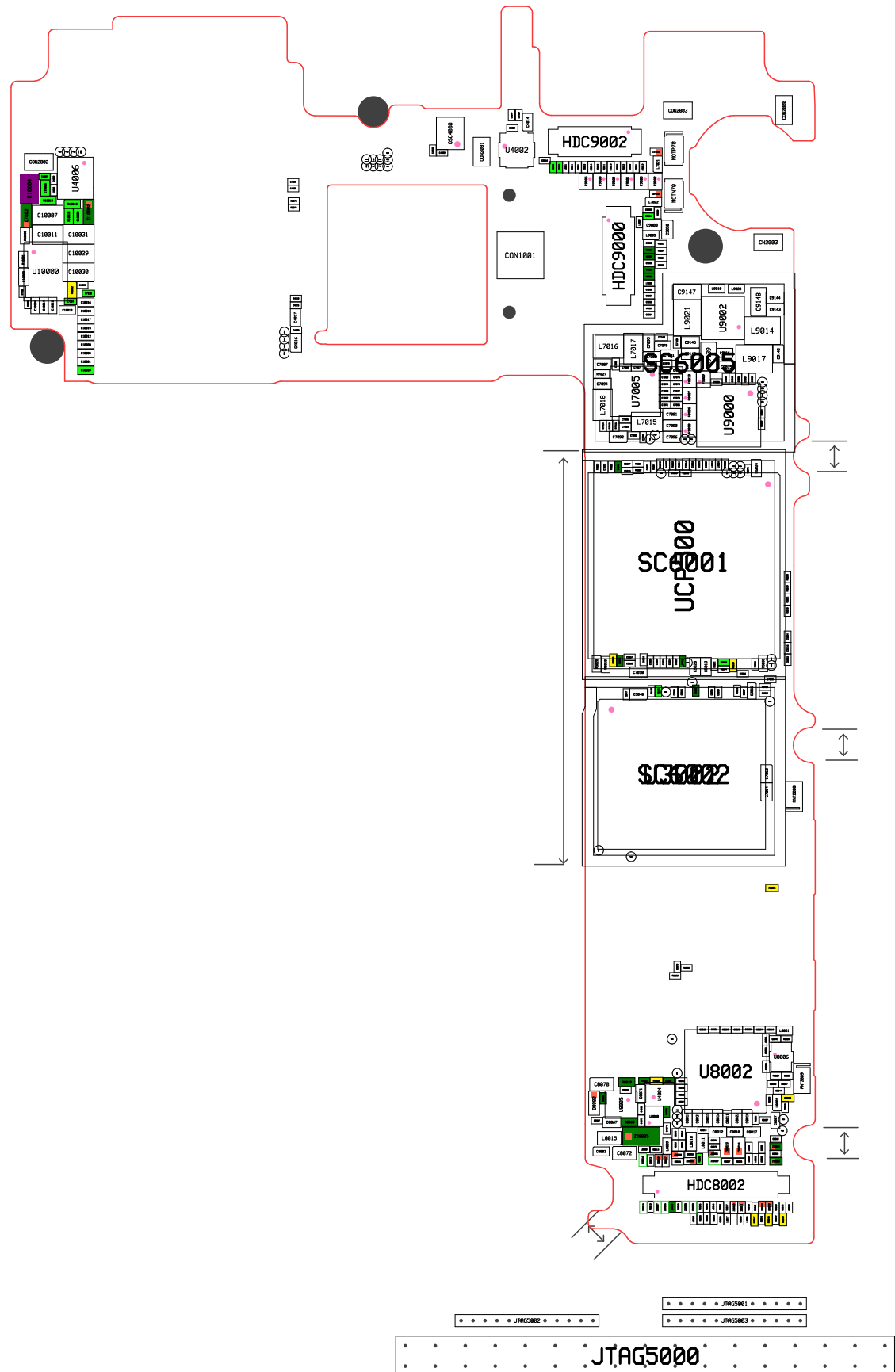
MIPI Filters



OCTA DCDC

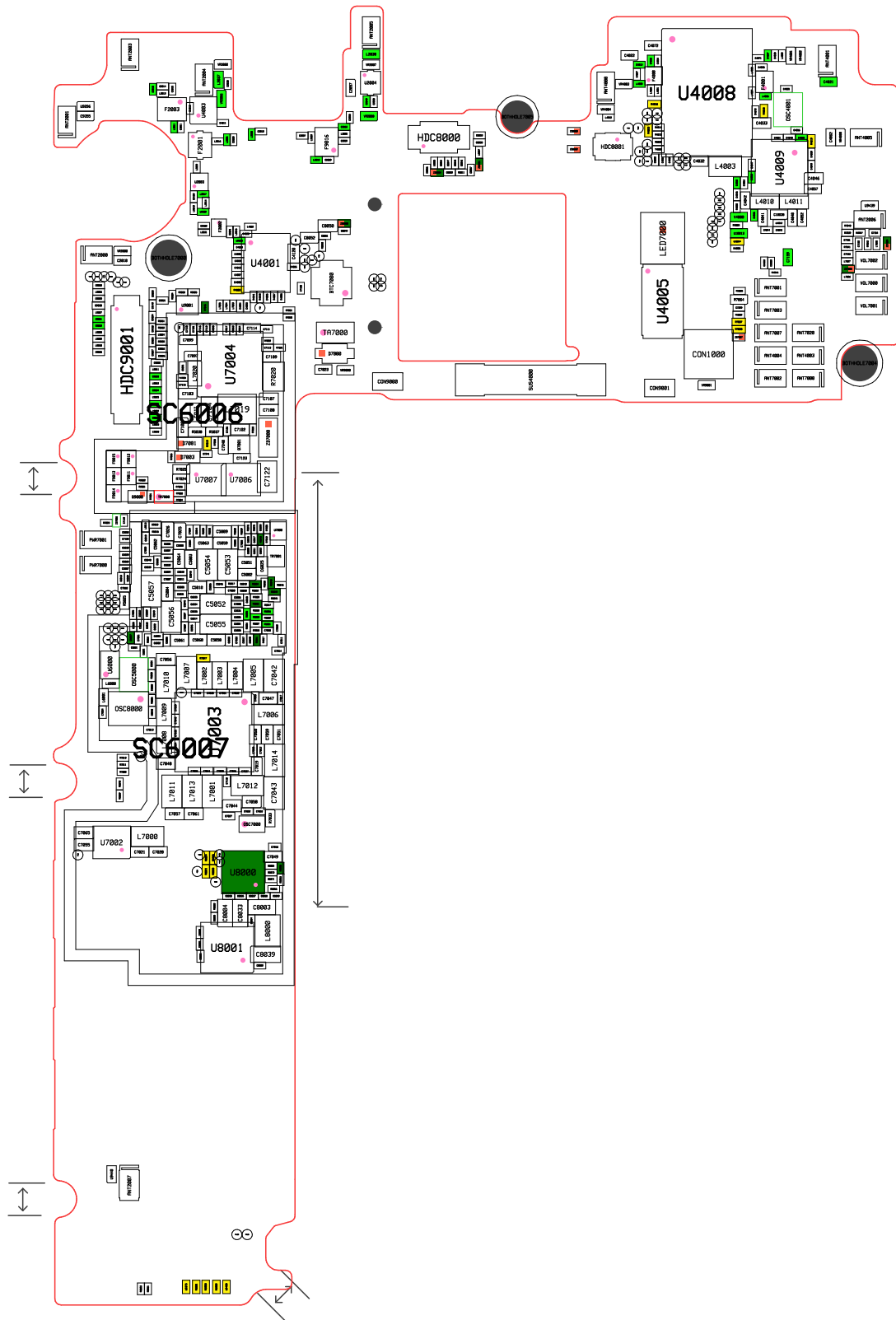
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Setup(2015-05-20)_HHP



AON1605(TR7000) : IT'S Wrong Polarity possibility. Check the Pin1
 2007-010848(R10004) : Check! Bottom Surface of Component

Setup(2015-05-20)_HHP



.....
.....
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AON1605(TR7000) : IT'S Wrong Polarity possibility. Check the Pin1
2007-010848(R10004) : Check! Bottom Surface of Component