



NOBLE_MAIN_REV0.7A

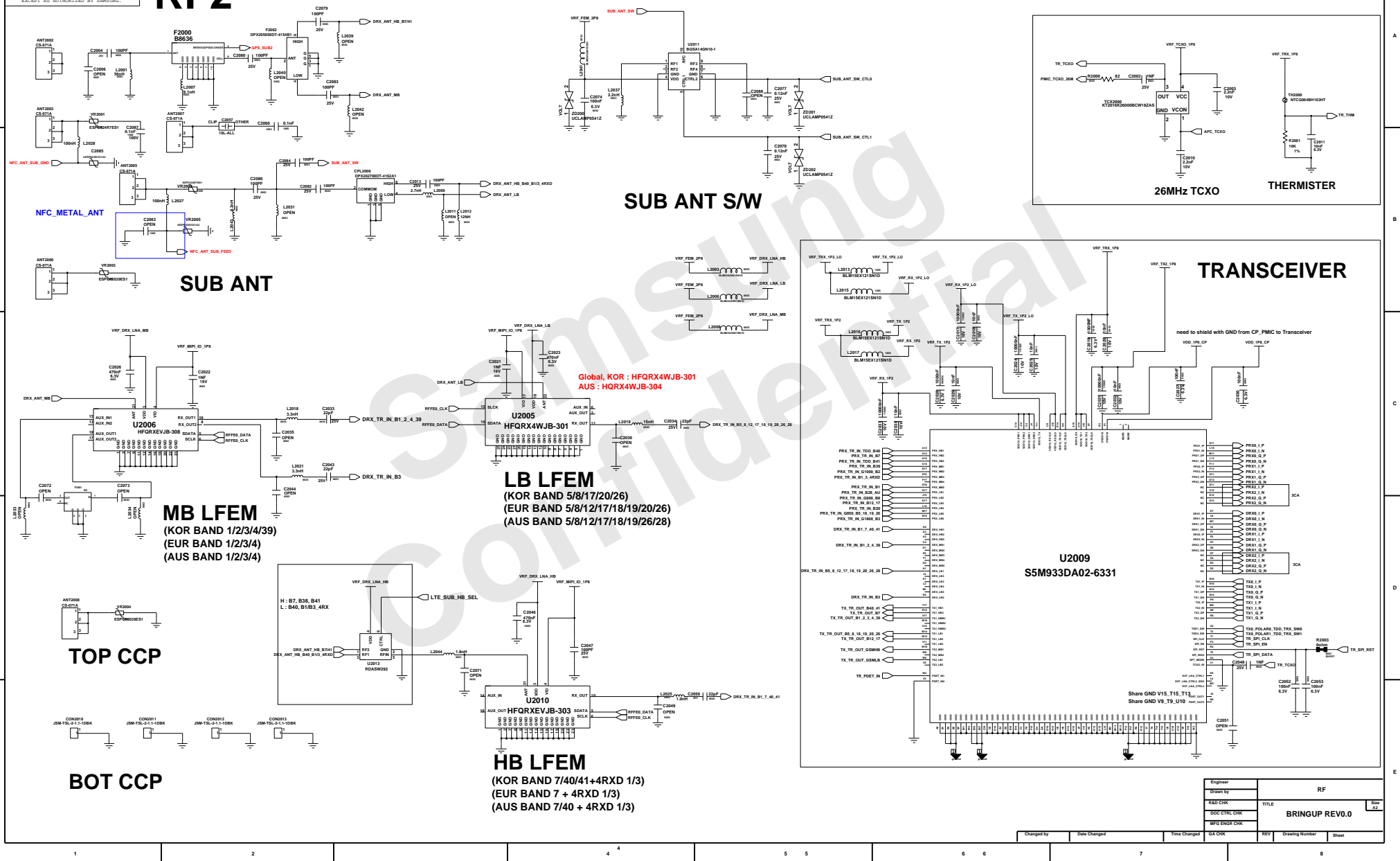
2015.07.02

- sheet01 : GSM / WCDMA / LTE RF
- sheet02 : TRANSCEIVER, DRX
- sheet03 : CP PART, MEMORY
- sheet04 : SENSORS, HUB, GPS, BT/WIFI, NFC
- sheet05 : AP, SIM SOCKET
- sheet06 : AP POWER PART
- sheet07 : AP PMIC, SUB PMIC, IF PMIC, Wireless Charging, MST
- sheet08 : AUDIO, SUB PCB CON.
- sheet09 : CAMERA, DISPLAY, DIGITIZER

| | |
|---------------|----------------|
| Project | |
| Sheet No. | |
| Sheet Date | |
| Sheet Title | BRINGUP_REV0.0 |
| Sheet Author | |
| Sheet Date | |
| Sheet Version | |

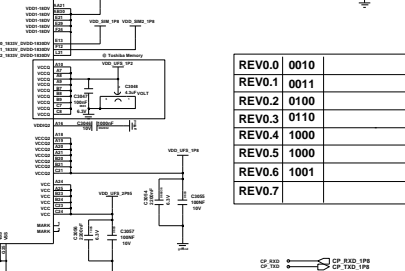
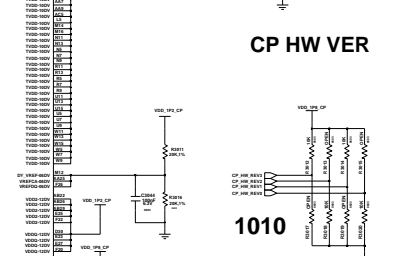
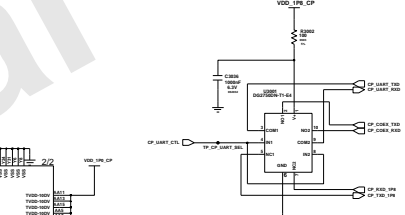
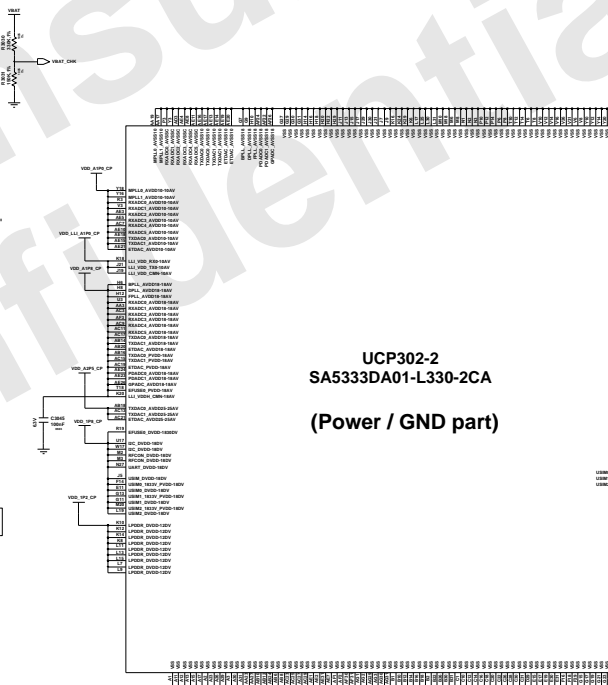
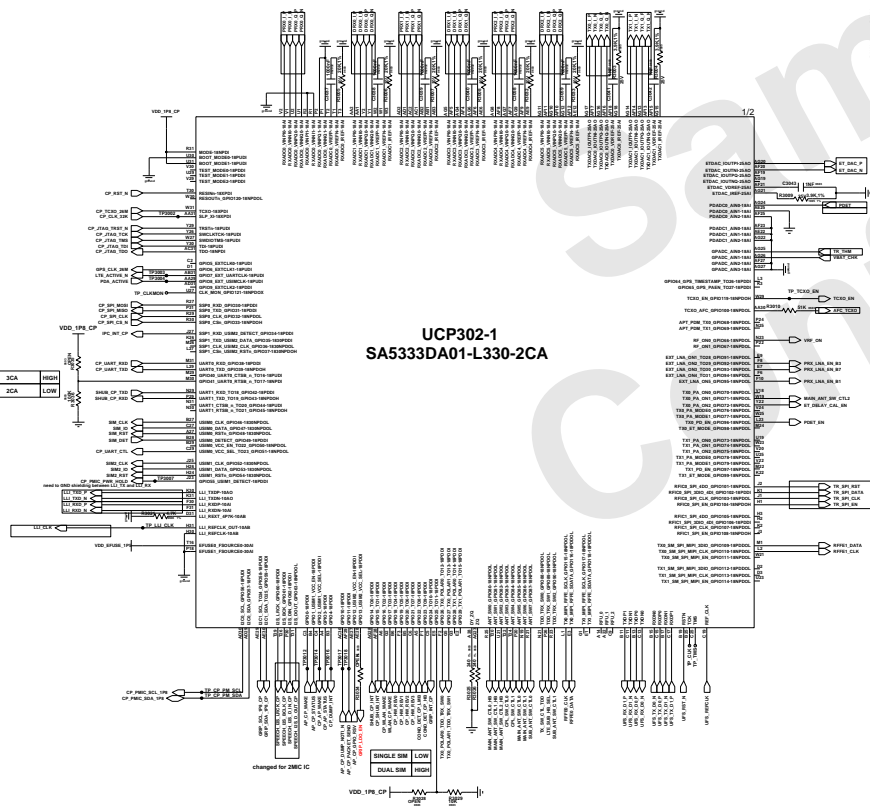
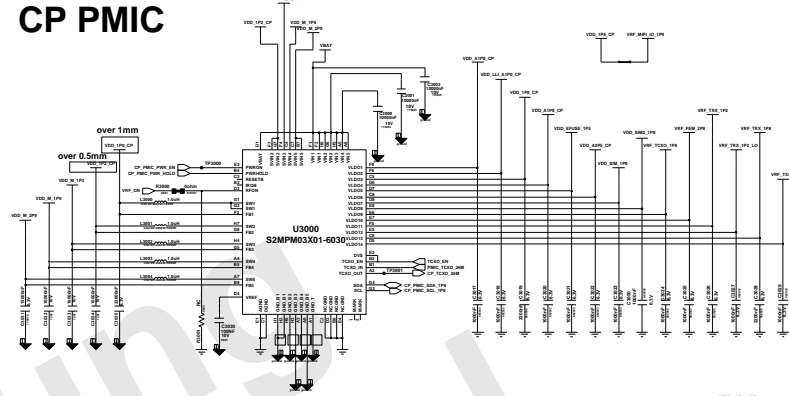
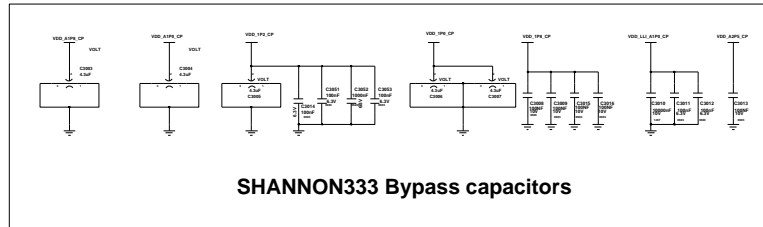
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RF2



CP PART (S333)

CP PMIC

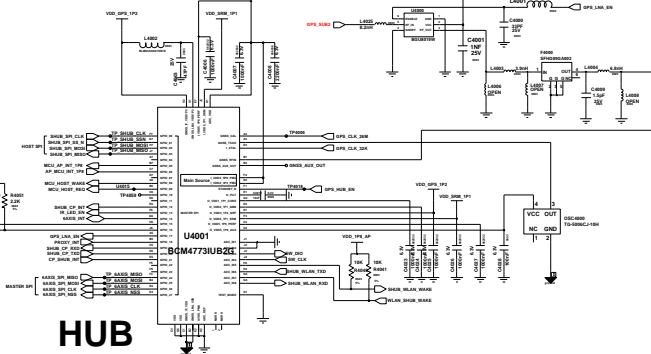
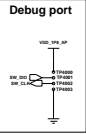


| | |
|--------|------|
| REV0.0 | 0010 |
| REV0.1 | 0011 |
| REV0.2 | 0100 |
| REV0.3 | 0110 |
| REV0.4 | 1000 |
| REV0.5 | 1000 |
| REV0.6 | 1001 |
| REV0.7 | |

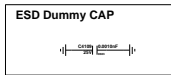
| | |
|-----------|-------------|
| Part No. | CP, CP PMIC |
| Rev. No. | SM-G820F |
| Rev. Date | |
| Rev. No. | |

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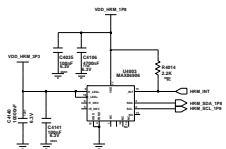
SENSORS



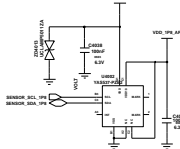
HUB



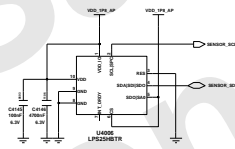
6 Axis Sensor (GYRO,ACCEL)



HRM Sensor

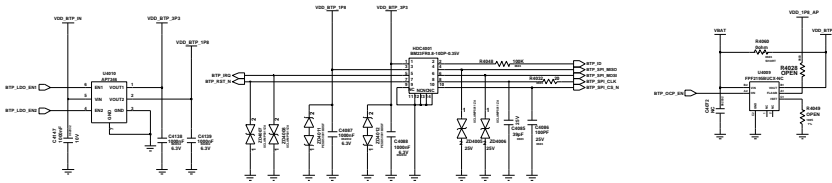


Magnetic Sensor



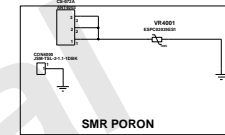
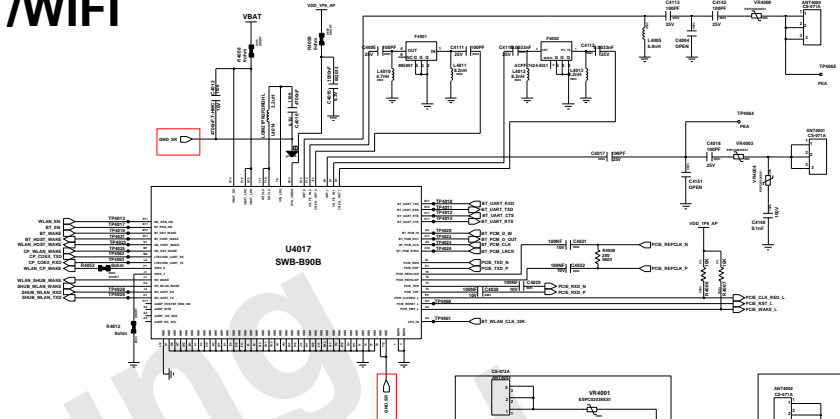
Barometer Sensor

BTP

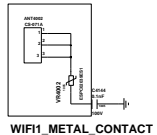


BTP IF Conn

BT/WIFI

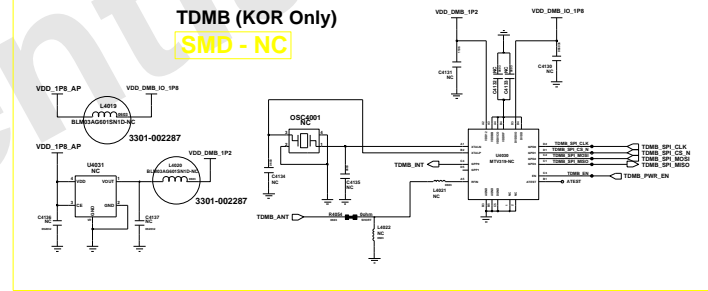


SMR PORON

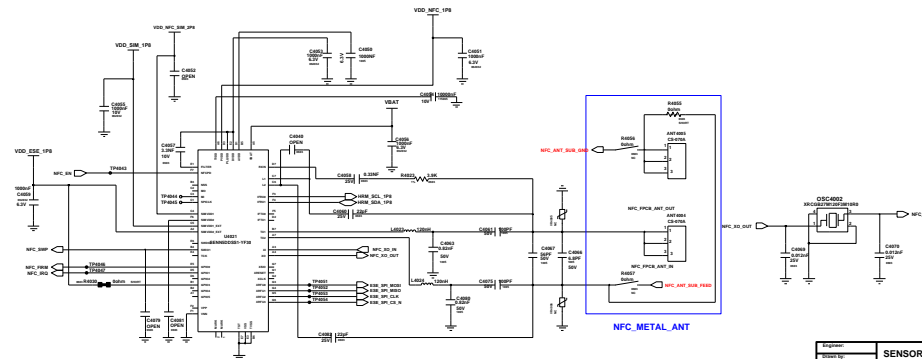


WIFI1_Metal_CONTACT

TDMB (KOR Only) SMD - NC



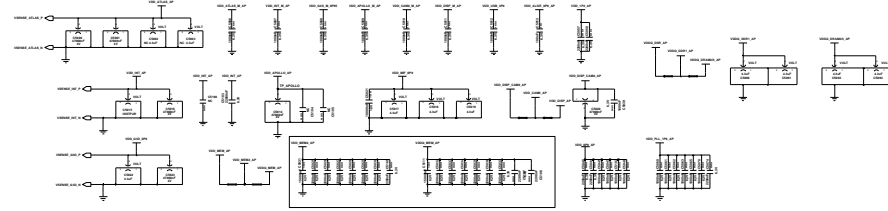
NFC



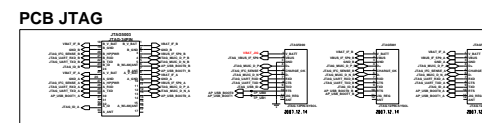
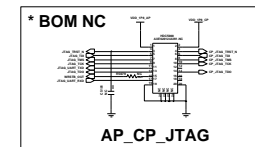
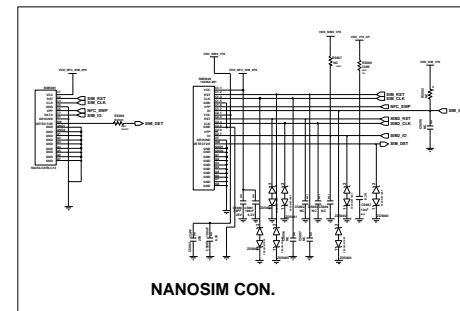
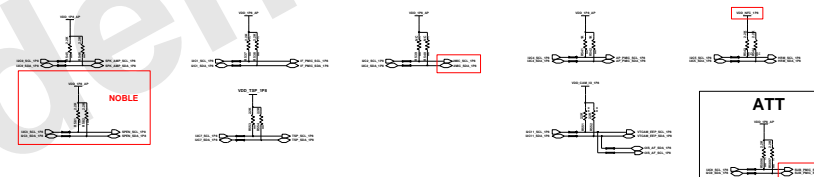
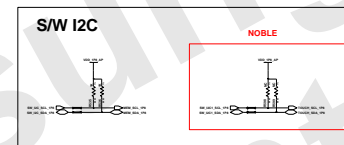
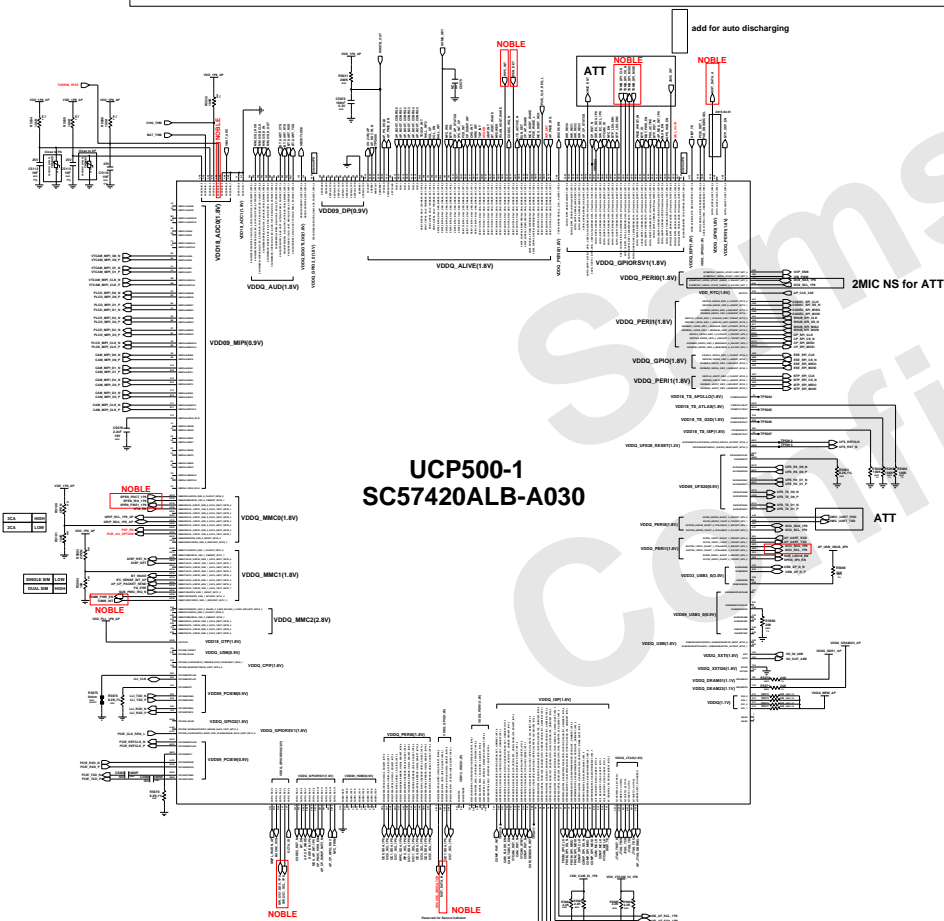
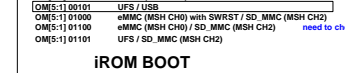
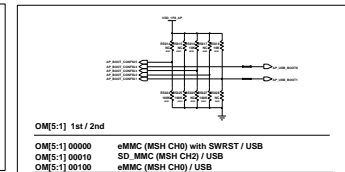
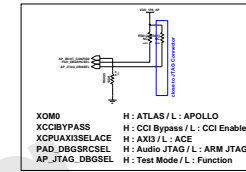
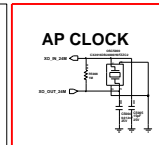
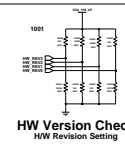
NFC_Metal_ANT

| | |
|----------|-------------------------|
| Part No. | SENSOR, WIFI/BT/GPS/NFC |
| Rev. | 1.0 |
| Doc No. | SM-G920F |
| Doc Ver. | 1.0 |
| Doc Date | 20150702 |
| Doc Size | 164545 |

AP DECAP.



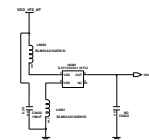
| | |
|------|--------|
| 0001 | REV0.0 |
| 0010 | REV0.1 |
| 0011 | REV0.2 |
| 0100 | REV0.3 |
| 0101 | REV0.4 |
| 0110 | REV0.5 |
| 1000 | REV0.6 |
| | |
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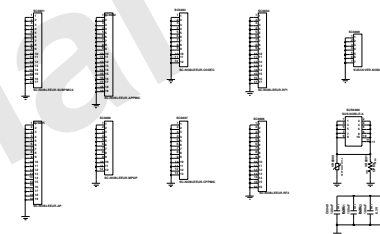
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UCP500-2 SC57420ALB-A030

cover_detect Hall_IC

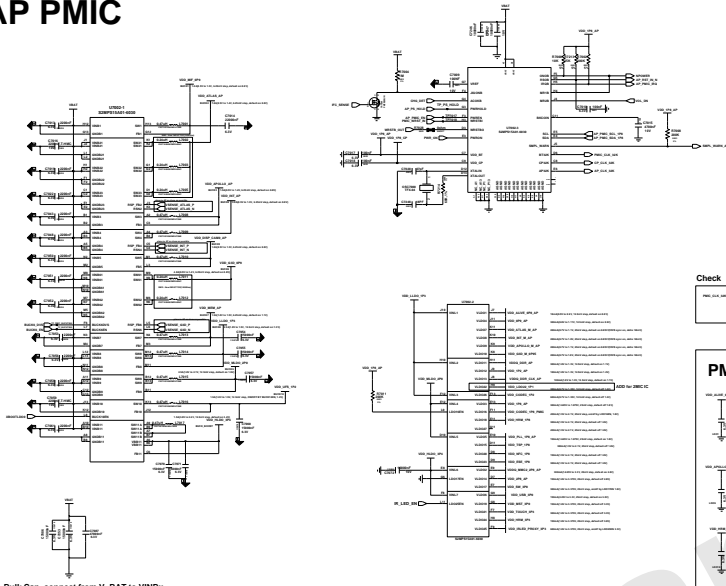


Shieldcan & SUS

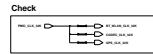


AP
SM-G920F

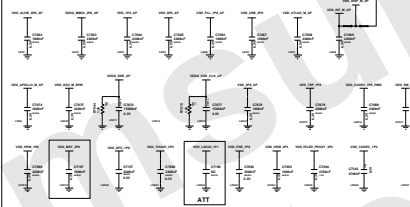
AP PMIC



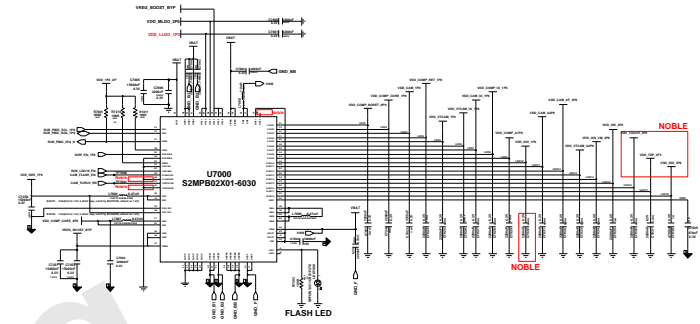
BOTHOLE



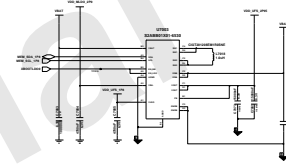
PMIC LDOs



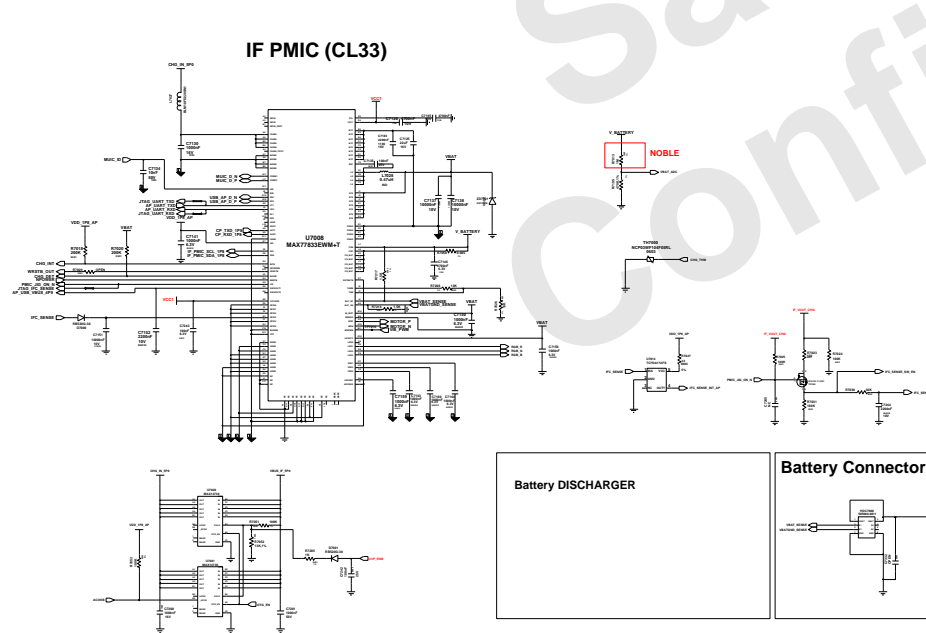
SUB_PMIC(S2MPB02)



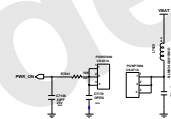
EMMC BUCK BOOSTER



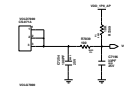
IF PMIC (CL33)



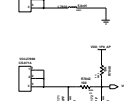
POWER KEY



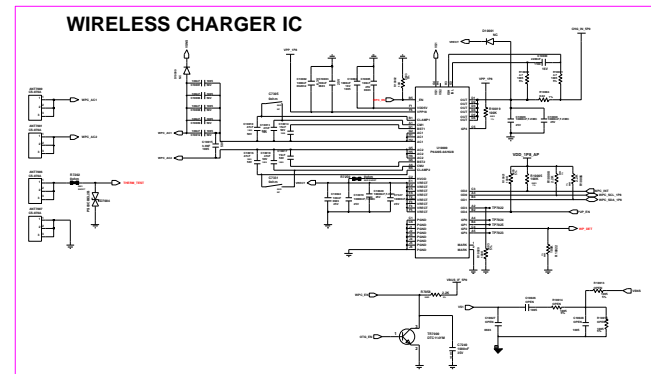
MOTOR



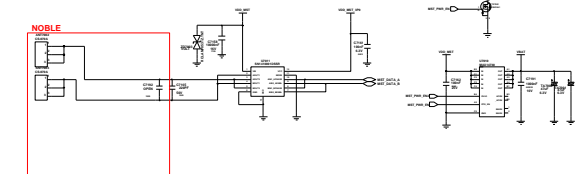
VOLUME KEY



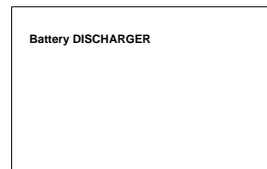
WIRELESS CHARGER IC



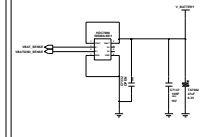
MST IC



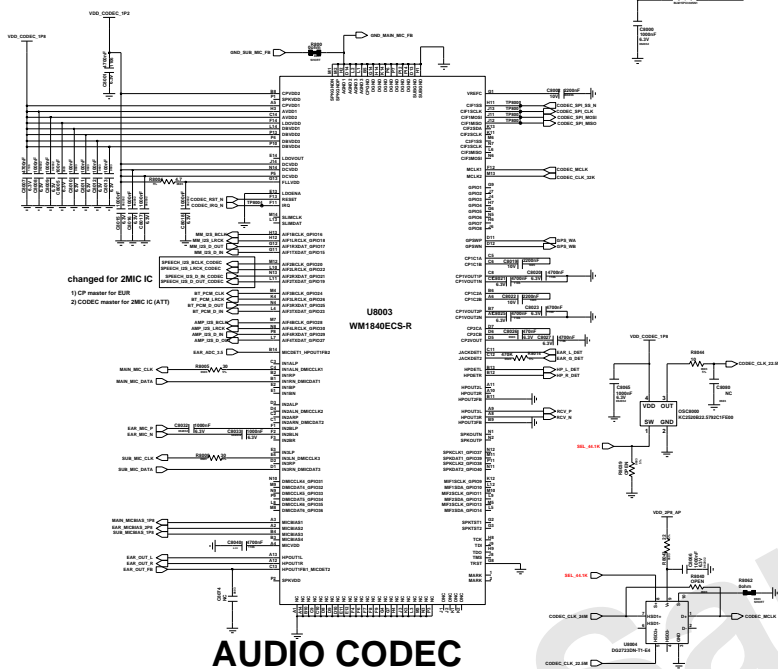
Battery DISCHARGER



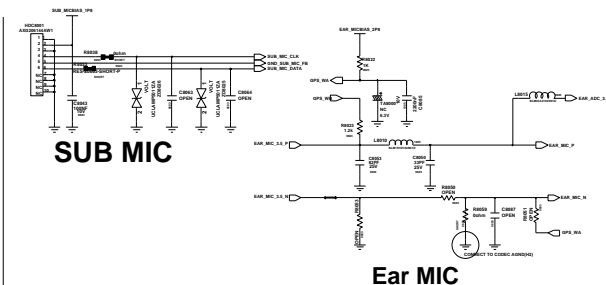
Battery Connector



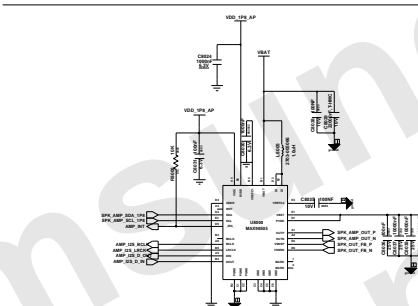
AUDIO



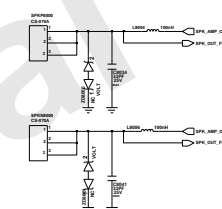
SUB MIC



SPK AMP

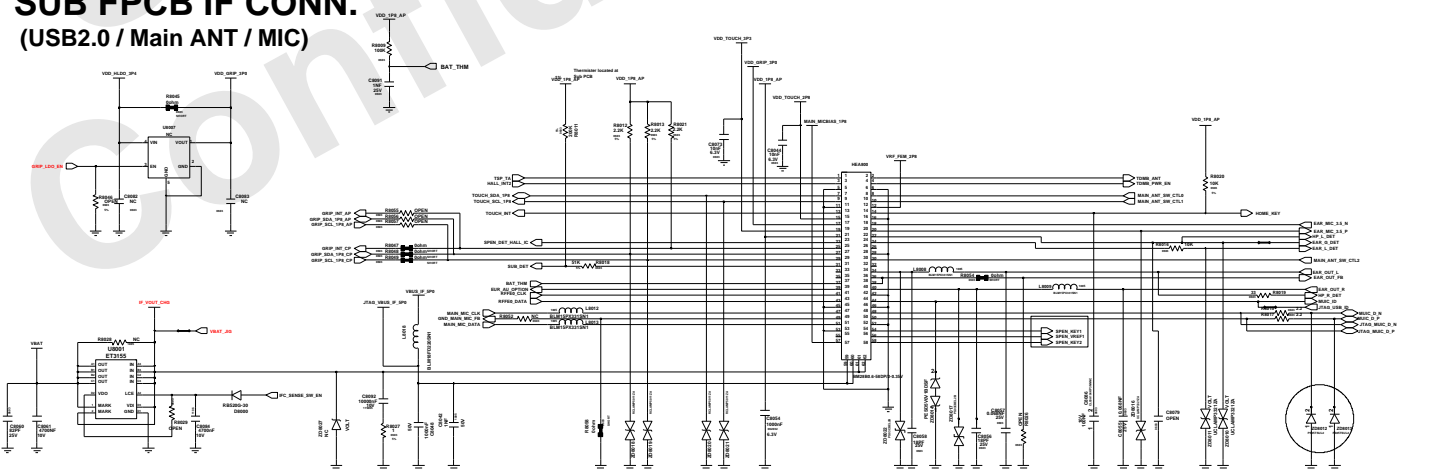


SPK CONTACT



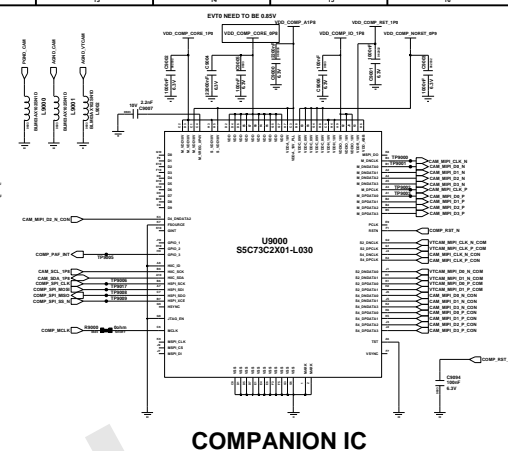
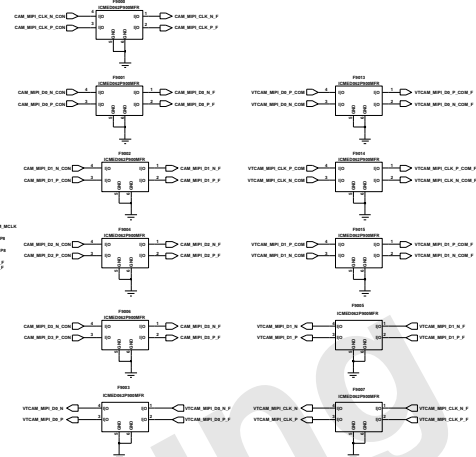
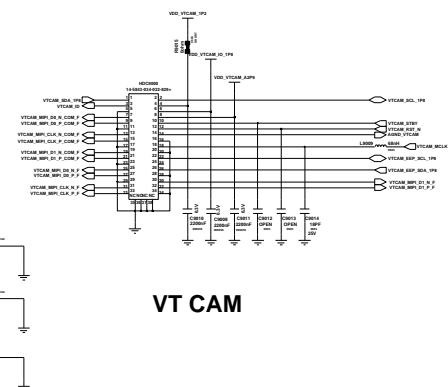
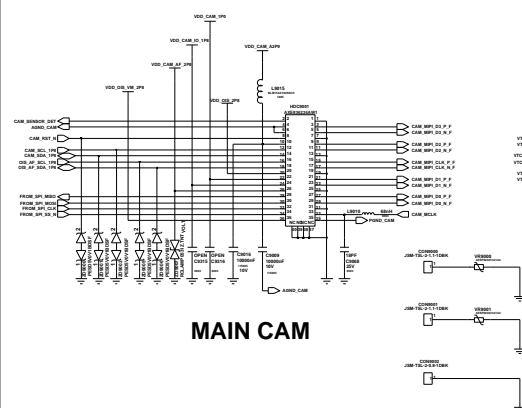
2MIC NS ATT 1) Mounting for ATT
2) Default NC

SUB FPCB IF CONN.
(USB2.0 / Main ANT / MIC)



- 1) NC for ATT
- 2) Default short

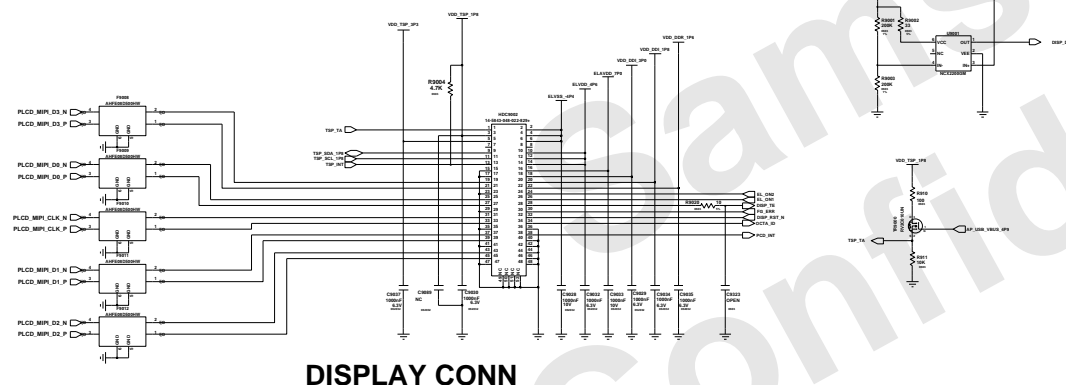
| | | |
|-----------|---------------------|--|
| Engineer: | AUDIO, SUB PCB CON. | <div> <div>DATE</div> <div>TIME</div> </div> |
| Drawn by: | | |
| REED CTR: | | |
| DOC CTR: | | |
| MPD CTR: | TITLE: | <div> <div>DATE</div> <div>TIME</div> </div> |
| | BRINGUP REV0.0 | |



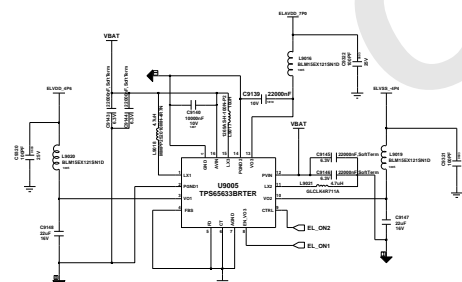
MIPI Filters

DIGITIZER PART

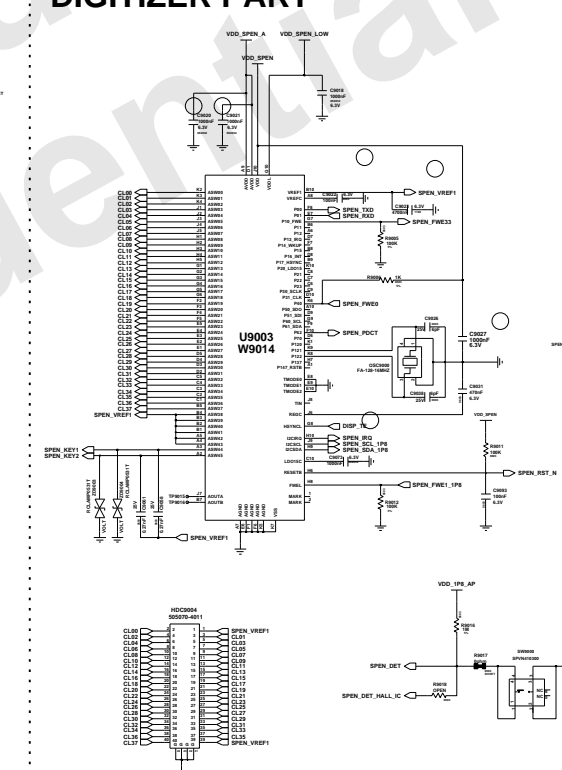
DISPLAY



DISPLAY CONN



OCTA DCDC



DIGITIZER connector

DIGITIZER JTAG

| | | |
|---------------|---|-----------|
| Engineer: | CAMERA, DISPLAY, TITLE: BRINGUP REV0.0 | |
| Drawn by: | | |
| R&D CHK: | | |
| DOC CTRL CHK: | | |
| MFG ENGR CHK: | | |
| Author: | Rev: | Released: |



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