



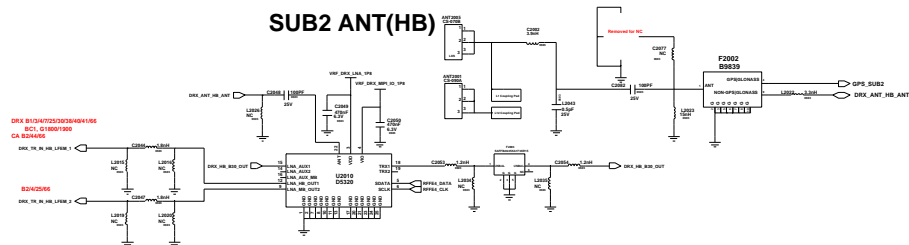
SM-G955U_MAIN_REV0.6

170223 Open -> NC, DRx RF conn. removed
170227 ZD7003 removed
170304 C4046 100nF -> 10nF, ZD7003 NC -> 2431T
170310 PDIC Screen(1003-002911)
170331 MLCC BDV (2203-008876 / 9733 / 7796)

- sheet01 : GSM / WCDMA / LTE RF
- sheet02 : TRANCEIVER, DRX
- sheet03 : BT/WIFI, LTE-U
- sheet04 : SENSORS, NFC, PD/CC IC
- sheet05 : MSM8998(AP)
- sheet06 : MSM8998(POWER,GND)
- sheet07 : POWER(PMIC), IF PMIC, MFC
- sheet08 : AUDIO CODEC, SPK AMP, SUB PCB CONN.
- sheet09 : DISPLAY, COMPANION
- sheet10 : IRIS, MAIN CAMERA, FRONT CAMERA, FPS connector

| | |
|----------------|--|
| Project | |
| Sheet No | |
| Sheet Title | |
| Sheet Date | |
| Sheet Author | |
| Sheet Reviewer | |
| Sheet Date | |
| Sheet Date | |

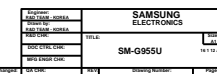
[illegible][illegible]



DRX_HB
(B1/2/4/7/25/30/38/40/41/66, BC1, G1800/1900)

```
user|swcad49|10.253.51.244|20170331-153147
```

LTE-U



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THIRD PARTY WITHOUT THE WRITTEN
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USB Type-C

VCONN_IN 5.2V booster

OVP LS

REV0.3

PD/CC IC

EDP_AUX SW

FM RADIO

SIM & T-FLASH SOCKET (3in2)

NFC

HRM SENSOR

REV0.1 : SENSOR changed to ADI

Barometer Sensor

Magnetic Sensor

6 Axis Sensor

(Gyrometer, Accelerometer)

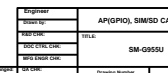
Hall Sensor

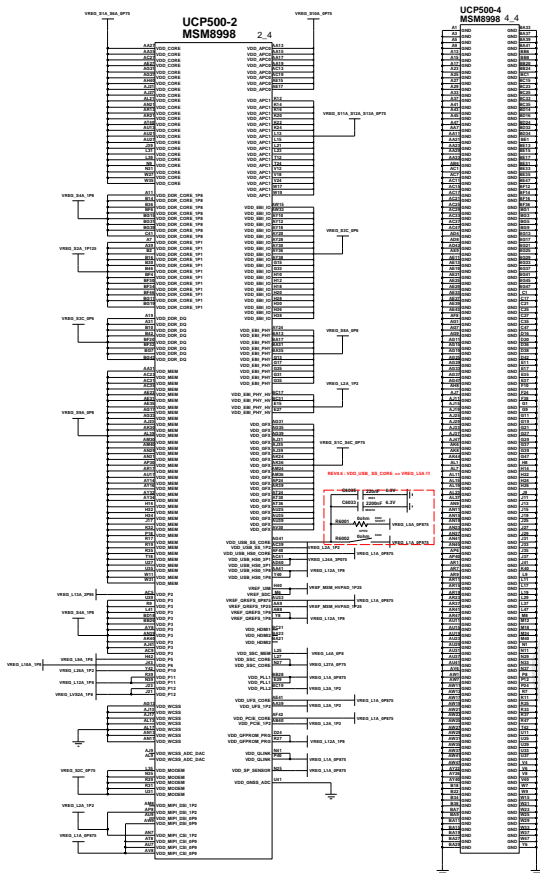
cover_detect Hall_IC

SENSOR FPCB connector

GND_CONTACT

| | | | |
|---------------|----------------------|---------------|-------|
| Engineer: | BT/WIFI, NFC, SENSOR | | |
| Drawn by: | | | |
| Rad CHK: | TITLE: SM-G955U | | |
| DOC CTRL CHK: | Size: | | |
| MFG ENGR CHK: | REV: | | |
| QA CHK: | Drawing Number: | | |
| Changed by: | Date Changed: | Time Changed: | Page: |



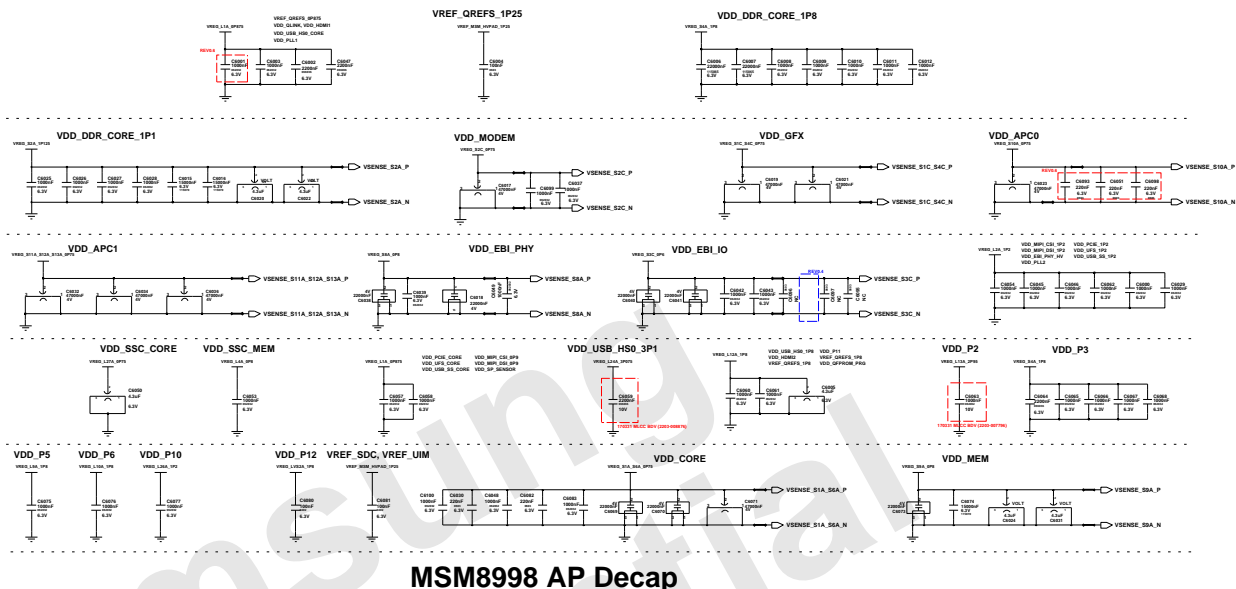
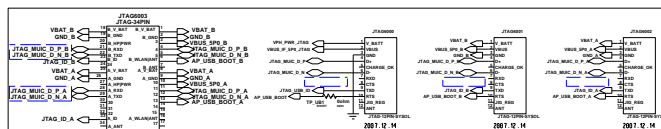


VREG_S4A_1P8

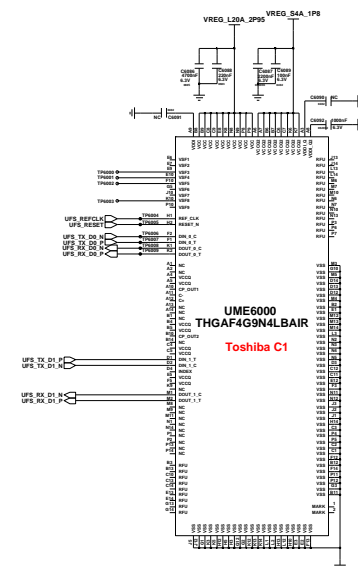
CAUTION: PLACEMENT
Near to TP_AP_USB_BOOT

TP_USB

PCB JTAG

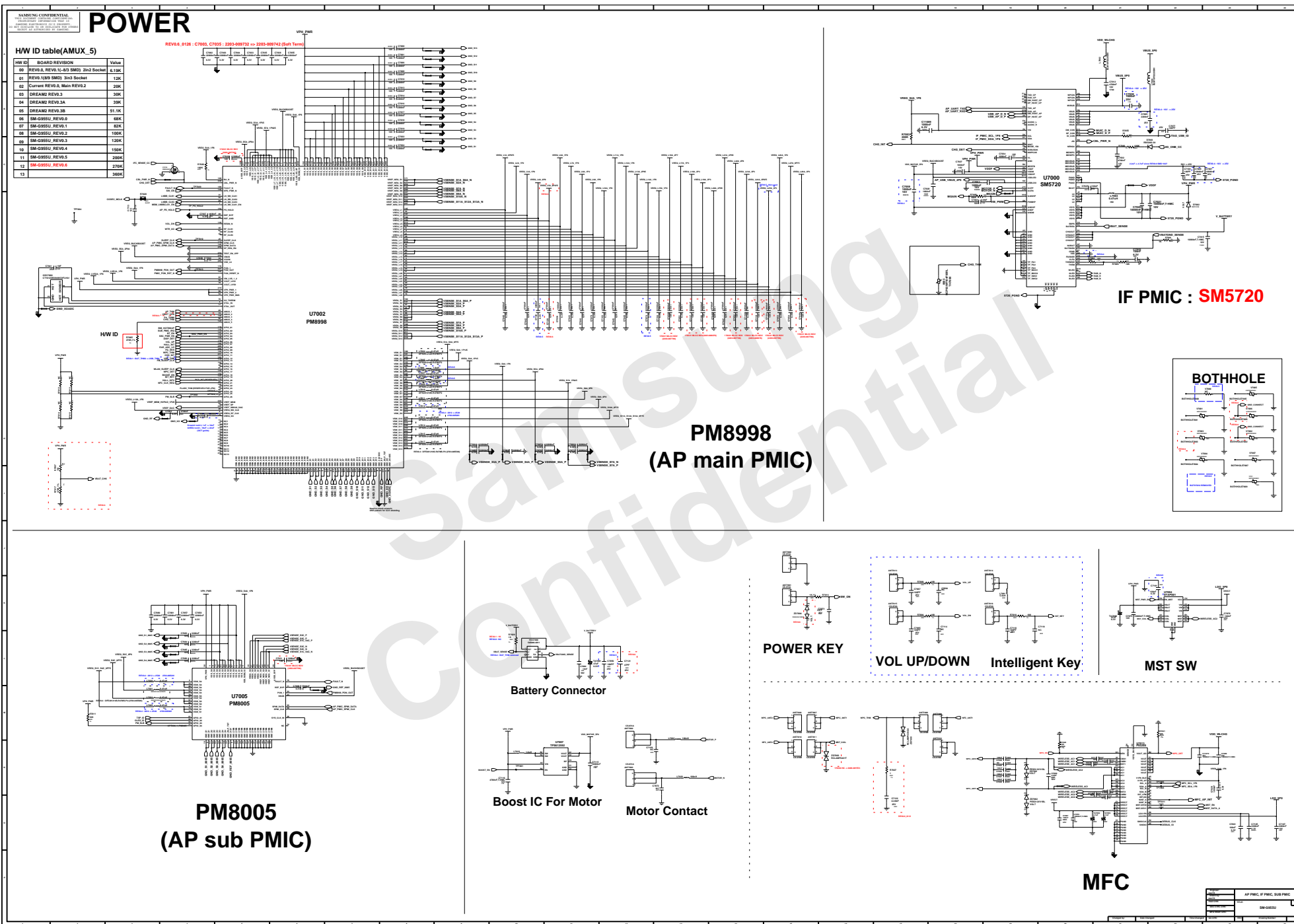


MSM8998 AP Decap

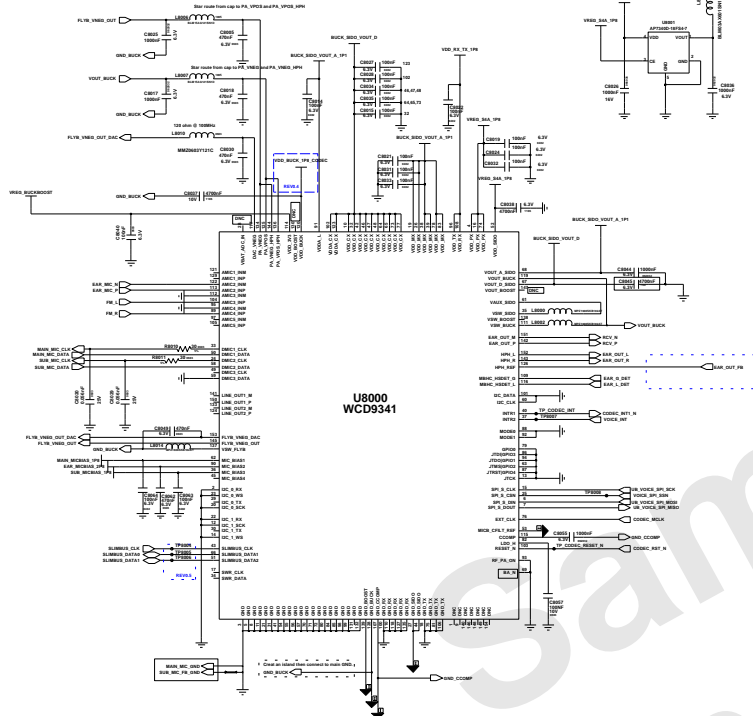


UFS 64GB(SIZE : 11.5 * 13)

| | | |
|---------------------|--------------------|--|
| Engineer: cam118 | MSM8996 PWR / GNDs | TITLE: Rev. A |
| Drawn by: cam118 | | |
| Rev'd by: | | |
| DATE CHG: | | |
| DATE ENG CHG: | SM-Q955U | |
| DATE MFG CHG: | | |

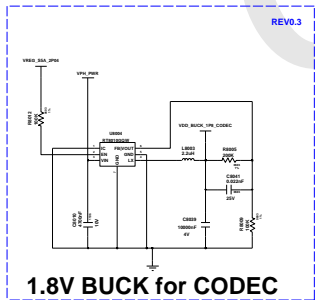


AUDIO PART

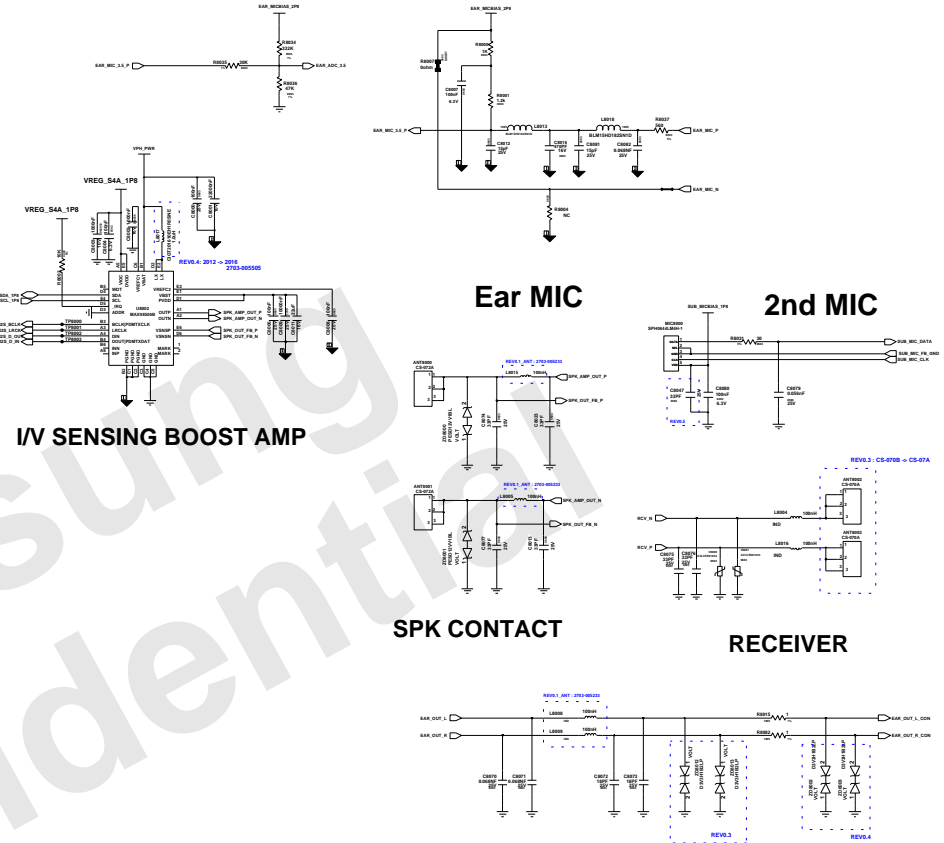
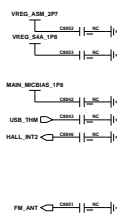


U8000
WCD9341

Audio Codec



EMT TEST



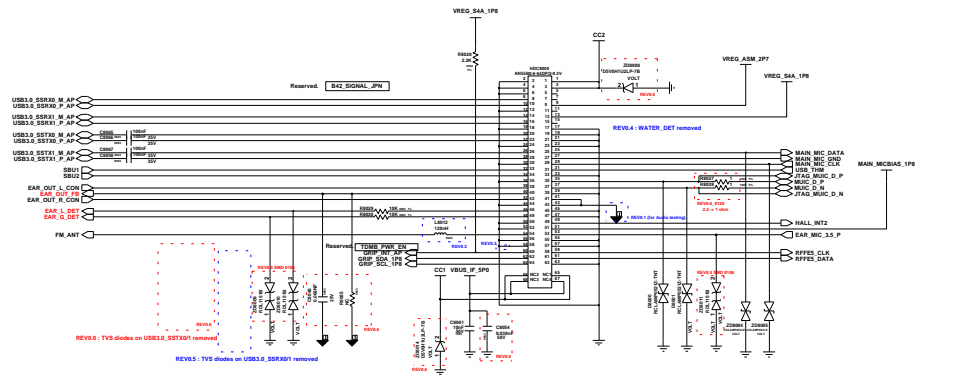
I/V SENSING BOOST AMP

Ear MIC

2nd MIC

SPK CONTACT

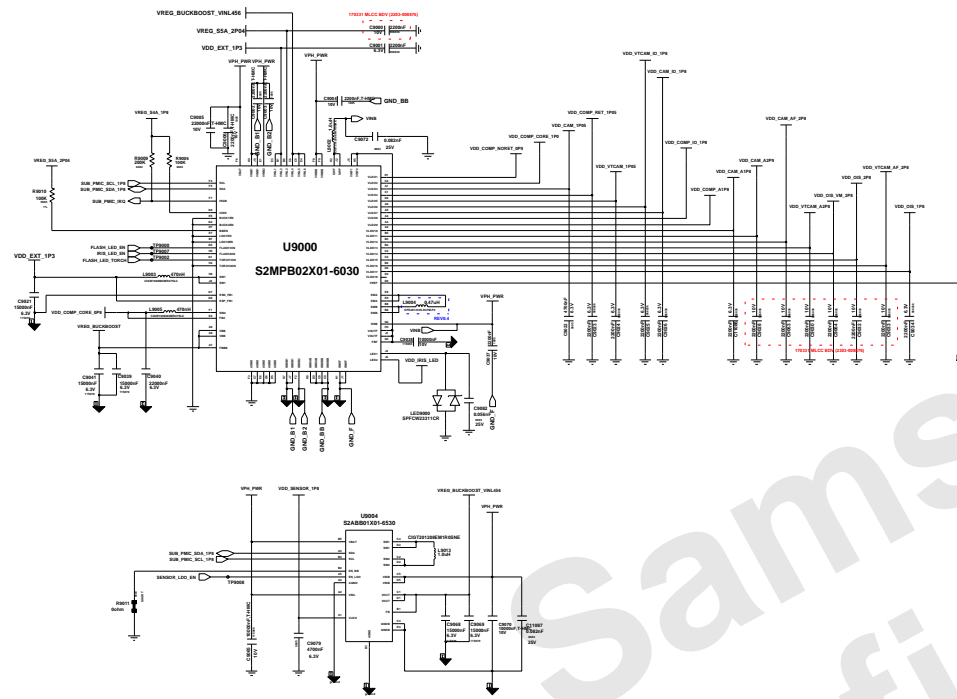
RECEIVER



LOWER SUB PCB CON.

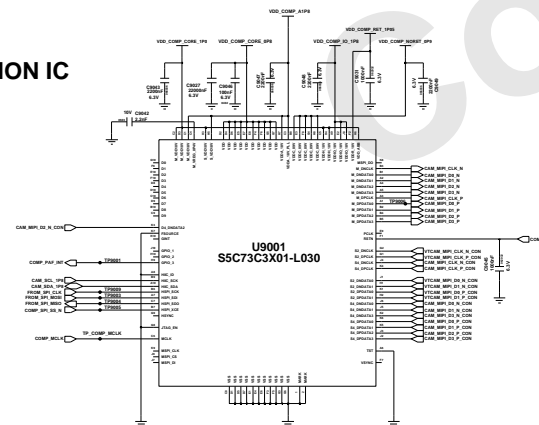
| | |
|----------|------------|
| Part No. | AUDIO |
| Rev. | 1.0 |
| Doc No. | SM-G950U |
| Doc Date | 2013.05.15 |
| Doc Ver. | 1.0 |
| Doc Rev. | 1.0 |

SUB_PMIC(S2MPB02)

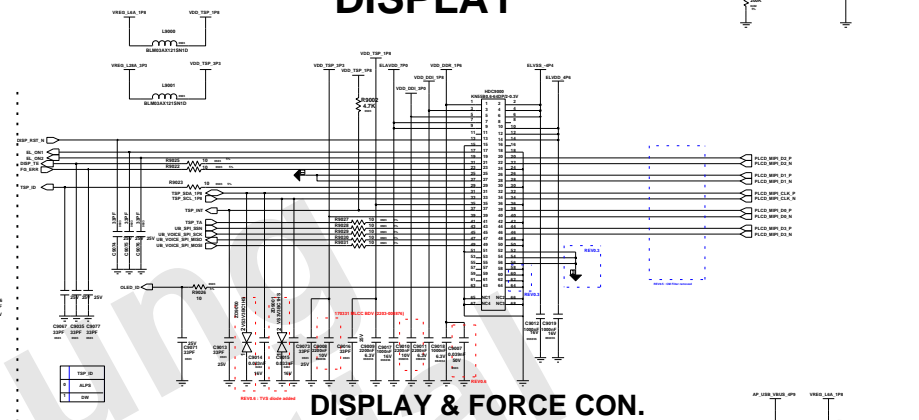


REV0.1 : Using LDO for Sensors External BUCK BOOST

COMPANION IC

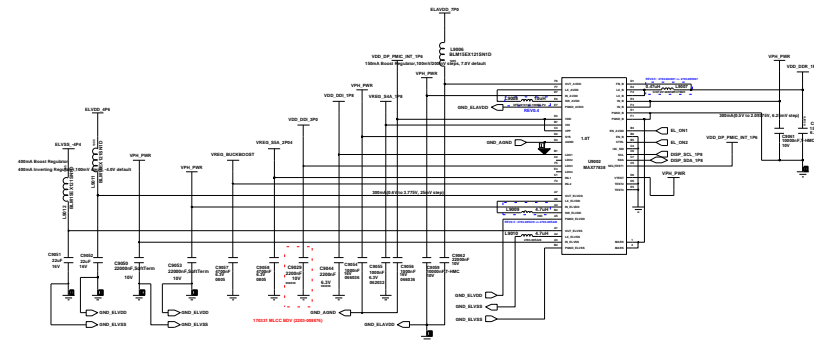


DISPLAY



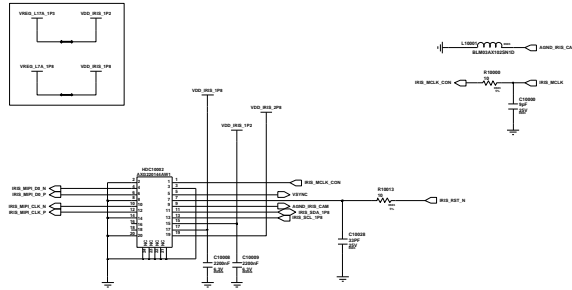
DISPLAY & FORCE CON.

DISPLAY PM IC

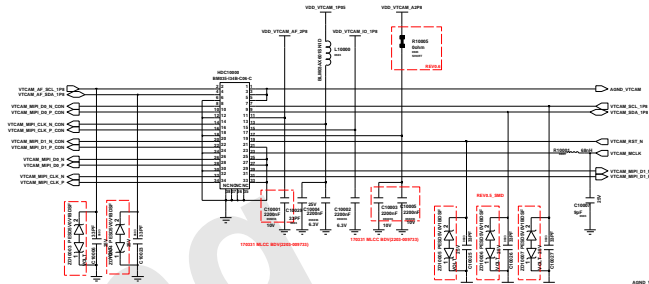


| | |
|-----------|-------------|
| Part No. | SAMSUNG |
| Part Name | ELECTRONICS |
| Rev | 1.0 |
| Doc No. | SM-G955U |
| Doc Date | 14.10.14 |
| Doc Ver | 1.0 |
| Doc Rev | 1.0 |
| Doc Rev | 1.0 |

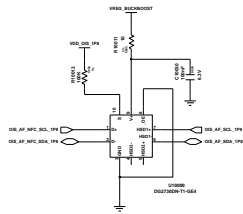
10. VISUAL PART (2/2)



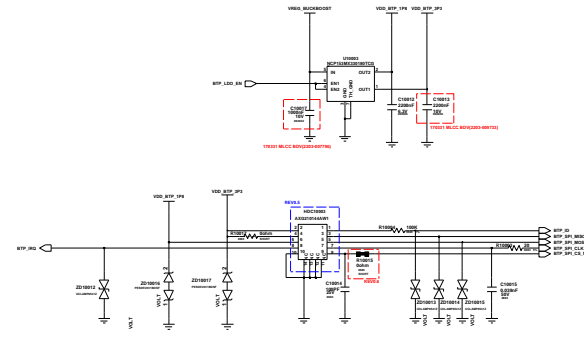
IRIS_CONNECTOR



FRONT_CAMERA_CON.



MAIN_CAMERA_CONNECTOR



Finger Print Sensor connector

