SAMSUNG CONFIDENTIAL
THIS DOCUMENT CONTAINS CONFIDENTIAL
AND PROPRIETARY INFORMATION OF
SAMSUNG ELECTRONICS CO'S PROPERTY.
DO NOT DISCLOSE TO OR DUPLICATE FOR OTHERS
EXCEPT AS AUTHORIZED BY SAMSUNG.

# A800J_REV0.2

**2015.10.03**

**sheet01 : GSM / WCDMA / LTE RF**

**sheet02 : TRANSCEIVER(SHNNON933) / CP(SHANNON333) / CP PMIC**

**sheet03 : BT/WIFI / GPS / FELICA / Full Seg**

**sheet04 : AP (EXYNOS5433 - HELSINKI PRIME)**

**sheet05 : PMIC / IF PMIC / Audio Codec / Audio AMP / E/P / BATTERY CON**

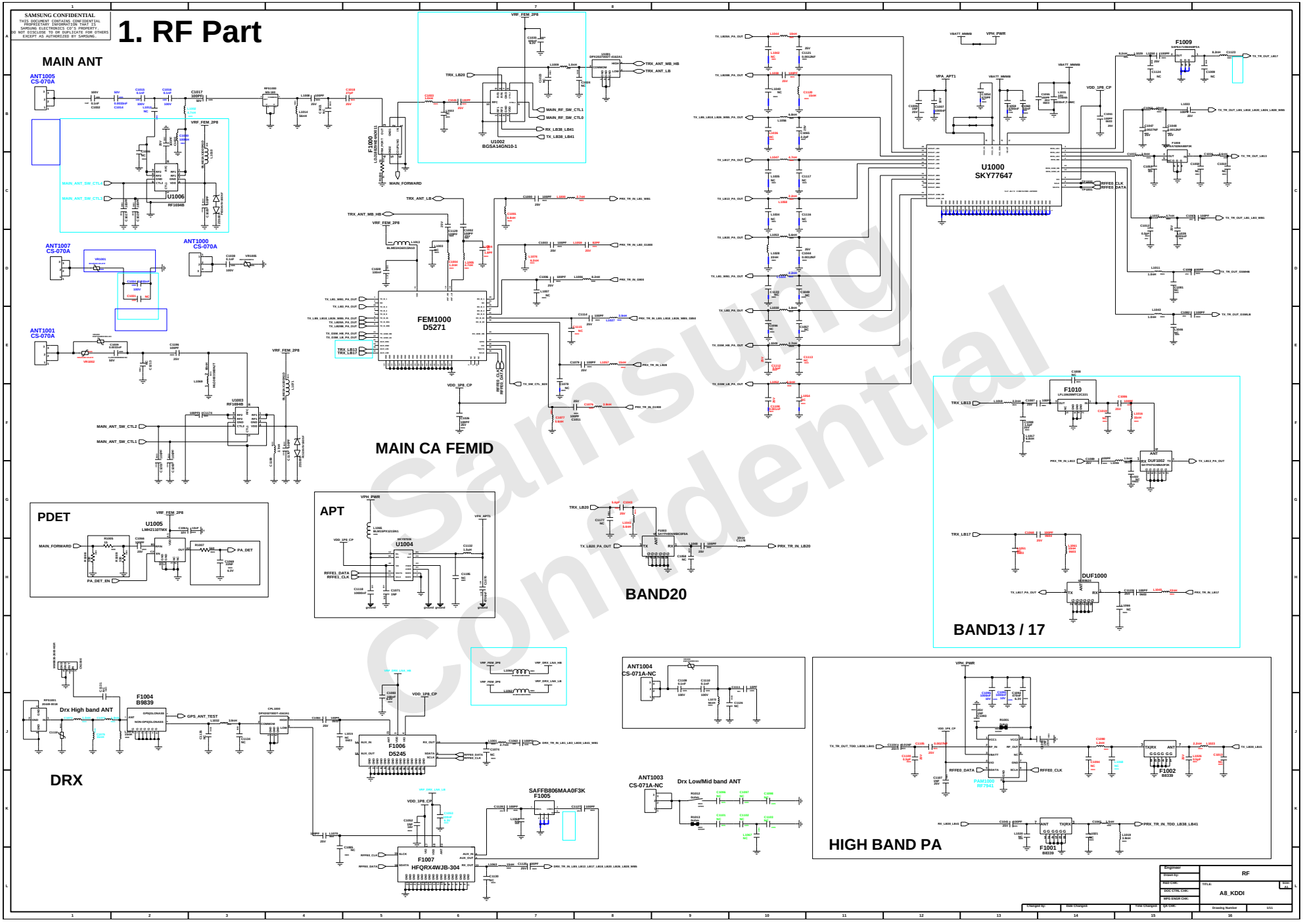
**sheet06 : SIM / SD / BTP / SENSOR / OCTA / CAM / UPPER SUB**

Samsung Confidential

Engineer:
Design Sp:
R&D CHK:
DOC CTRL CHK:
MFG ENGR CHK:
QA CHK:
TITLE: A8
SIZE: A1
REV:
Drawing Number:
Page:
Changed by: (yyyy/m/d)
Date Changed:
Time Changed:

SAMSUNG CONFIDENTIAL
THIS DOCUMENT CONTAINS CONFIDENTIAL
AND PROPRIETARY INFORMATION OF
SAMSUNG ELECTRONICS CO'S PROPERTY.
DO NOT DISCLOSE TO OR DUPLICATE FOR OTHERS
EXCEPT AS AUTHORIZED BY SAMSUNG.

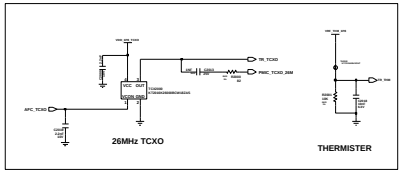
# 1. RF Part

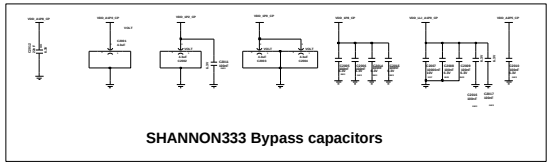



Samsung Confidential

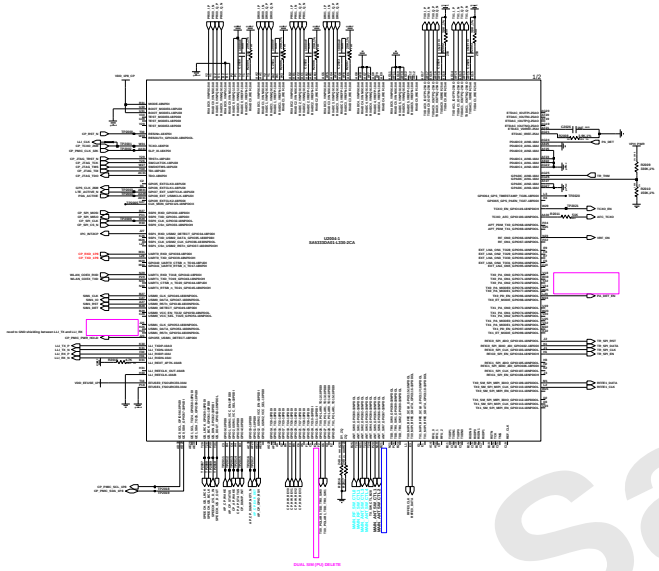
| Engineer | RF |
|---|---|
| Issued by | |
| RED CHK | |
| DOC CTRL CHK | |
| MFG ENGR CHK | |
| QA CHK | |
| TITLE: | A8_KDDI |
| Drawing Number | 1/11 |

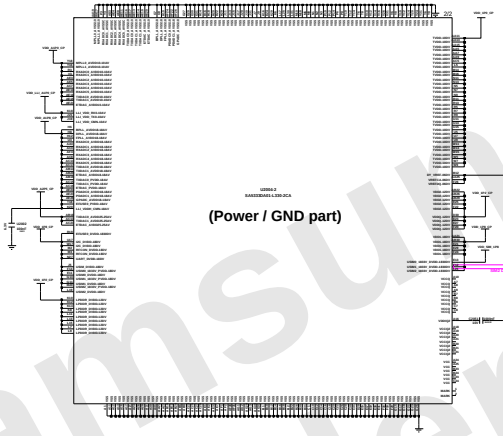
SAMSUNG CONFIDENTIAL
THIS DOCUMENT CONTAINS SAMSUNG ELECTRONICS PROPRIETARY INFORMATION THAT IS SAMSUNG ELECTRONICS'S PROPERTY. DISCLOSURE TO THIRD PARTIES OR ANY USE WITHOUT SUCH SUCH AUTHORIZED BY SAMSUNG.



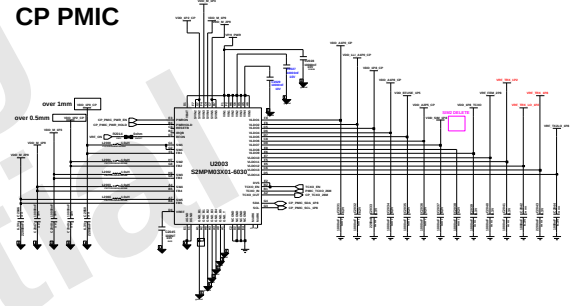




## CP PART (S333)

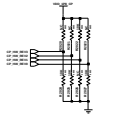





## CP PMIC

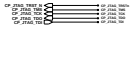


## CP HW VER

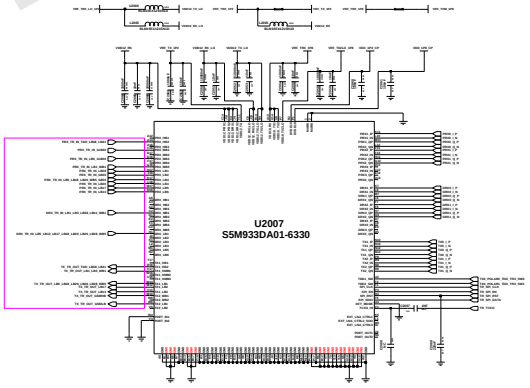


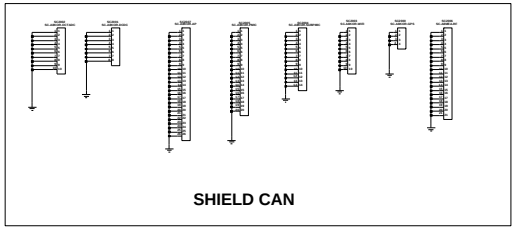
| | | |
|---|---|---|
| REV00 | 0000 | |
| REV01 | 0001 | |
| REV02 | 0010 | |

## CP JTAG



## TRANSCEIVER



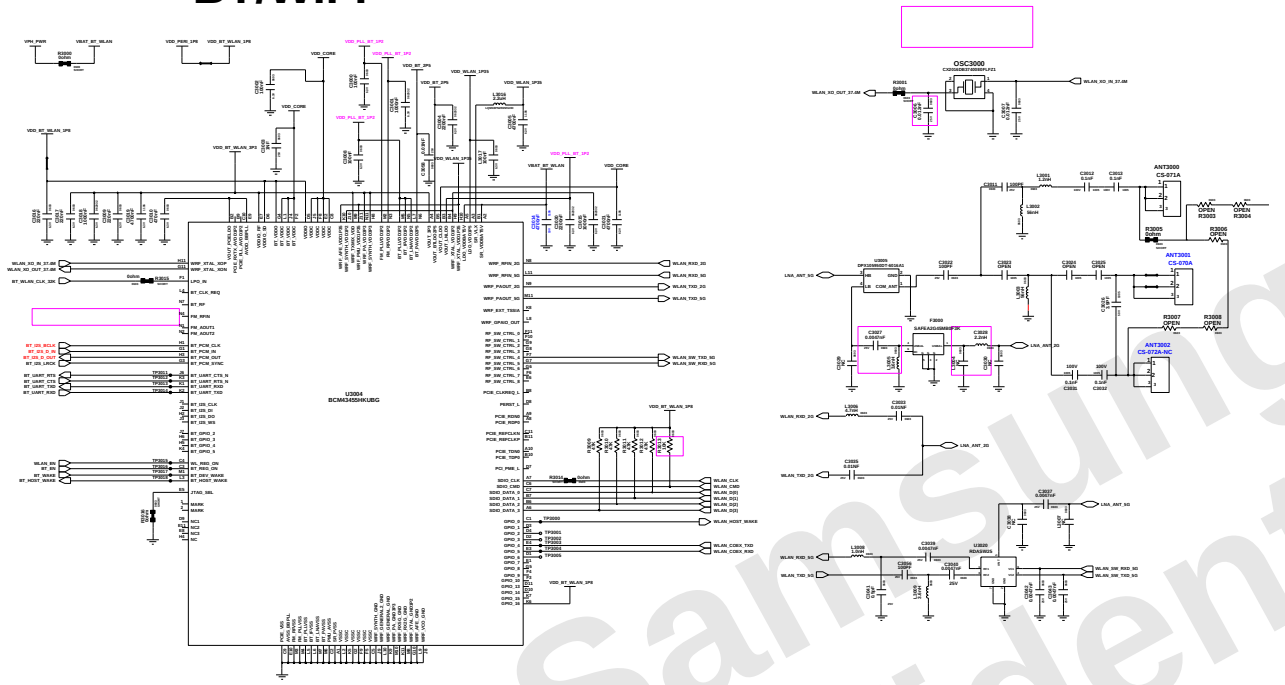
## SHIELD CAN

Samsung Confidential

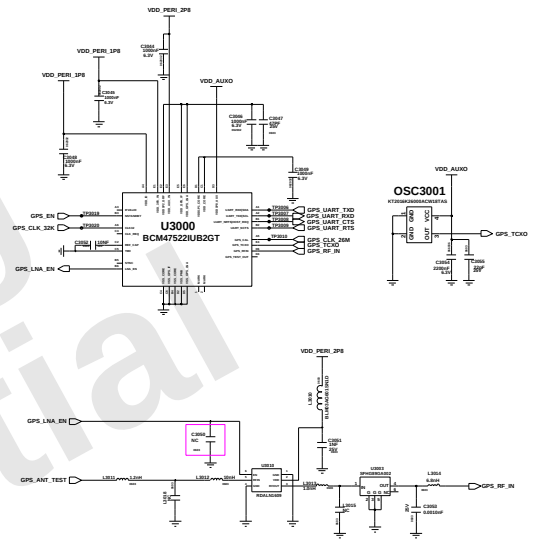
| | |
|---|---|
| Project Name | CP / CP PMIC |
| A8_KDDI | |

SAMSUNG CONFIDENTIAL
THIS DOCUMENT CONTAINS CONFIDENTIAL
AND PROPRIETARY INFORMATION OF
SAMSUNG ELECTRONICS CO'S PROPERTY.
DO NOT DISCLOSE TO OR DUPLICATE FOR OTHERS
EXCEPT AS AUTHORIZED BY SAMSUNG.

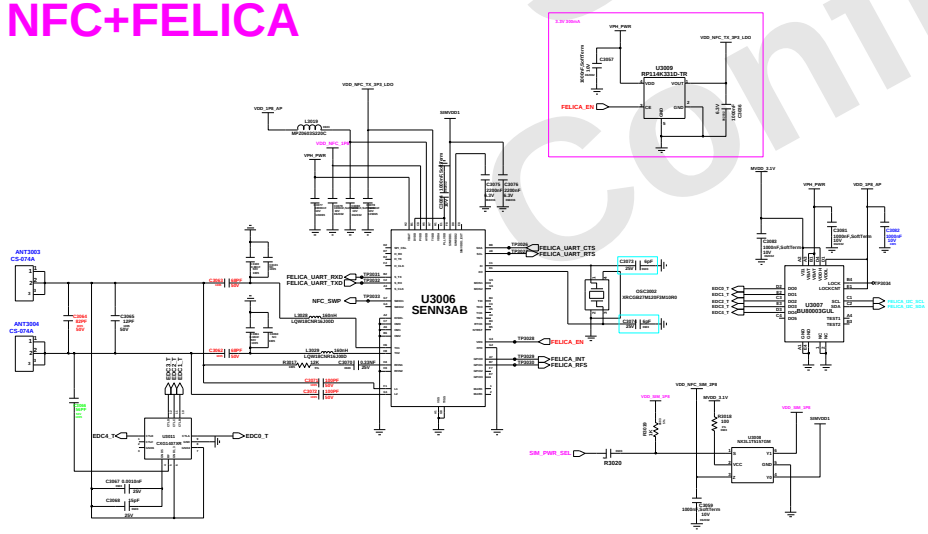
# BT/WIFI



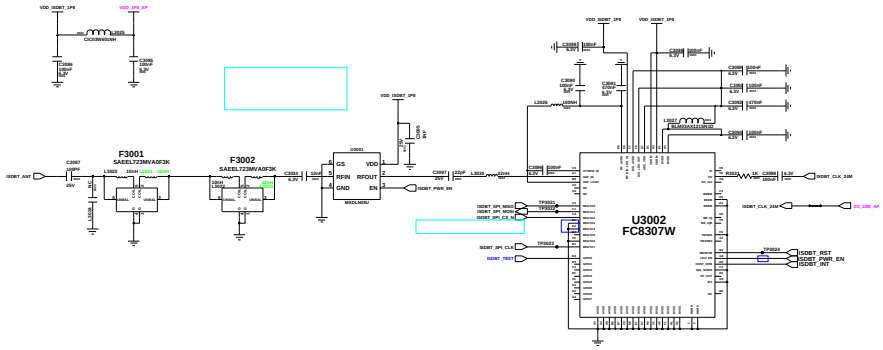

# GPS / GNSS




# NFC+FELICA




# ISDBT



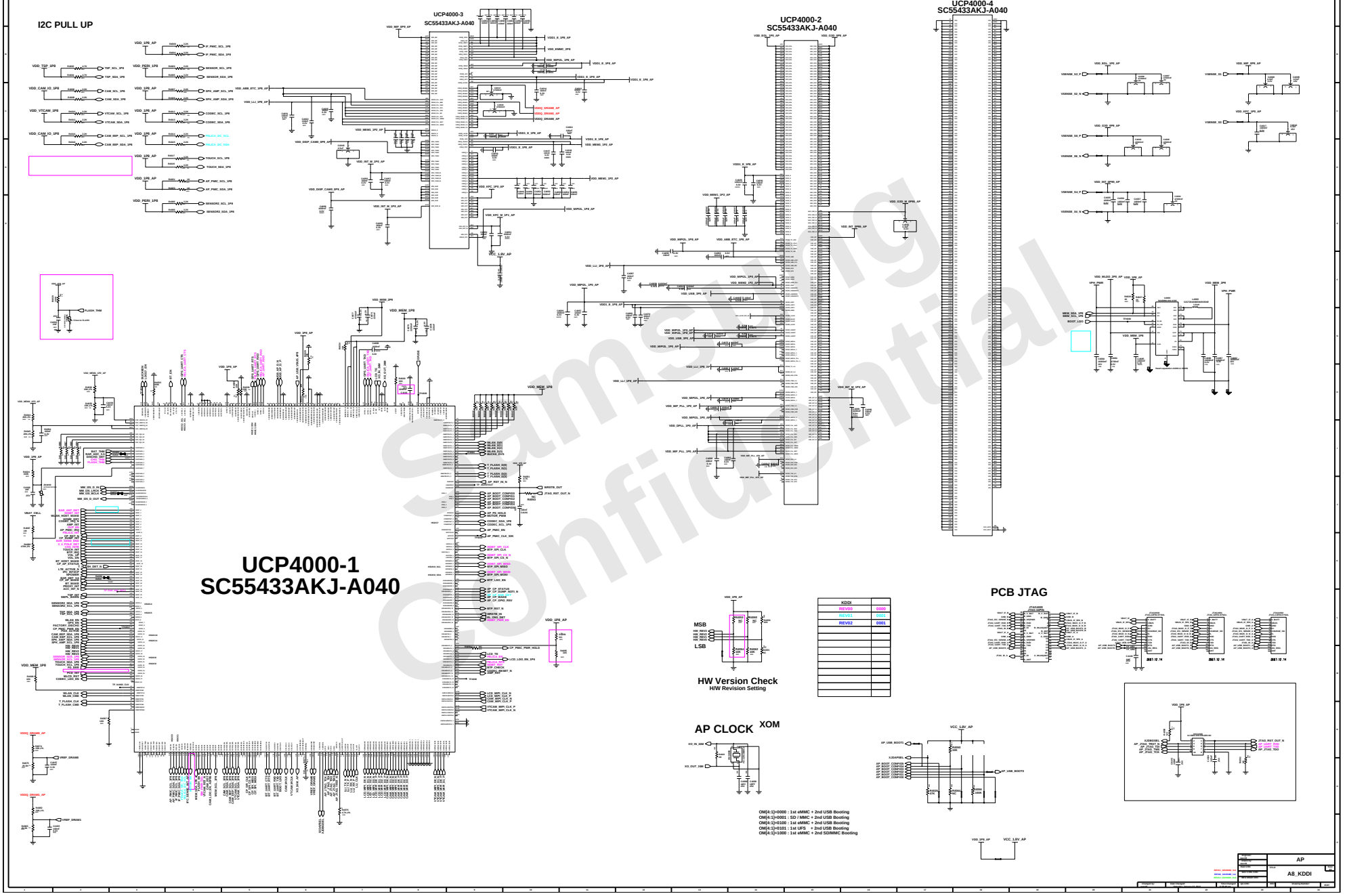

| | |
|---|---|
| Engineer | CONNECTIVITY |
| SSOOT No | |
| RED CHK | TITLE: A8_KDDI |
| DOC CTRL CHK | |
| MFG ENGR CHK | |
| QA CHK | Drawing Number / JIN |

Changed By / Date Changed / Total Changed

Samsung Confidential

SAMSUNG CONFIDENTIAL
THIS DOCUMENT CONTAINS SAMSUNG ELECTRONICS PROPRIETARY INFORMATION THAT IS SAMSUNG ELECTRONICS CO'S PROPERTY. DISCLOSURE TO THIRD PARTIES OR ANY USE WITHOUT SUCH RIGHTS IS NOT AUTHORIZED BY SAMSUNG.

# AP : HELSINKI.P EXYNOS5430[POP-LPDDR3]




samsung confidential

SAMSUNG CONFIDENTIAL
THIS DOCUMENT CONTAINS SAMSUNG ELECTRONICS CORPORATION PROPRIETARY INFORMATION THAT IS SAMSUNG ELECTRONICS CO'S PROPERTY. DO NOT DISCLOSE THIS DOCUMENT TO ANY THIRD PARTY WITHOUT SAMSUNG ELECTRONICS CO'S AUTHORIZED BY SAMSUNG.

# POWER

U5009
S2MPS13X02-6230

## AP PMIC

## CAM_FLASH_DCDC

## OVP ( From S5 NEO )

U5003
MAX77843EWV+

## IF PMIC
FAST CHARGING

## HAPTIC DRIVER

## AP/CP UART SWITCH DELETE

# AUDIO

## CODEC

## Audio amp

## Ear MIC

## SPK Connector

## E/P Anti Pop up

## Audio S/W

## VOLUME KEY

## IF SUB PBA CONNECTOR

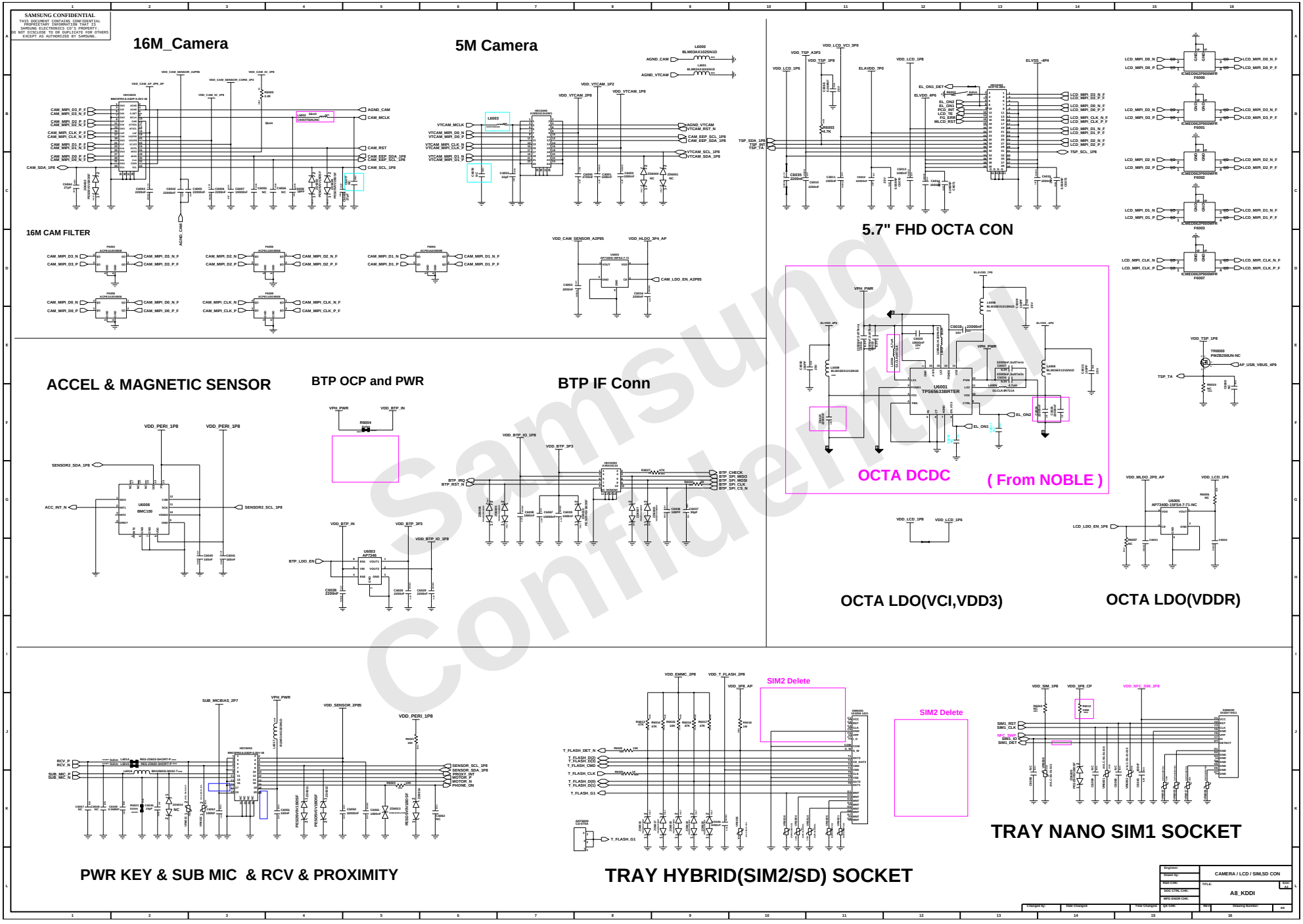
## BATTERY CON

## BAT Discharge IC

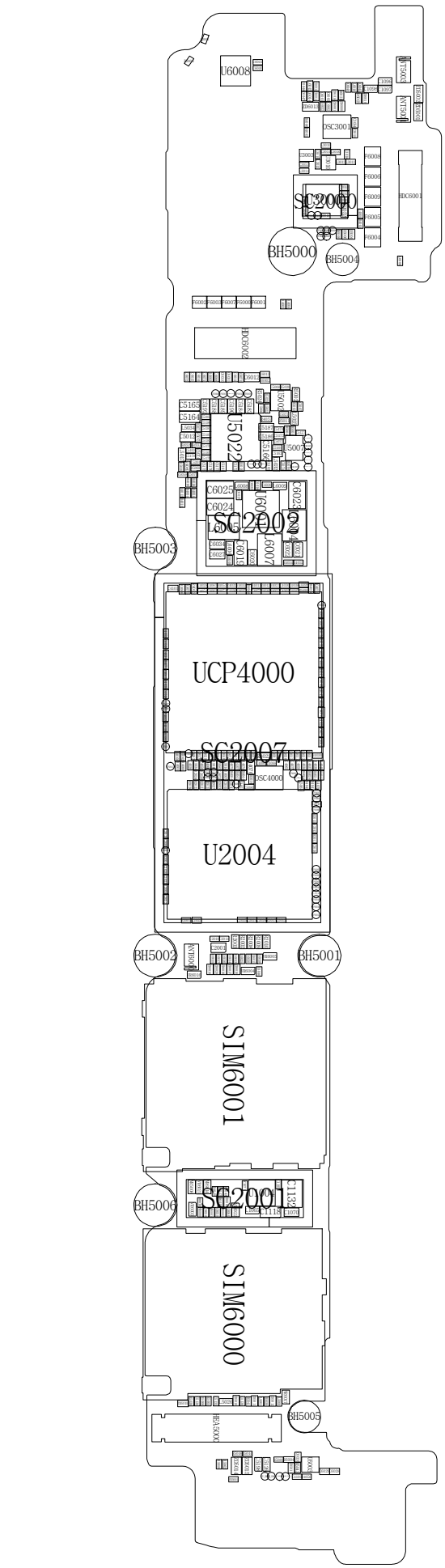
## BOSS HOLE

Samsung Confidential

SAMSUNG CONFIDENTIAL
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF SAMSUNG ELECTRONICS CO'S PROPERTY. DO NOT DISCLOSE TO OR DUPLICATE FOR OTHERS EXCEPT AS AUTHORIZED BY SAMSUNG.




Samsung Confidential




JTAG4000

JTAG4001

JTAG4002

JTAG4003

HDC6004
HDC6000
CN1000
F1003
FPL1000
F1006
RFS1001
LED5000
F1007
SC3200
ANT5003
ANT3000
ANT3001
ANT3002
ANT3003
ANT5000
ANT5001
ANT5002
L5018
U5000
U5012
L5014
L3029
L3028
U3006
BTC5000
HDC4000
C5030
ZD5004
U5017
U5016
U3007
L4000
C4020
C4019
C4034
C4012
C4007
C4013
L5004
L5005
L5013
L5012
SC5000
U5002
L5020
L5007
L5003
L5002
L5008
C5082
C5076
C5075
C5079
L2000
L2002
L2003
L2001
L2004
U2003
ZD5003
U5003
SC2001
L5027
L5023
L5028
L5001
U2007
F1001
PAM1000
SC2006
F1002
F1003
U1000
U3002
RFS1000
F3002
F3001
HDC6003
U1002
U1003
ANT1007
ANT1006
ANT1001