# GT-P3100_REV0.6

2012.02.14

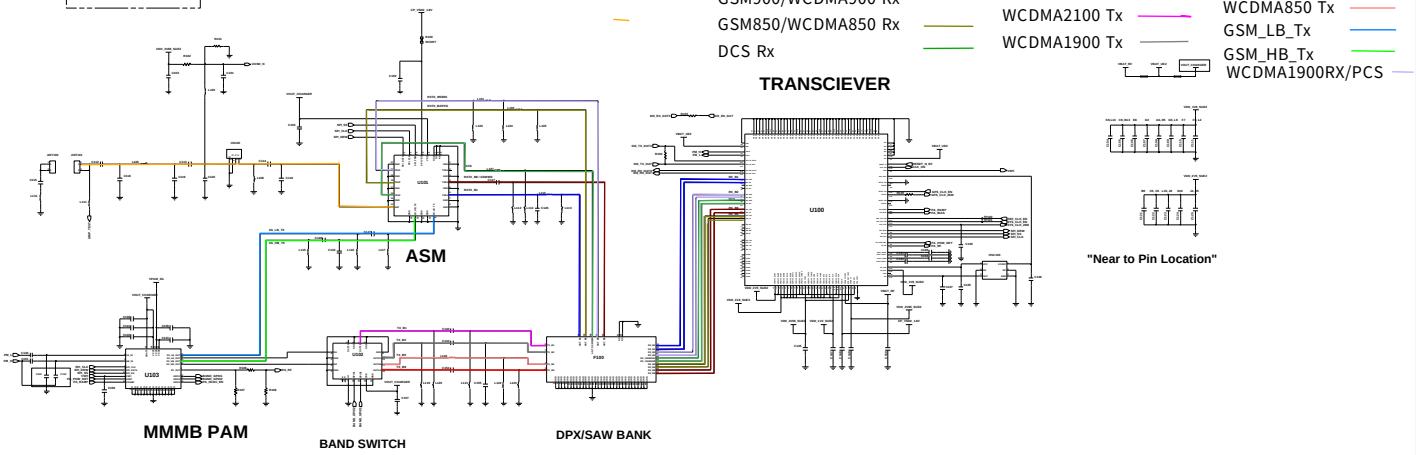
sheet01 : 2.5G RF, TRANSCEIVER, 3G RF
sheet02 : GPS, BT/WIFI
sheet03 : PMB9811 CP, DDR SDRAM, SIM
sheet04 : AUDIO part
sheet05 : IF CON
sheet06 : OMAP4430 AP, MOVINAND
sheet07 : AP PMIC, CHARGER, BAT CON
sheet08 : LCD Part, IRDA & KEY
sheet09 : 3M CAM & TSP

| | |
|---|---|
| Engineer | |
| Drawn by | |
| R&D CHK | TITLE: GT-P6200_MAIN_REV0.9 |
| SOC H/W CHK | |
| MFG ENGR CHK | |
| QA CHK | |

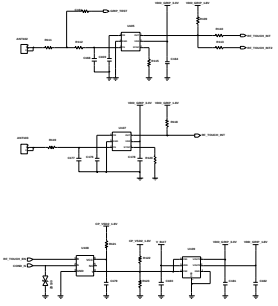
Changed by | Date Changed | Rev | Drawing Number | Sheet

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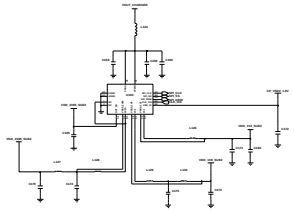
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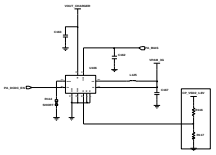

# GRIP SENSOR



GRIP SENSOR LDO

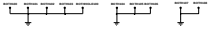


TRANSCIEVER DCDC



PAM DCDC



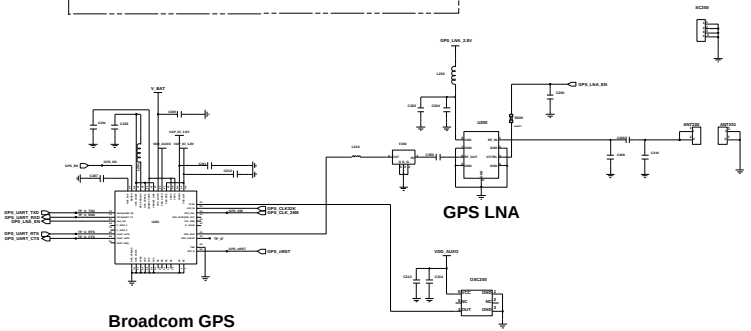


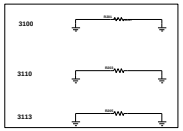
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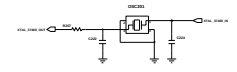
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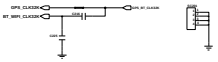
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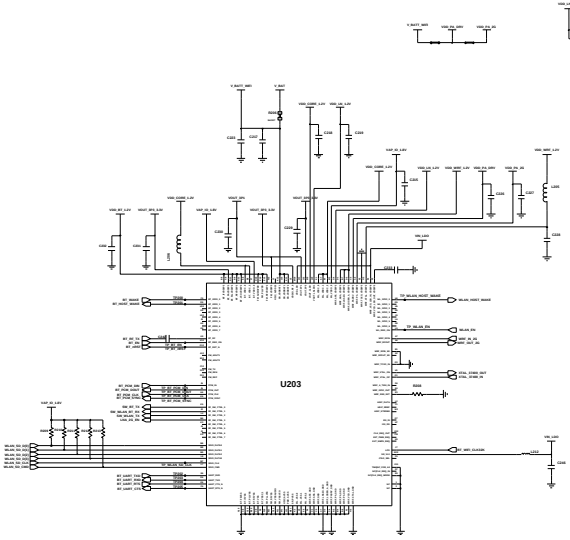




## BT/WIFI OSC

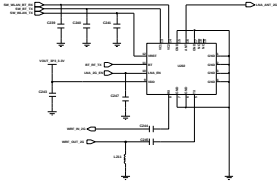


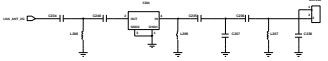




## U203




## WIFI LNA(2G)

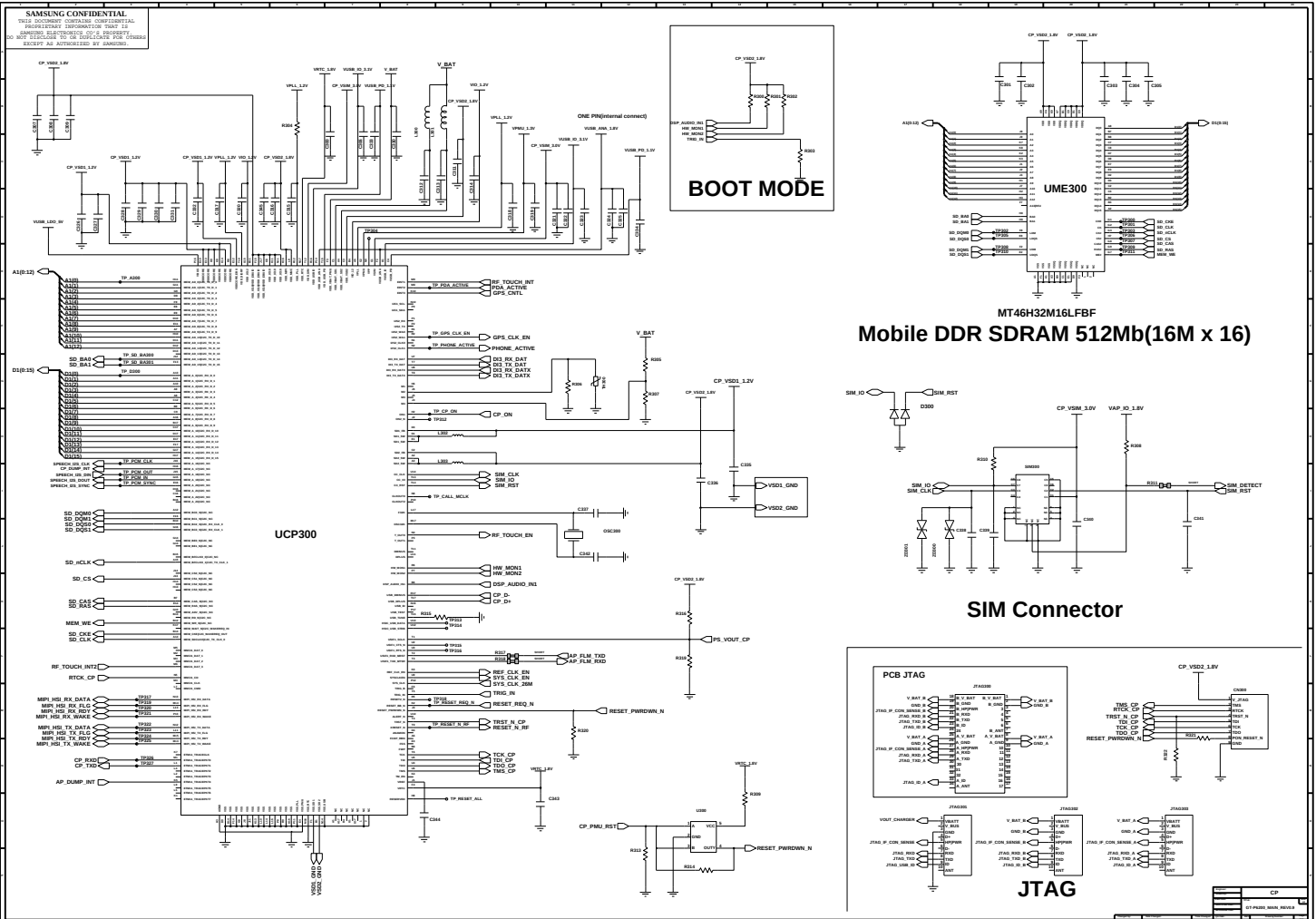



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| Engineer: | | BT/ WIFI GPS |
| Check by: | | |
| Approved by: | | |
| Date: | Size: | Rev: 1.0 |
| Project Code: | GT-P7500_MAIN_REV0.2 | |
| Work Order No: | | |
| Sheet | Drawing Number | Rev |
| 1 of 1 | | |

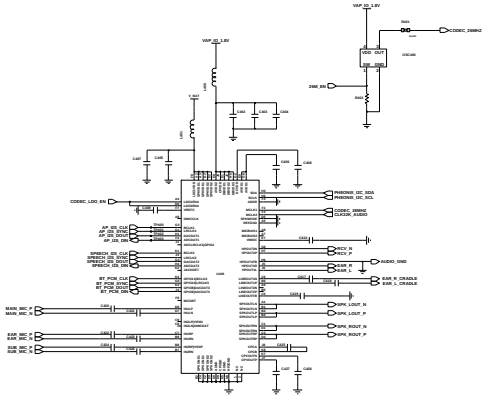
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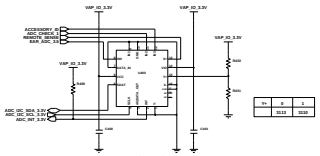


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# Audio PART



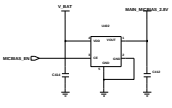
AUDIO CODEC



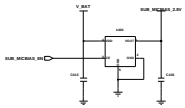
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|---|---|---|
| Vin | 0 | 1 |
| | 3133 | 3100 |

ADC IC

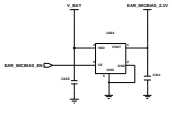
## MIC BIAS LDO



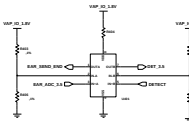
MAIN MICBIAS



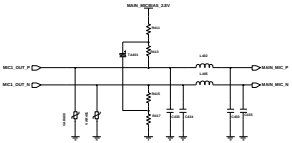
SUB MICBIAS



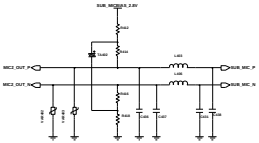
EAR MICBIAS



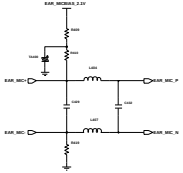
Comparator



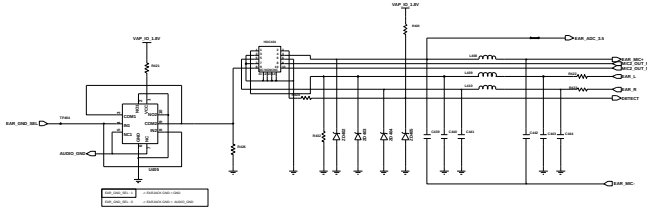
Main MIC



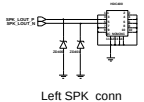
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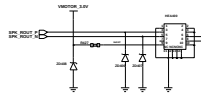
Ear MIC



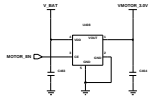
3.5PI EARJACK + SUB MIC



Left SPK conn



Right SPK / MOT conn

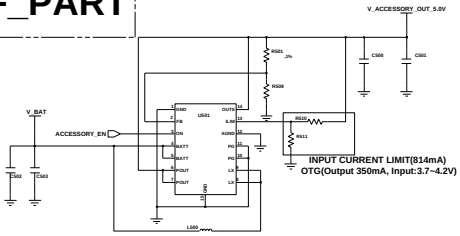


Motor LDO(3G)

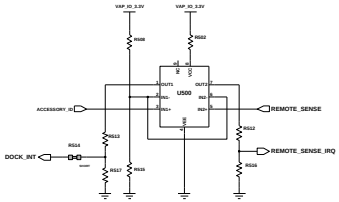
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|---|---|---|---|
| Designed by | Web manager | Date Changed | |
| Approved by | | Drawing Number | |

| | |
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| Project | AUDIO & MOTOR |
| Title | GT-I9100G_MAIN_REV0.0 |
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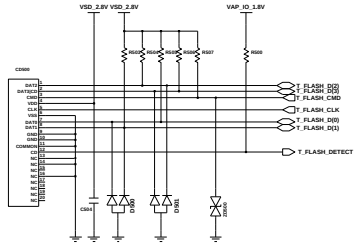
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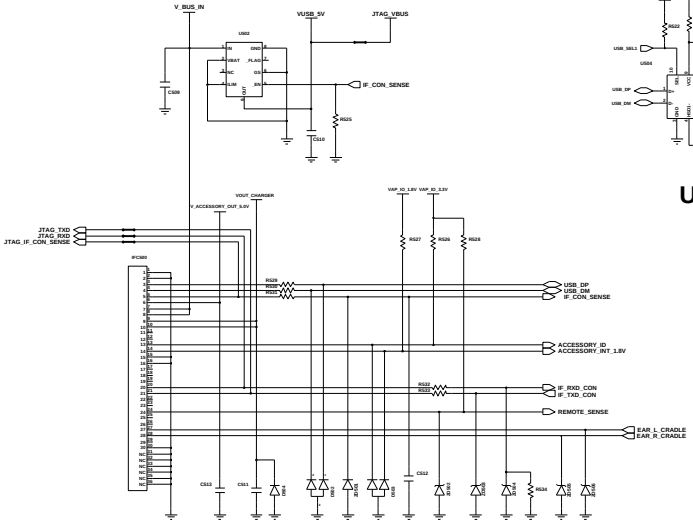

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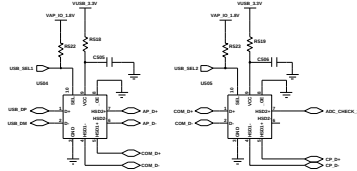

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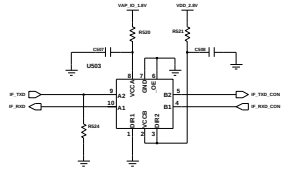

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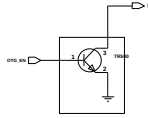

## 30pin I/F CONNECTOR




## USB SWITCH IC




## UART Level Shifter

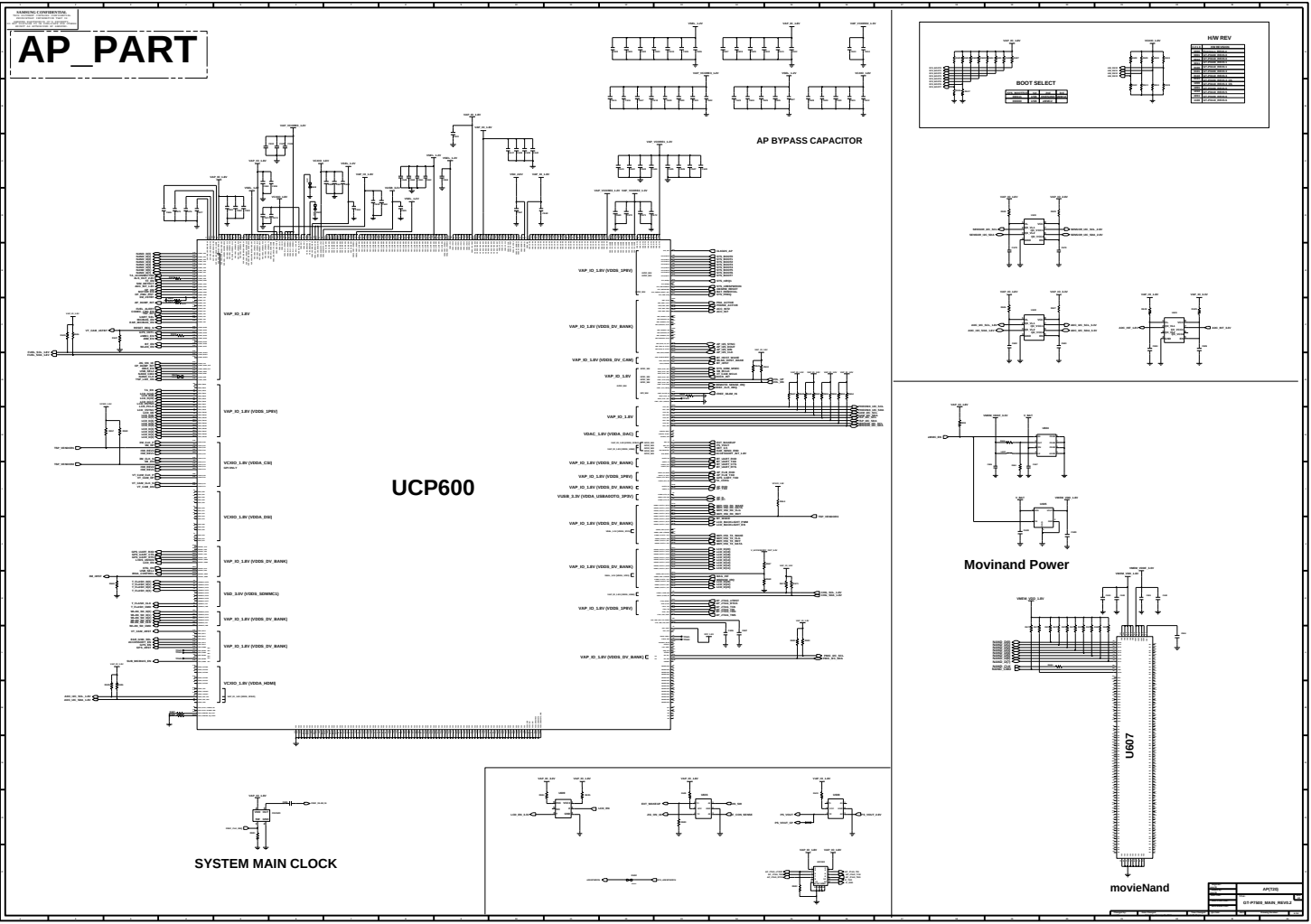



## OTG Enable

| | | | |
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| Engineer | | INTERFACE | |
| Drawn by PDR | | | |
| R&D CHK | | TITLE | SIZE A3 |
| DOC CTRL CHK | | GT-P7500_MAIN_REV0.2 | |
| MFG ENGR CHK | | | |
| QA CHK | | REV | Drawing Number |

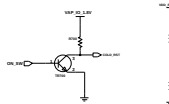
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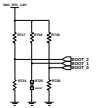
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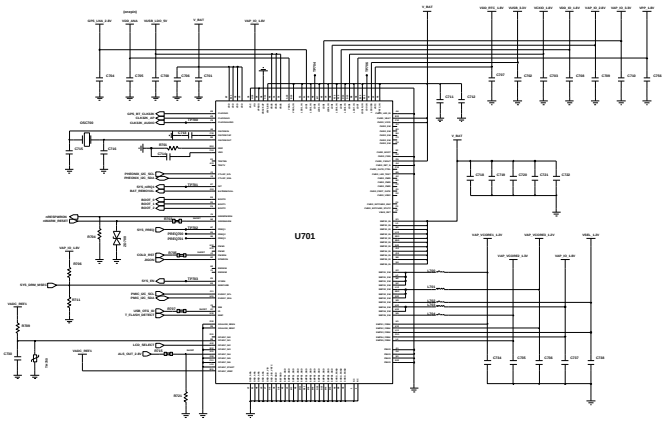

UCP600
AP BYPASS CAPACITOR
BOOT SELECT
H/W REV
Movinand Power
movieNand
U607
SYSTEM MAIN CLOCK

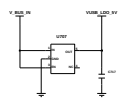
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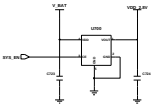
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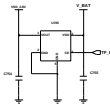


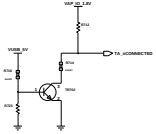


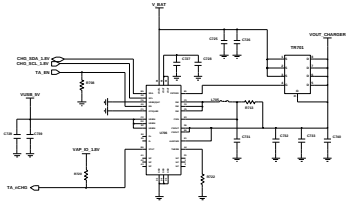


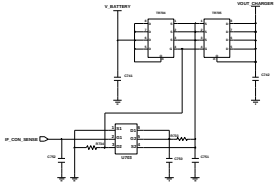




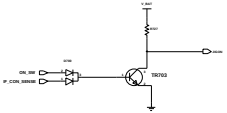




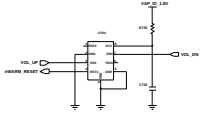
SWITCHING CHARGING BLOCK



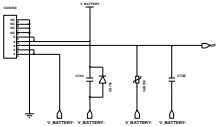
EXT_JIG_POWER_CONTROL



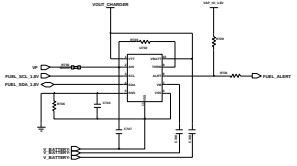
<Power On Block>



RESET IC



BATTERY CONTACT

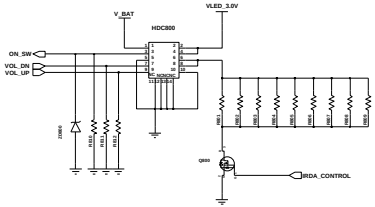


FUEL GUAGE

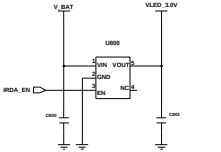
| | | |
|---|---|---|
| Engineer | POWER PART | |
| Project No. | | |
| Date Made | Size | Rev |
| Date Chg. Made | GT-P7500_MAIN_REV0.2 | 0.2 |
| Date Chg. Made | | |
| Designed by | Sheet Number | Total Sheets |
| Date Changed | Drawing Number | Of Sht |

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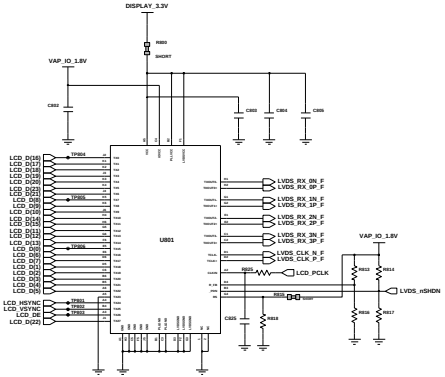
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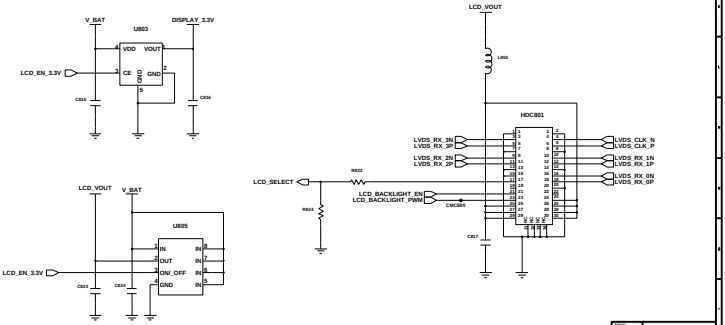

**POWER & VOLUME KEY**




**IRDA LDO(option)**



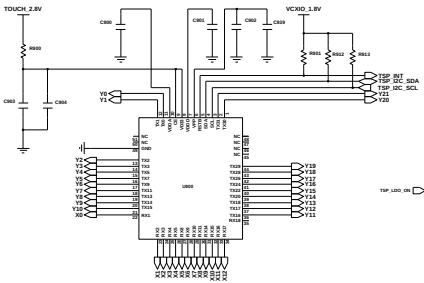

**LVDS Transmitter**



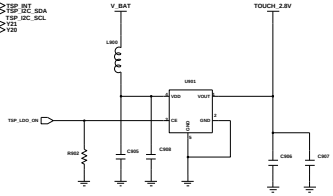

LCD PART

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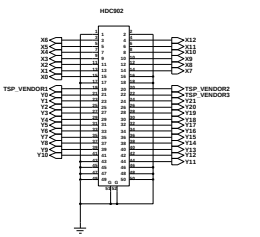
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TOUCH SENSOR IC

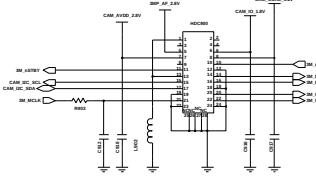



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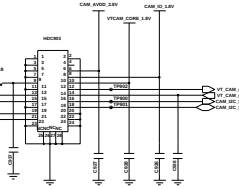



50Pin TOUCH Con.

## CAM PART

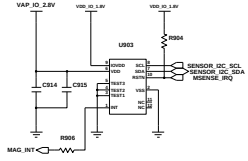



3M CAM

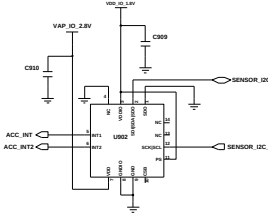



VT CAM

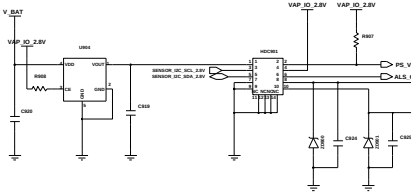
## SENSOR_PART



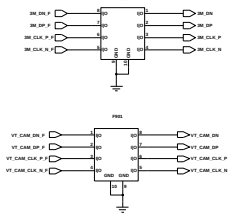

Magnetic Sensor

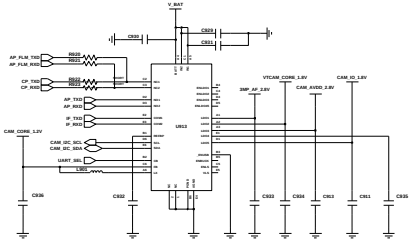



Accelerometer Sensor




RCV & Proximity




| | | | |
|---|---|---|---|
| Engineer | | TSP, SENSOR | |
| Drawn by | | | |
| R&D CHK | | TITLE | SIZE A0 |
| DOC CTRL CHK | | GT-P7500_MAIN_REV0.2 | |
| MFG ENGR CHK | | | |
| QA CHK | | REV | Drawing Number / Sheet 10 / 14 |

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