

# SAMSUNG SM-J111F Schematic Diagram



## *Schematic Diagram*



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# J1 ACE VE C

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2016.01.06

## REFERENCE

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100

Page 2 : RF Part II (GPS, BT, FM, WIFI)

200

Page 3 : AP & MEMORY

300

Page 4 : PMIC, USB, MOTOR

400

Page 5 : AUDIO, KEY , CONNECTORS

500

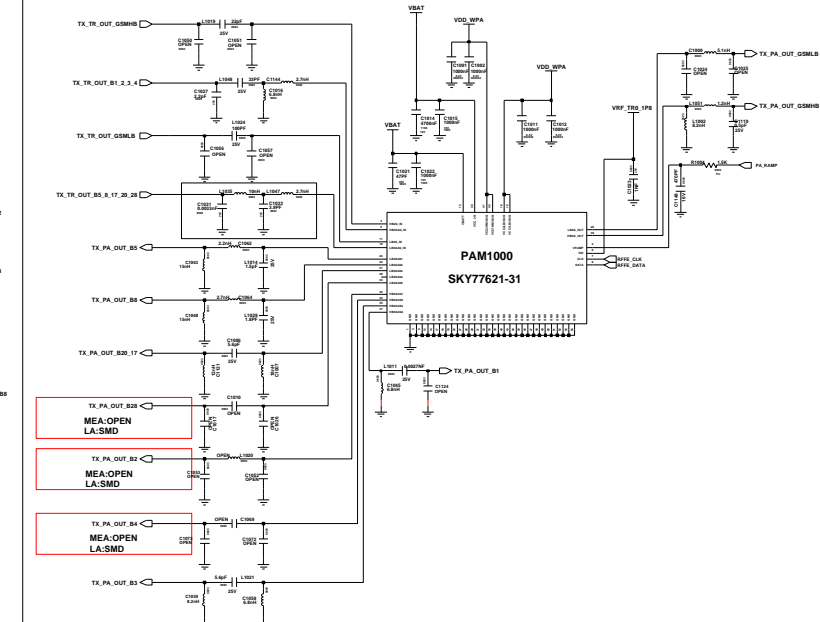
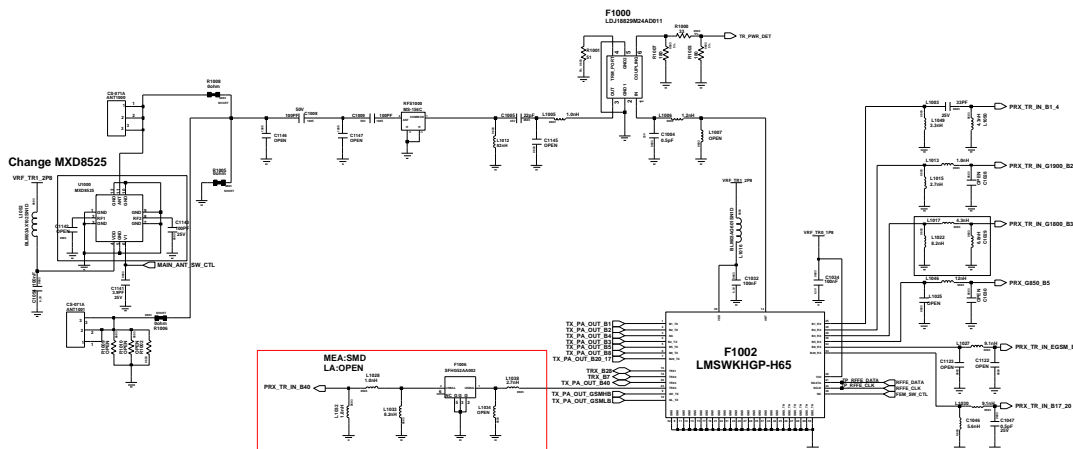
Page 6 : LCD , CAMERA , SENSOR

600

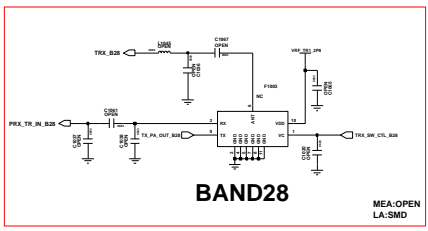
|              |         |                   |    |
|--------------|---------|-------------------|----|
| Engineer     | SAMSUNG | Table of Contents |    |
| Drawn by     | Song    | Sheet             |    |
| FIELD CHK    |         | TITLE             | A2 |
| DOC CTRL CHK |         |                   |    |
| WFS ENGR CHK |         |                   |    |

|              |                           |              |        |     |                |       |        |
|--------------|---------------------------|--------------|--------|-----|----------------|-------|--------|
| Changed by   | Date Changed              | Time Changed | SA CHK | REV | Drawing Number | Sheet | 0 of 8 |
| Minchul Jung | Thursday, August 27, 2009 | 1:18:15 pm   |        |     |                |       |        |

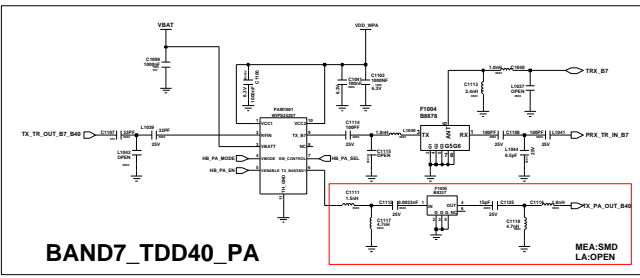
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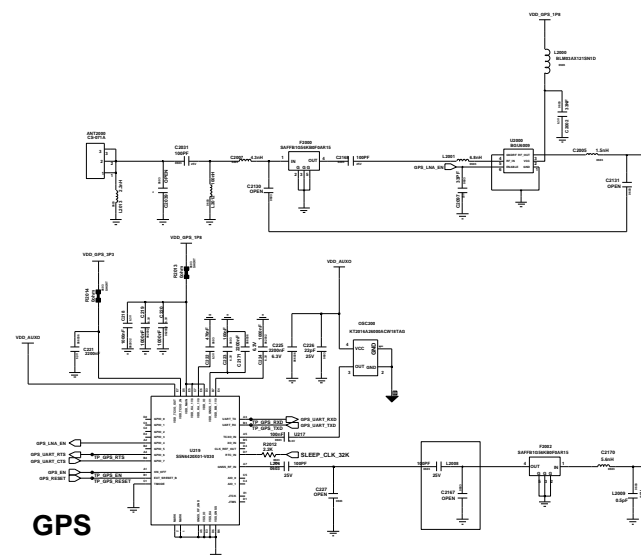
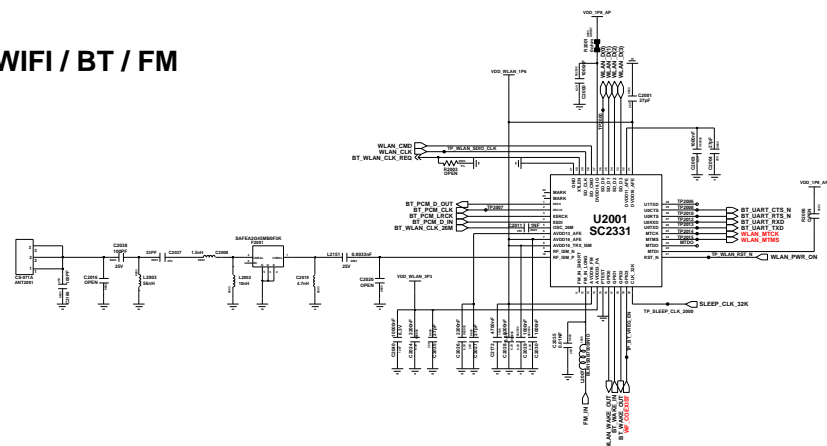
**RF BAND**  
MEA W1/5/8 LTE1/3/5/7/8/20/TDD40  
LATIN W1/2/4/5/8 LTE1/2/3/4/5/7/17/28



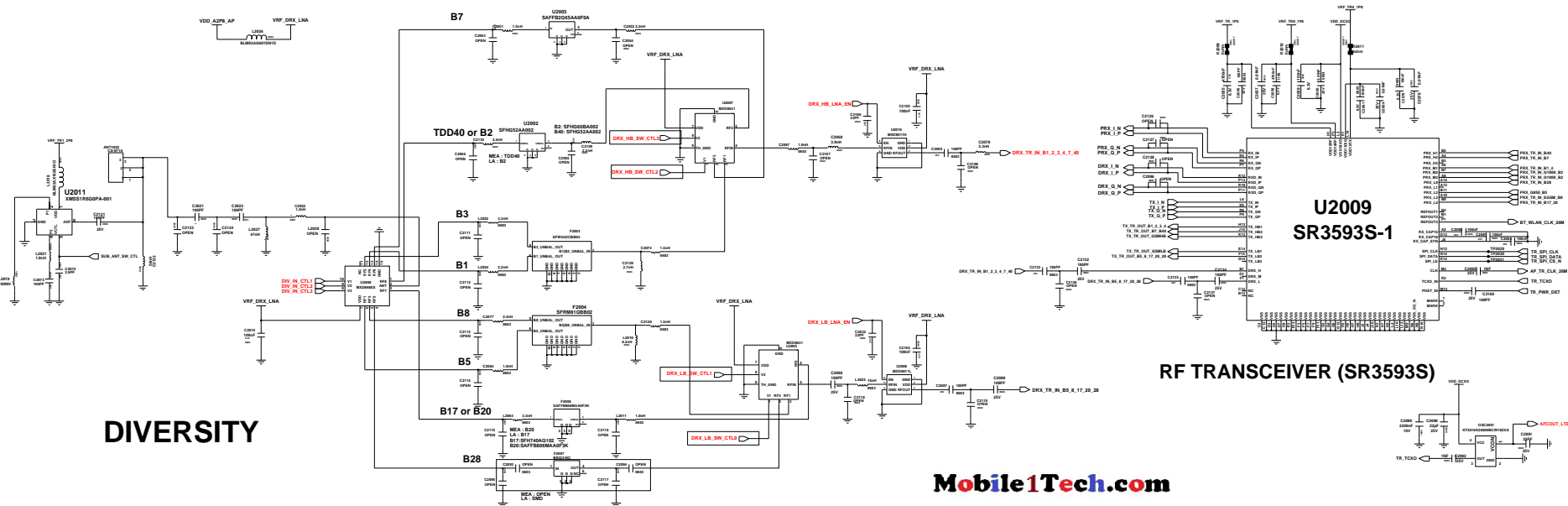
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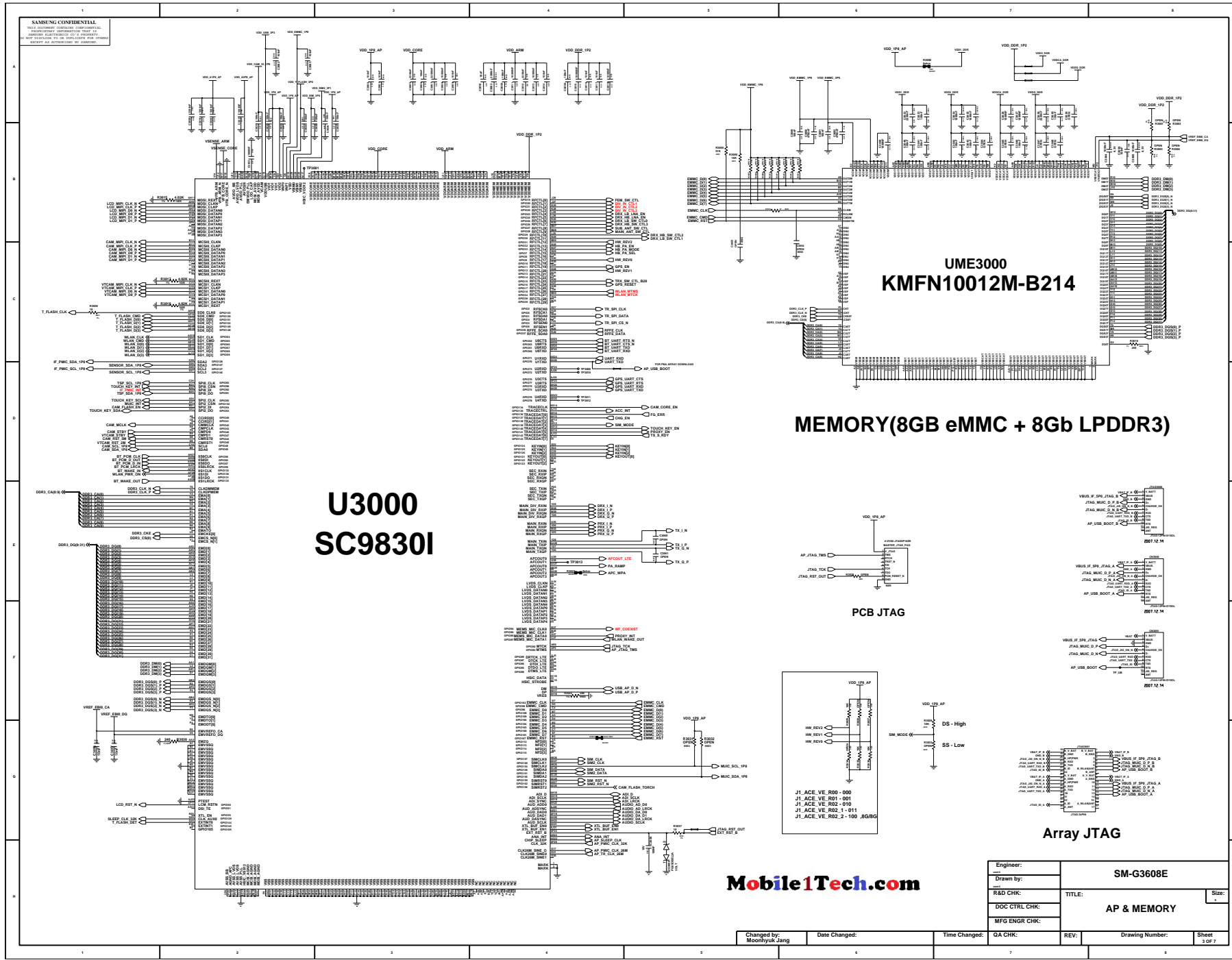
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| Project:      | SAMSUNG ELECTRONICS |
| Doc No:       | RF BLOCK            |
| Doc Ver:      | 1.0                 |
| Doc Date:     | 2010.05.11          |
| Doc Author:   | RF BLOCK            |
| Doc Checker:  | RF BLOCK            |
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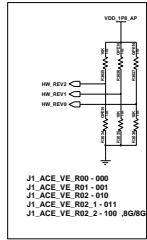


**U3000  
SC9830I**

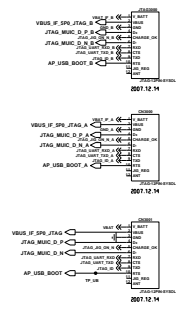
**UME3000  
KMFN10012M-B214**

**MEMORY(8GB eMMC + 8Gb LPDDR3)**

**PCB JTAG**



**Array JTAG**

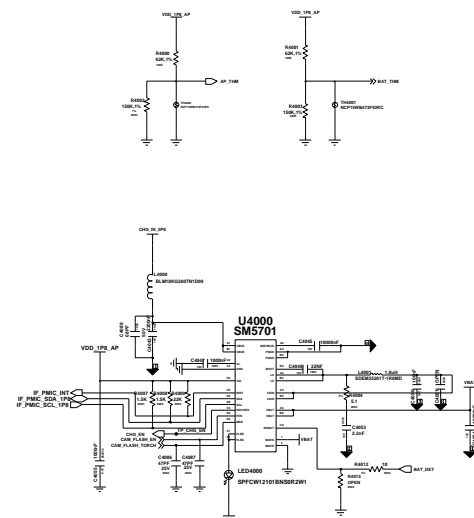
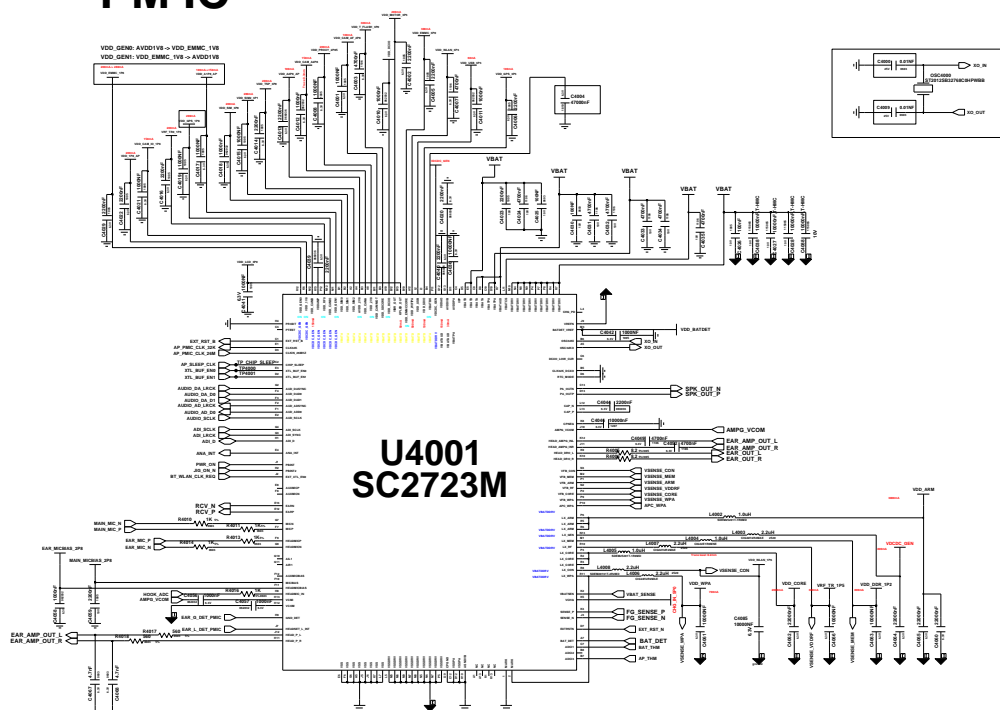


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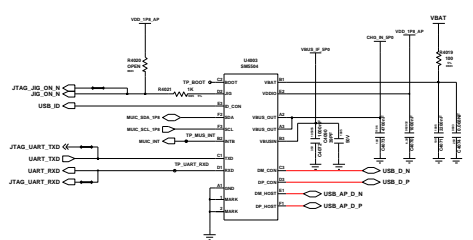
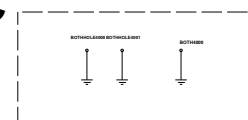
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| Drawn by:     |           |                 |              |
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| DOC CTRL CHK: |           |                 |              |
| MFG ENGR CHK: |           |                 |              |
| QA CHK:       | REV:      | Drawing Number: | Sheet 3 of 7 |

Changed by: Moonhyuk Jang Date Changed: Time Changed:

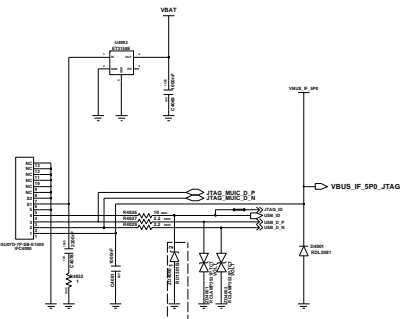
# PM IC



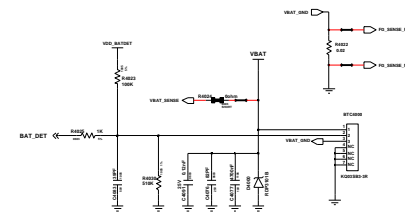
## SUB PM IC



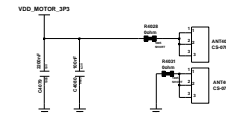
## MUIC + OVP



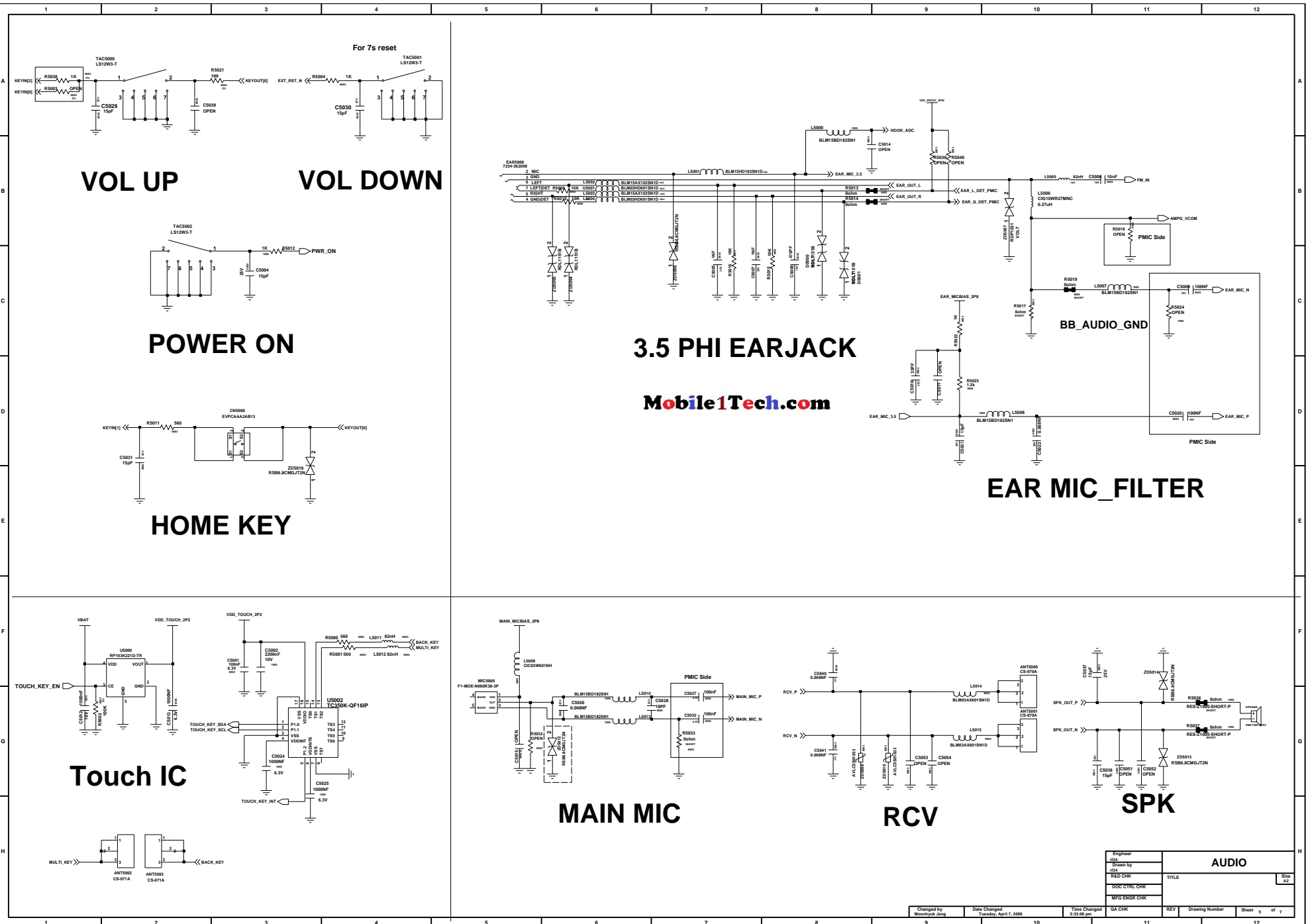
## microUSB CON



**BAT CON**

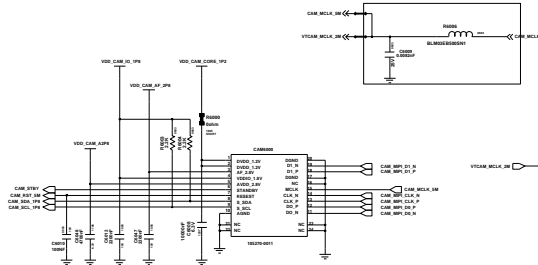


**MOTOR\_PAD**

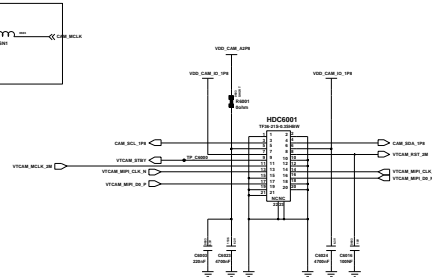


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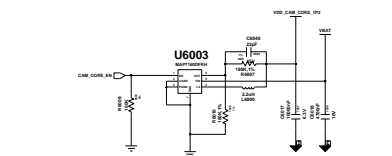
## CAMERA PART



5M\_Main\_CAM

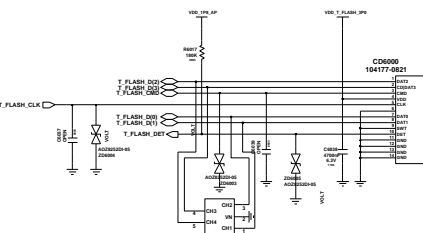


2M\_Front\_CAM

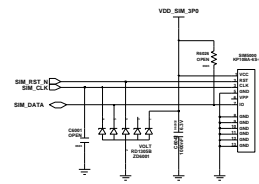


5M\_Main\_CAM\_CORE\_DCDC

## SIM / SD CARD PART

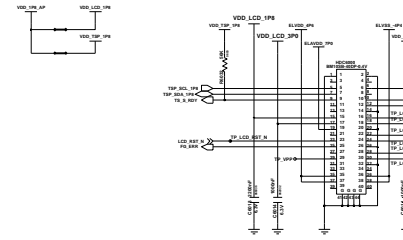


MicroSD Card CON

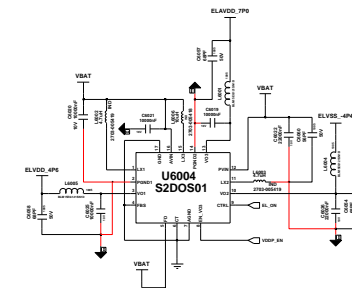


SIM CON(DUAL)

## DISPLAY PART

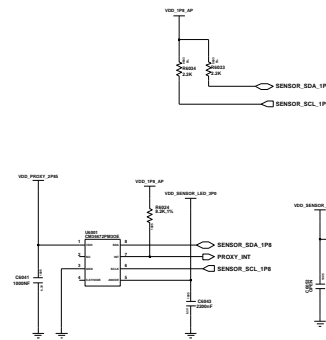


4.3" OCTA

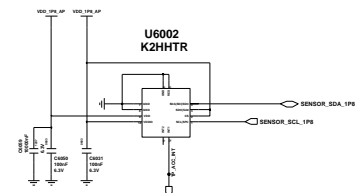


DC-DC

## SENSOR



Proxi Sensor



Accel. Sensor

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| Part No. | Part Name | Rev. |
|----------|-----------|------|
| U6003    | DCDC      | 1.0  |
| U6004    | DCDC      | 1.0  |
| U6005    | DCDC      | 1.0  |
| U6006    | DCDC      | 1.0  |
| U6007    | DCDC      | 1.0  |
| U6008    | DCDC      | 1.0  |
| U6009    | DCDC      | 1.0  |