8. Schematics

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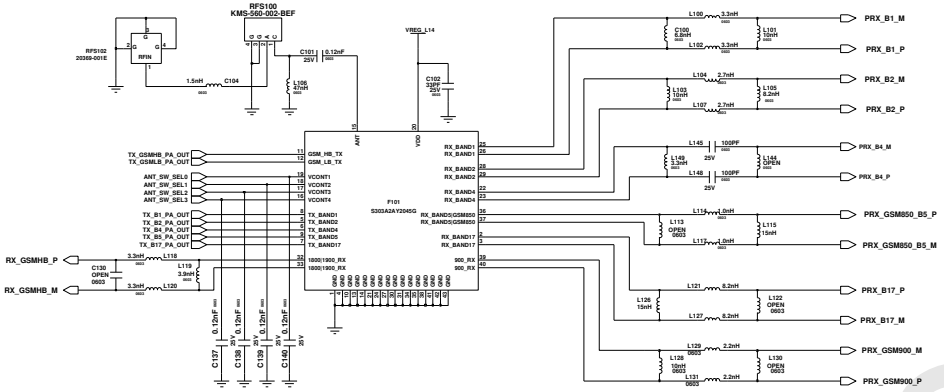
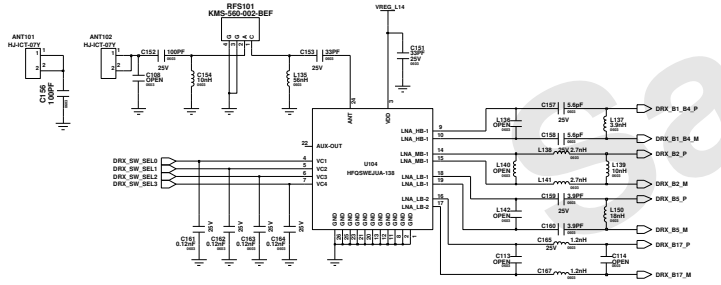
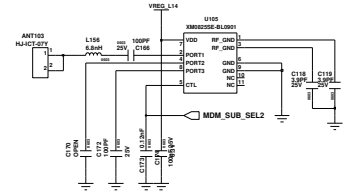


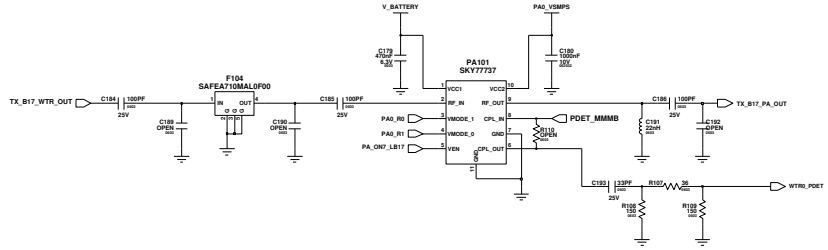


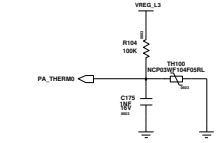
MAIN ANT : FEMID (LMSWDFGA-D92) FOR ATT				
MODE	CTL1	CTL2	CTL3	CTL4
LTX	L	H	H	H
HTX	H	L	L	H
900_RX	H	L	L	L
1800_RX	H	H	H	H
1900_RX	H	H	L	L
BAND1	L	L	H	H
BAND2	H	H	L	H
BAND4	L	H	L	H
BAND5/850	L	H	L	L
BAND17	L	L	L	H

SUB ANT : SW (HFQSWEJUA-138) FOR ATT				
MODE	CTL1	CTL2	CTL3	CTL4
BAND2	H	H	H	H
BAND1/4	H	H	H	L
BAND5	H	L	L	H
BAND8	H	H	L	H
BAND17	H	L	H	H

BAND1/2/4/5/8, GSM QUAD MMMB PA







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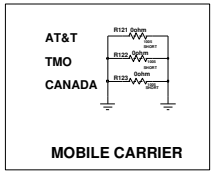
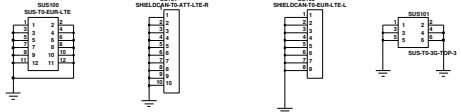
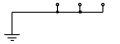


MOBILE CARRIER





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wtl	Thursday, May 28, 2009	10:49:59 am				1/10

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Drawn by: wtl
R&D CHK
DOC CTRL CHK
MFG ENGR CHK

TITLE: RF Front-End
T0_ATT/TMO
Size: A2

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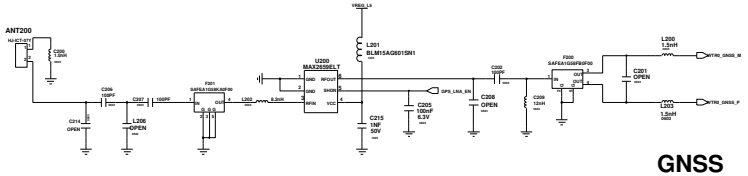
GPS



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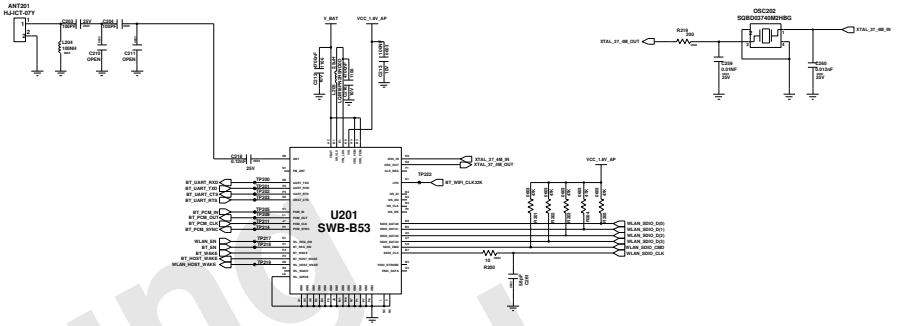
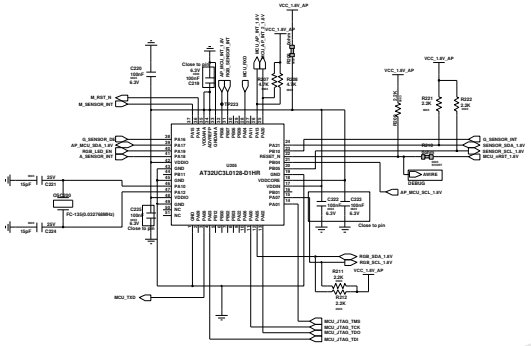


SENSOR HUB



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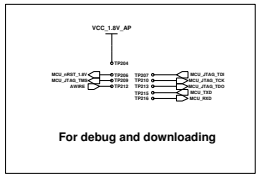
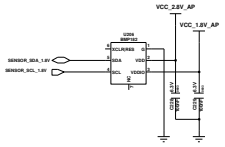
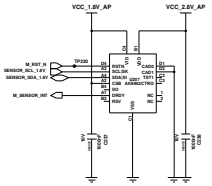


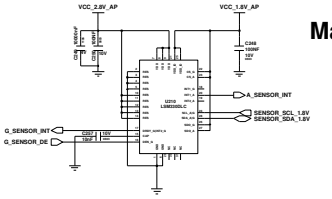
SENSORS



Barometer Sensor

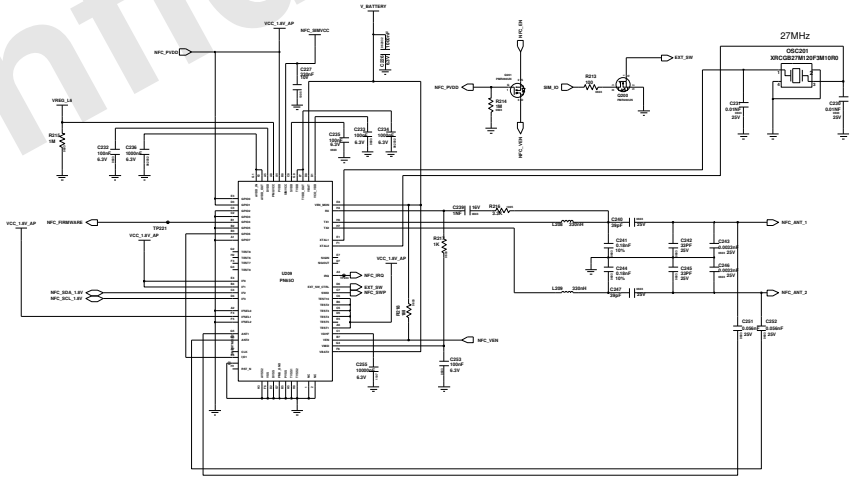


Magnetic Sensor



6 Axics Sensor (GYRO,ACCEL)

NFC



Engineer	Connectivity
Design By	
R&D CHK	TITLE: T0_ATT/TMO
DOC CTRL CHK	
MFG ENGR CHK	
QA CHK	Drawing Number

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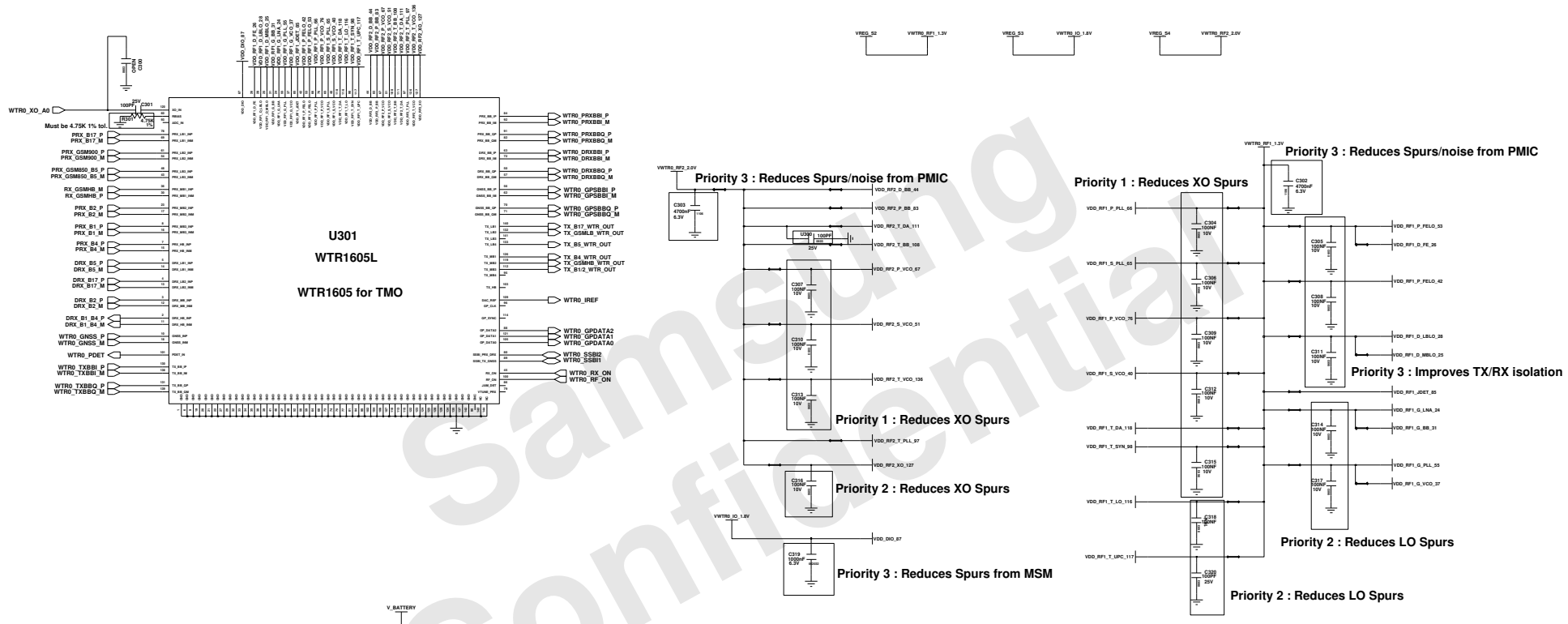
TRANCEIVER



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Engineer wtl
Drawn by wtl
R&D CHK
DOC CTRL CHK
MFG ENGR CHK

TITLE: Tranceiver
T0_ATT/TMO
Size A2

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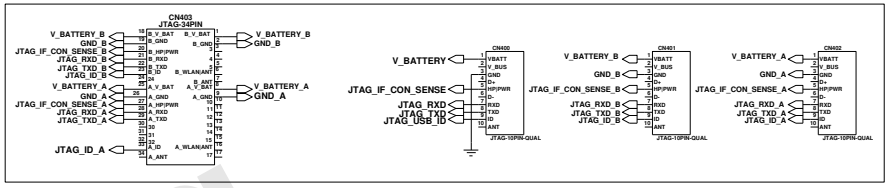
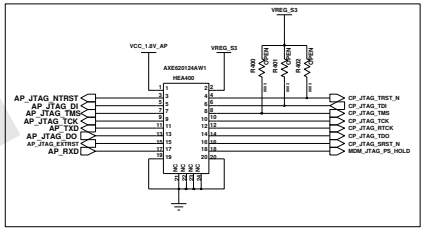
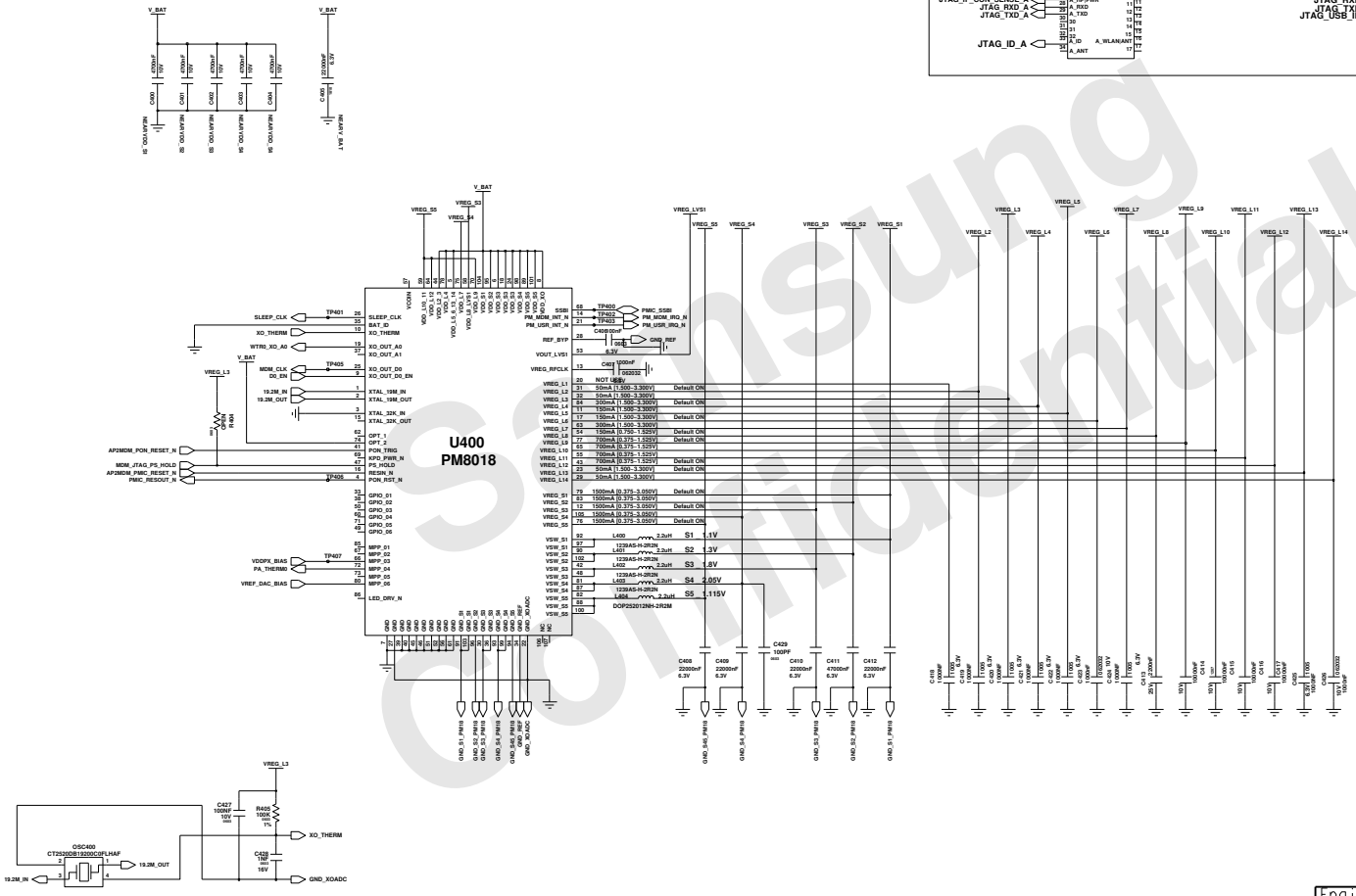
CP PMIC

PCB JTAG



AP / CP JTAG Connector





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Drawn by:			
R&D CHK:	TITLE:	Size: D	
DOC CTRL CHK:	T0_ATT/TMO		
MFG CTRL CHK:			

Changed by:	Date Changed:	Time:	QA CHK:	REV:	Drawing Number:	Page:
user59	Tuesday, November 22, 2011	11:01:34 am				4

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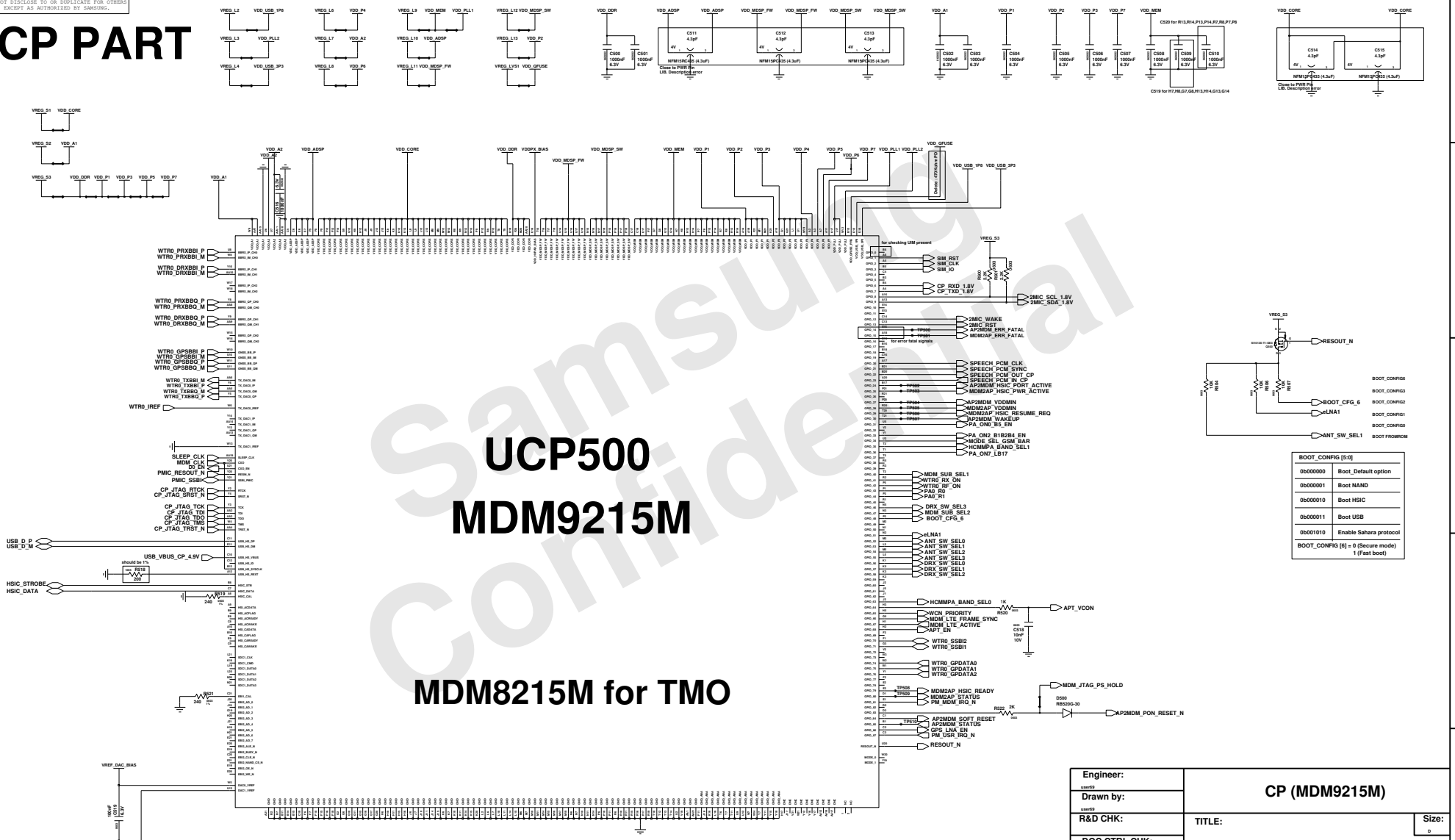
CP PART



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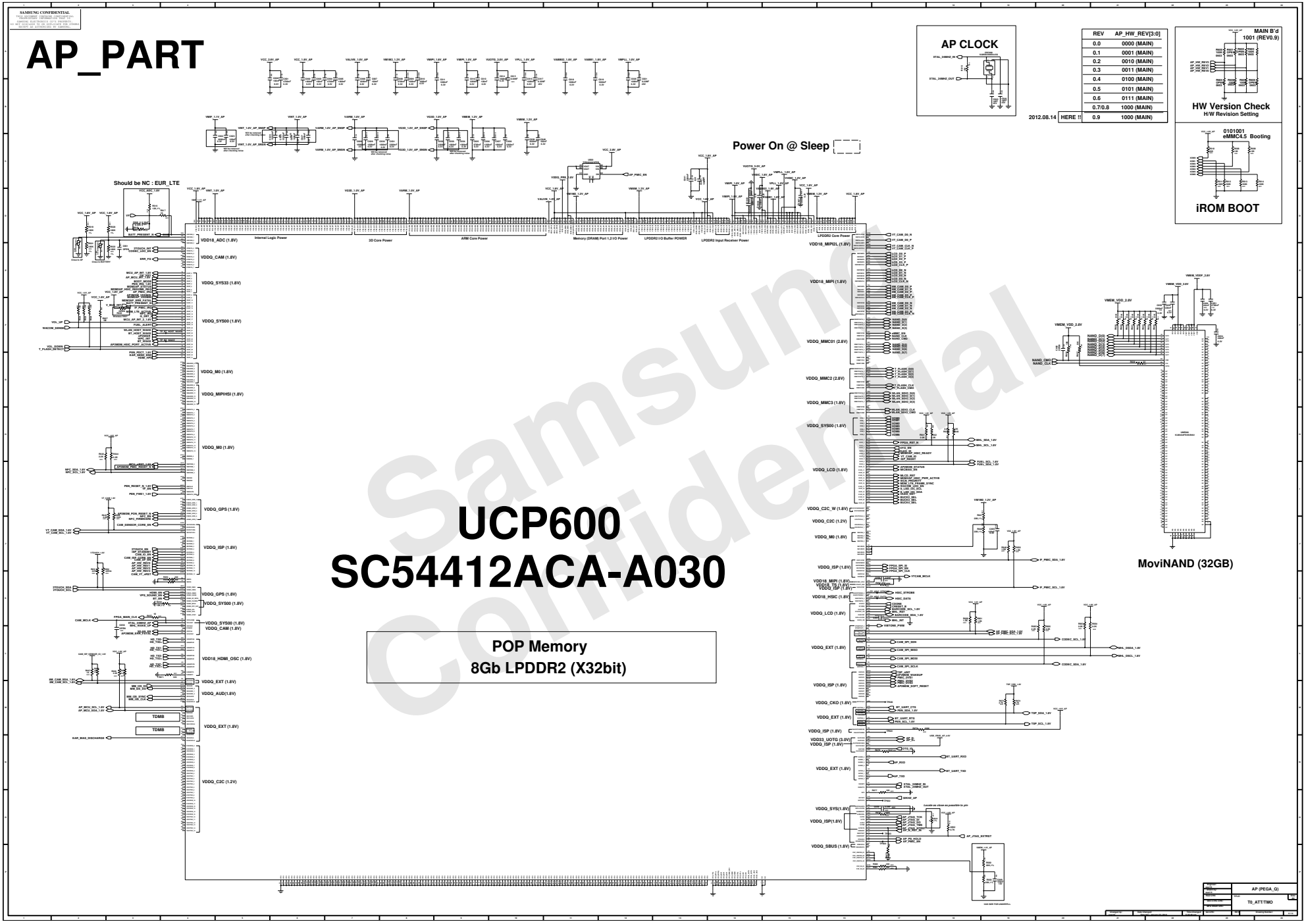

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0.1	0001 (MAIN)
0.2	0010 (MAIN)
0.3	0011 (MAIN)
0.4	0100 (MAIN)
0.5	0101 (MAIN)
0.6	0111 (MAIN)
0.7/0.8	1000 (MAIN)
2012.08.14 HERE !! 0.9	1000 (MAIN)

user3|swcad3|165.213.124.172|20120814-193509

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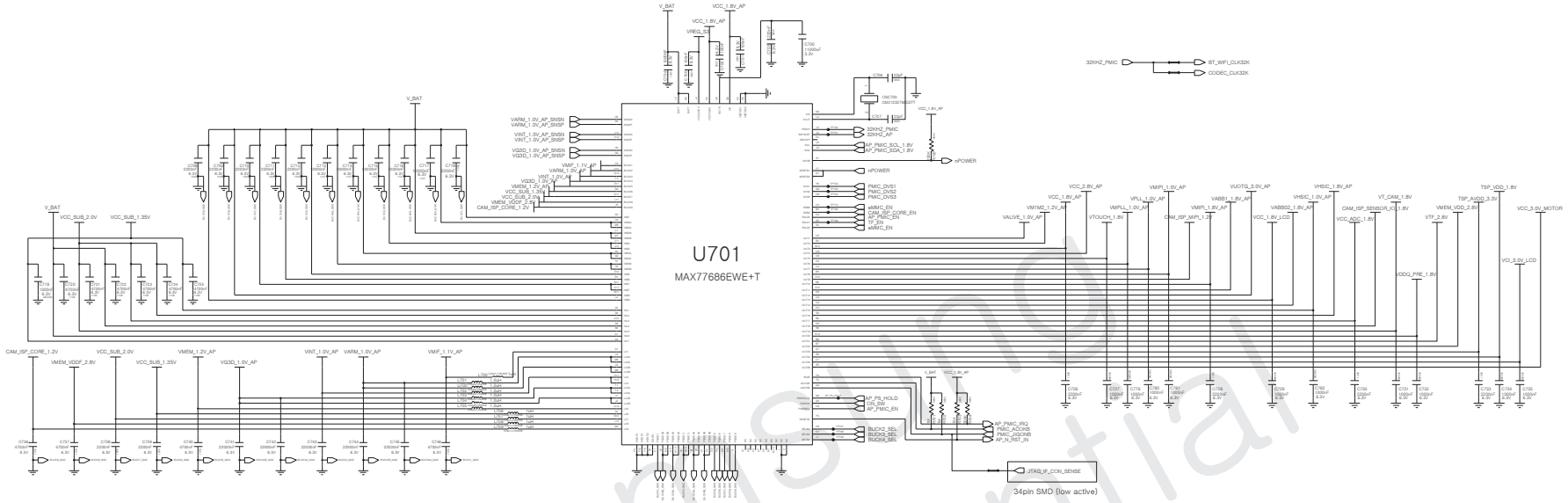
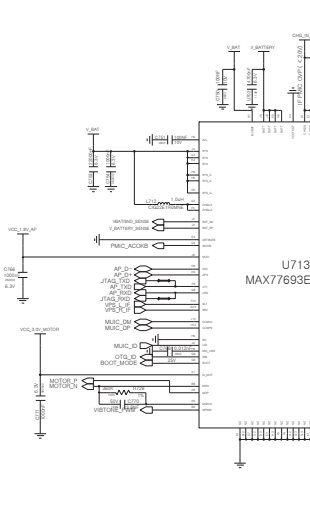
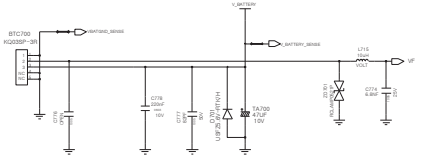
PMIC PART

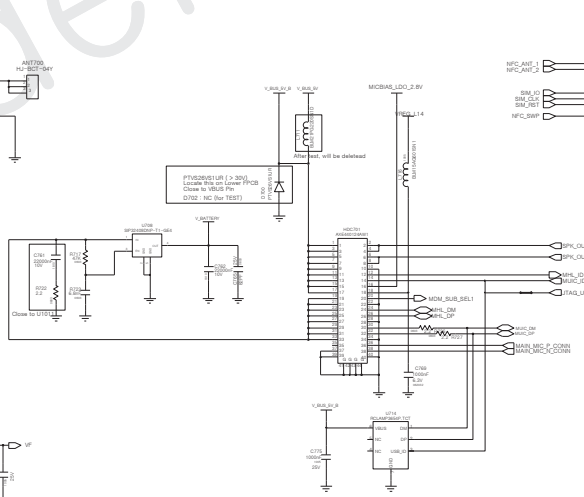




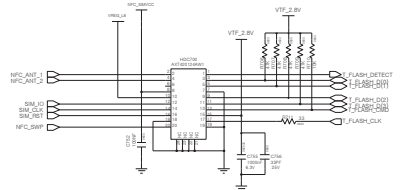
IF PMIC



Battery Connector

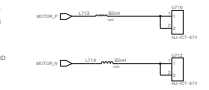


SUB FPCB IF CONN.
(11PIN USB / Main ANT / SPK)



SIM / SD CARD

Located on FPCB : Decaps, ESD Protector, Termination-R



MOTOR PAD

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Engineer	AP PMIC
TITLE	T0_ATT/TMO

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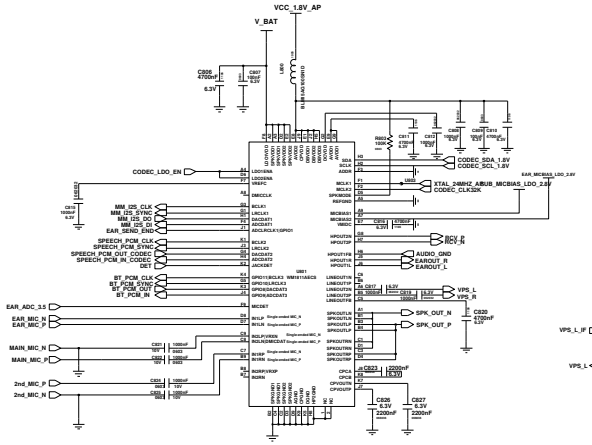
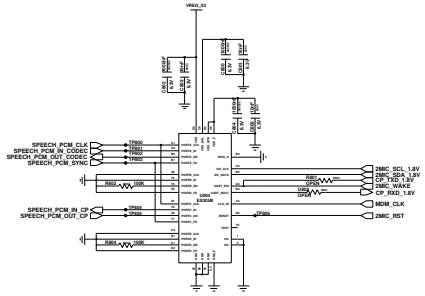
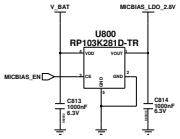
Audio PART



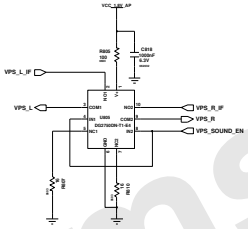
AUDIO CODEC



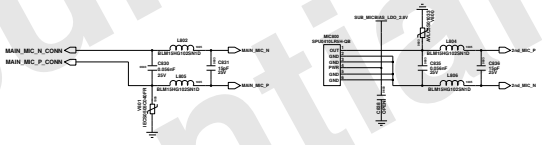
2MIC



MIC BIAS LDO

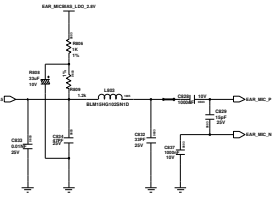


Audio Switch

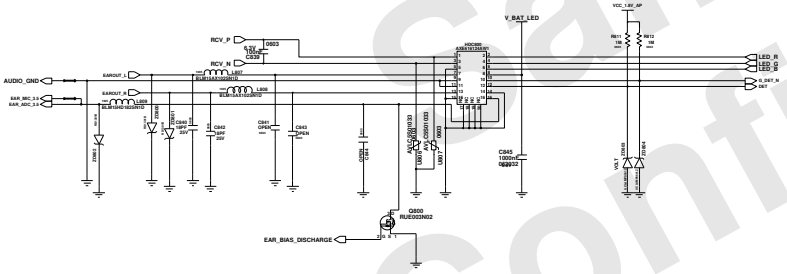


Main MIC

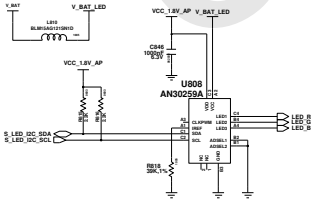
2nd MIC



Ear MIC

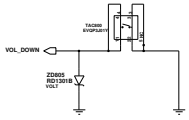


E/J + SVC LED

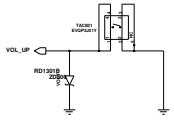


SERVICE LED Driver

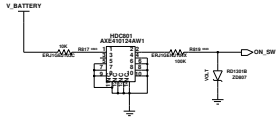
Volume / PWR Key



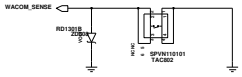
VOL_DOWN



VOL_UP



POWER_ON



WACOM_SENSE

Engineer	AUDIO
Issued by	
R&D CHK	TITLE: T0_ATT/TMO
DOC CTRL CHK	
MFG ENGR CHK	
QA CHK	Drawing Number

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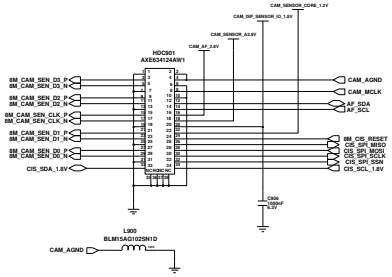
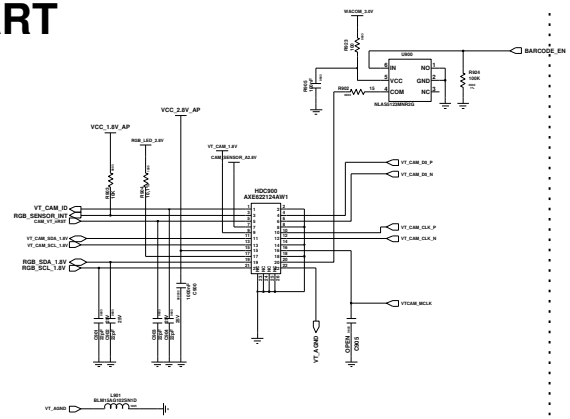
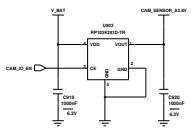
CAMERA PART



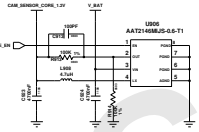
8M_Camera Connector (MIPI)



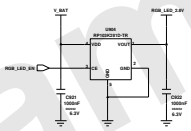
1.9M_Camera + RGB SENSOR Connector



Camera LDO

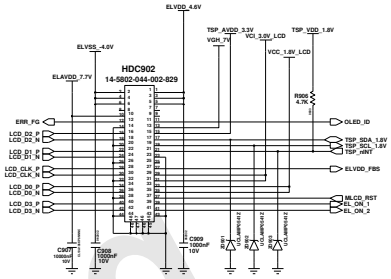


Camera DCDC

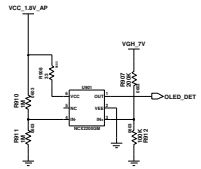


RGB Sensor LDO

DISPLAY PART



HD OCTA CON



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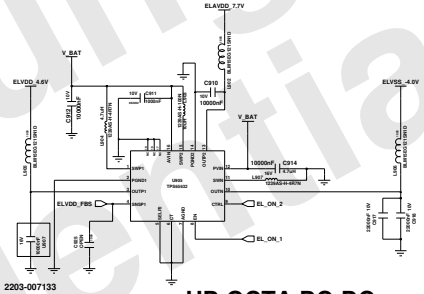
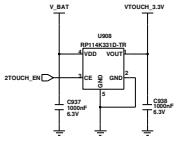
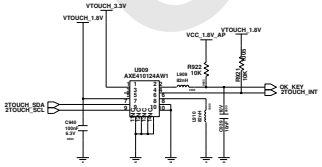


2203-007133

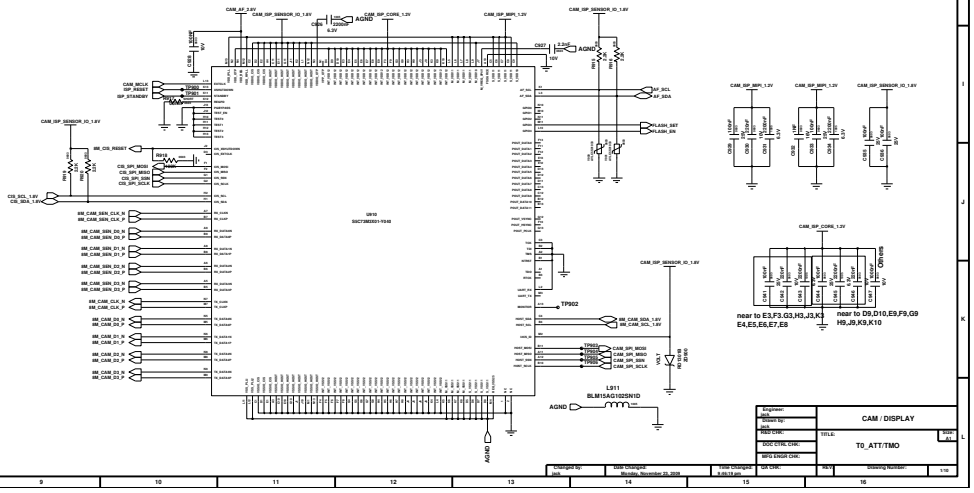
HD OCTA DC-DC

2TOUCH KEY





CAMERA ISP



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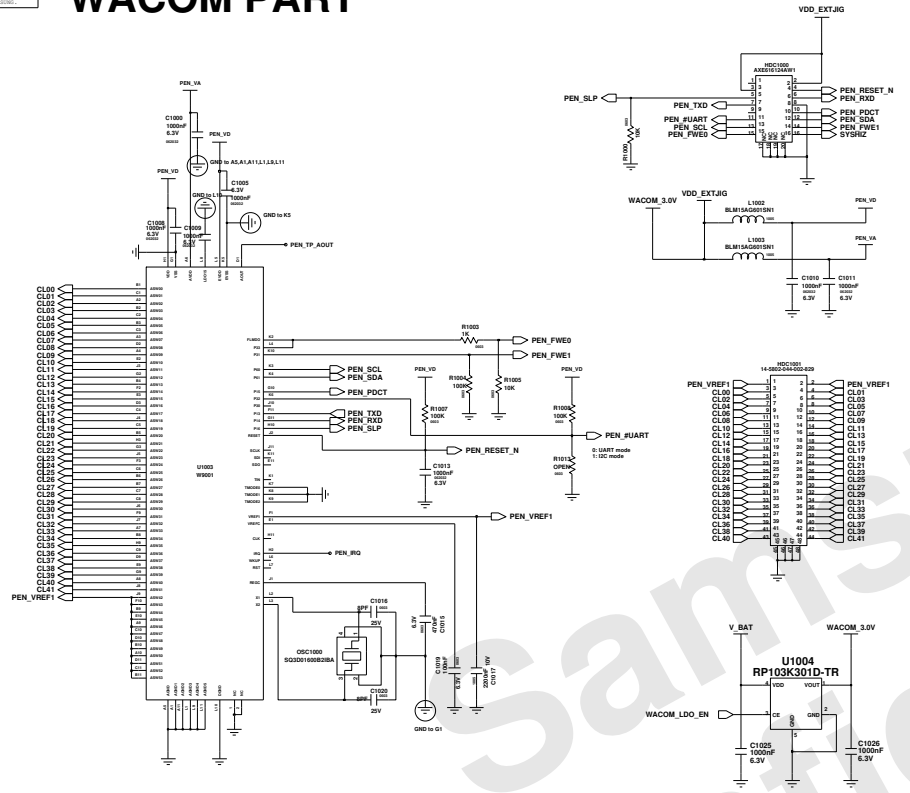
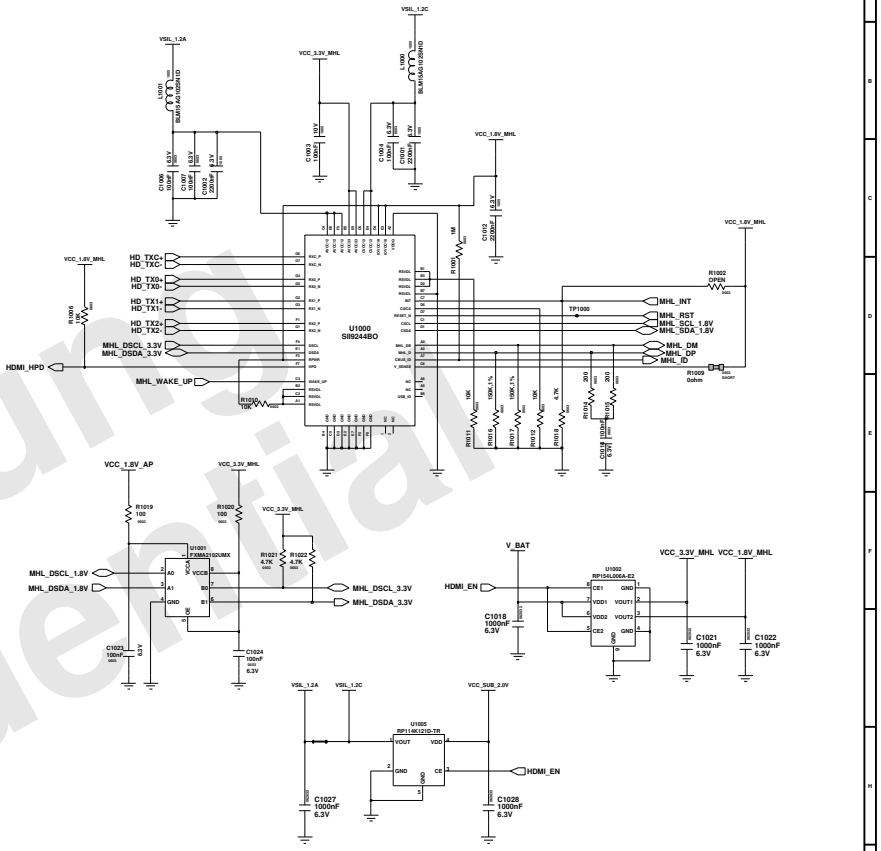
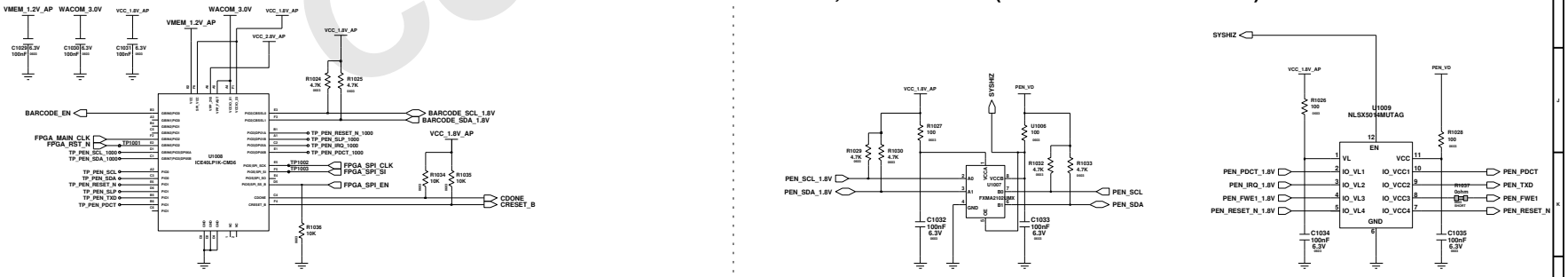
WACOM PART



MHL PART



After test, will be deleted (use internal LSH in FPGA)



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Changed by: Date Changed: Time Changed:

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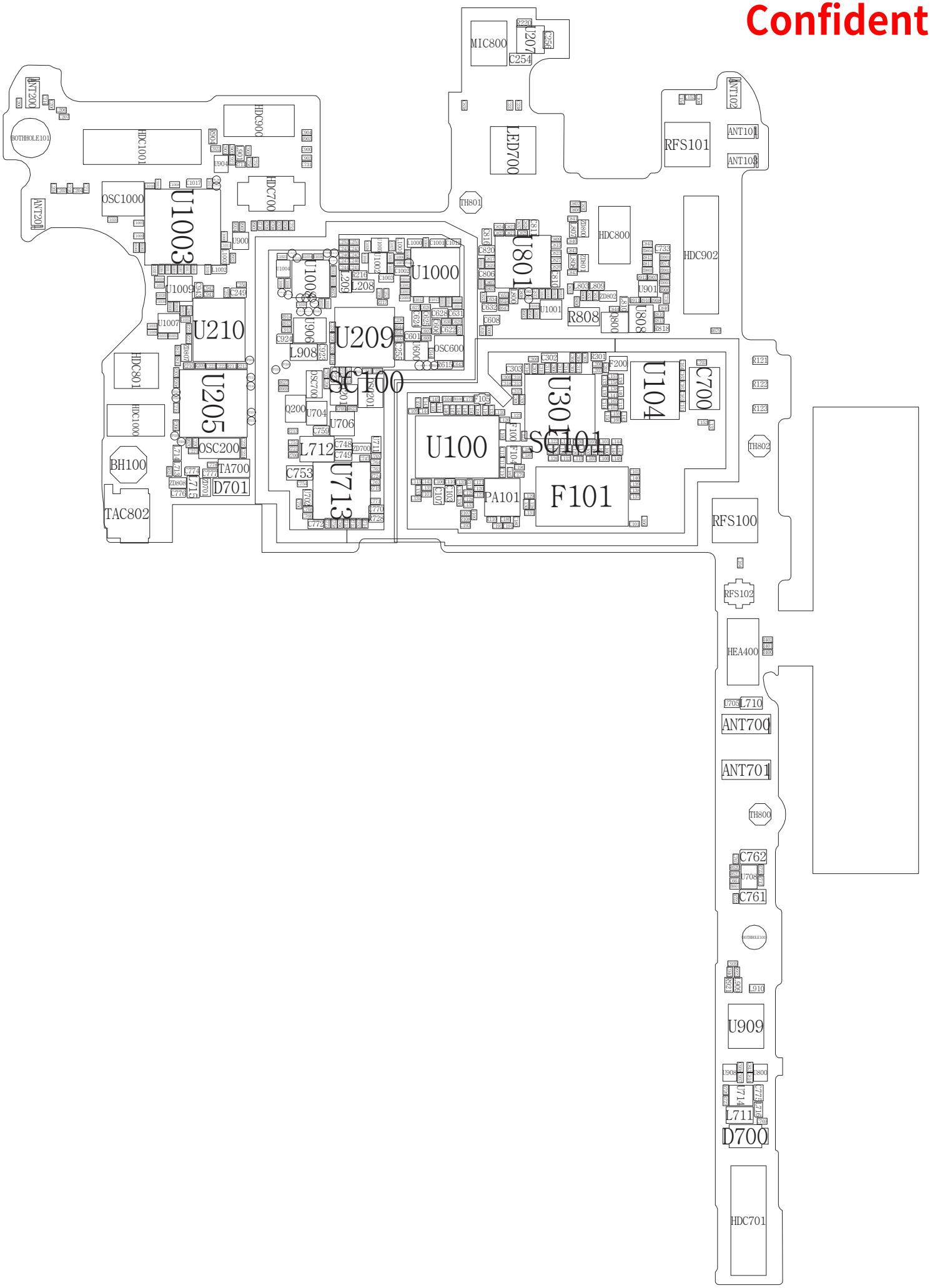
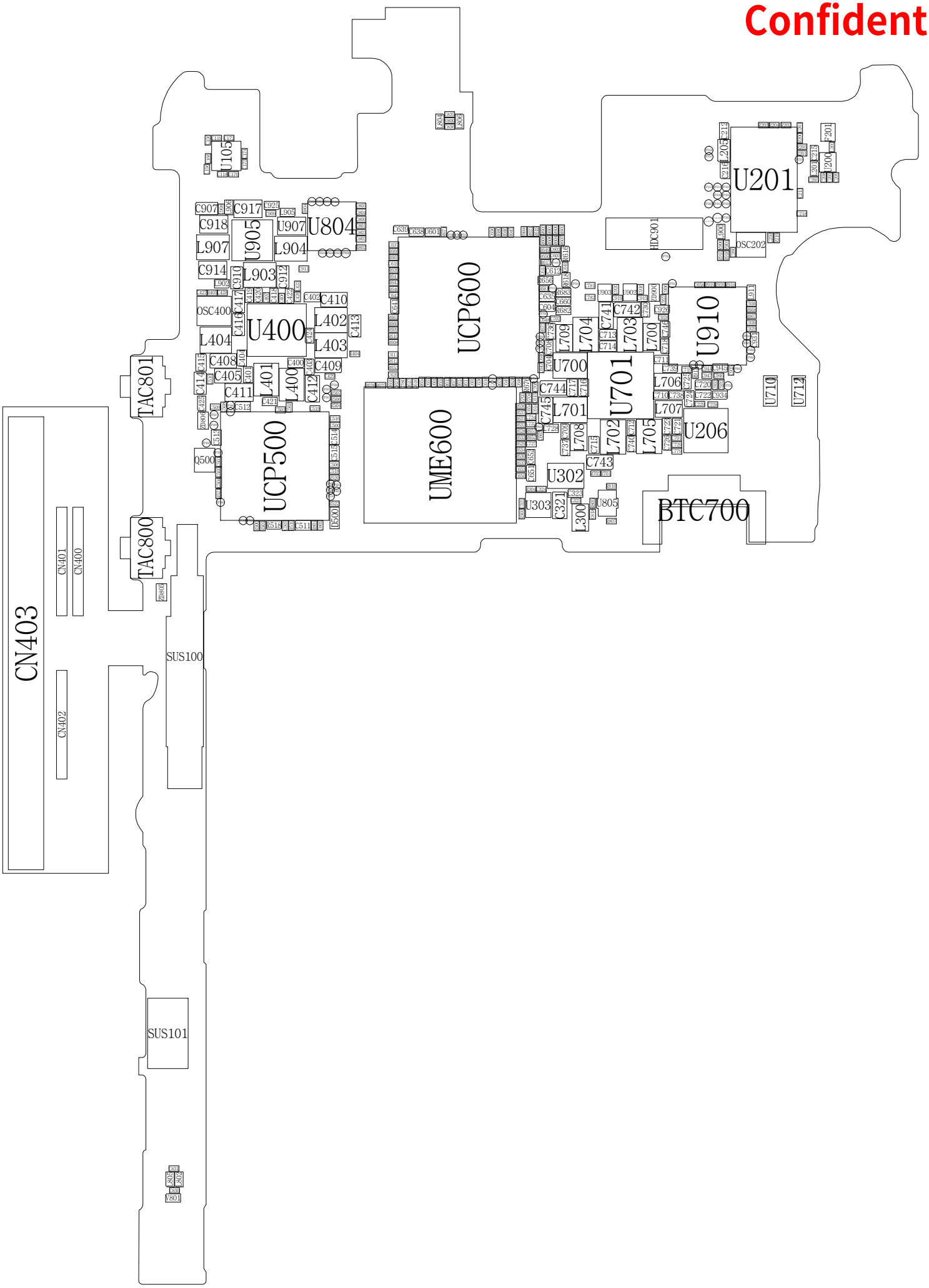
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