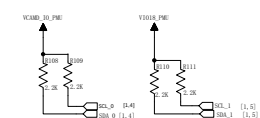
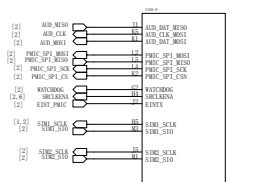
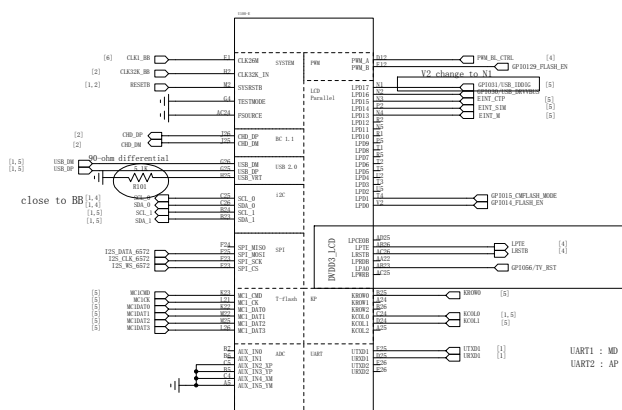
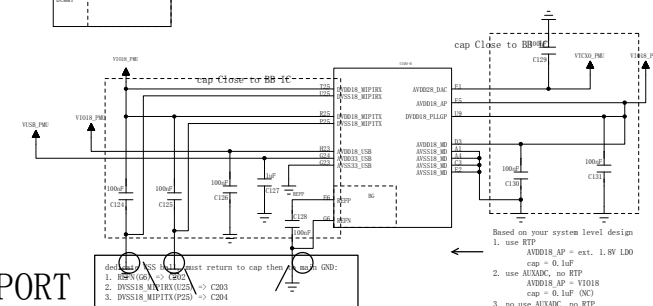
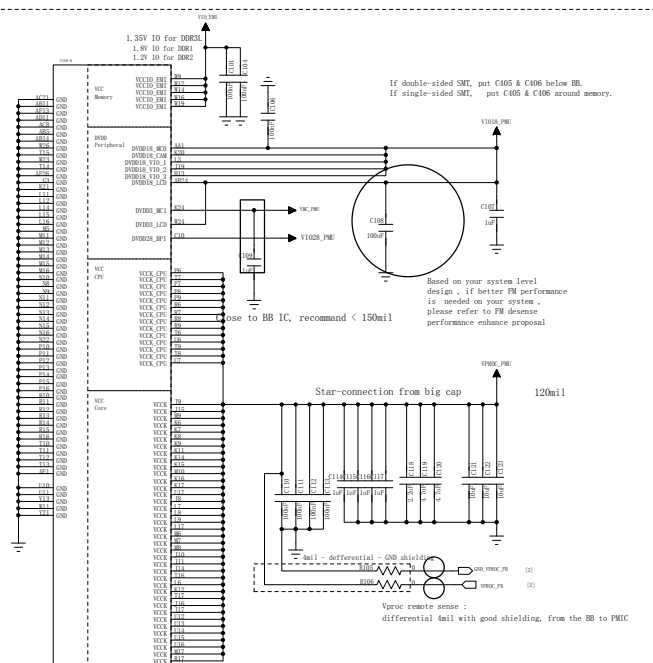
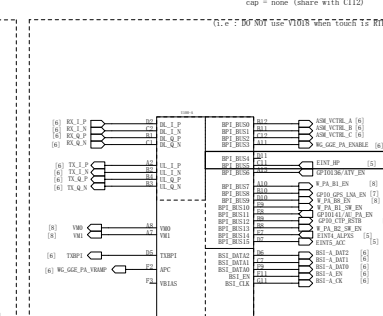
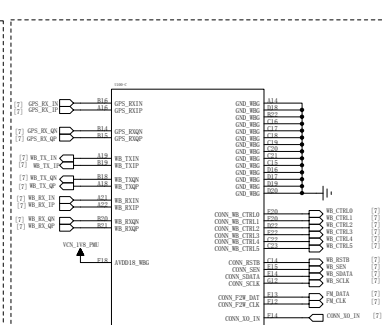
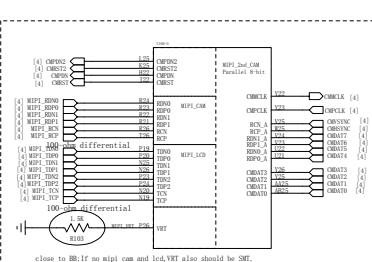
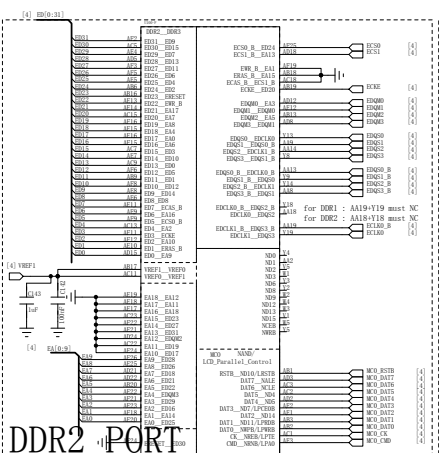


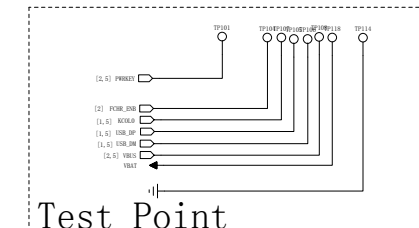
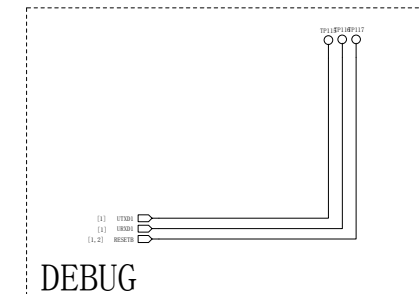
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| LTR             | ECO NO: | APPROVED: | DATE |
|                 |         |           |      |
|                 |         |           |      |
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|                 |         |           |      |



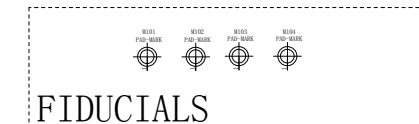
## MCU PORT



## PWR\_PORT



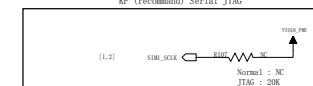
Test Point



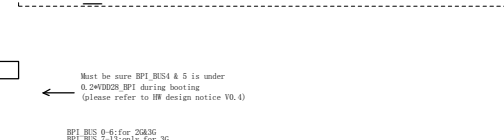
## FIDUCIALS

|           |         |          |            |           |
|-----------|---------|----------|------------|-----------|
|           | NO JTAG | JTAG-KP  | JTAG-MSDC1 | JTAG-SMR5 |
| SIM1_SCLK | NO PULL | 20K PULL | NO PULL    | 20K PULL  |
| SIM2_SCLK | NO PULL | NO PULL  | 20K PULL   | 20K PULL  |

ED (recommended) Sclk1, JTAG

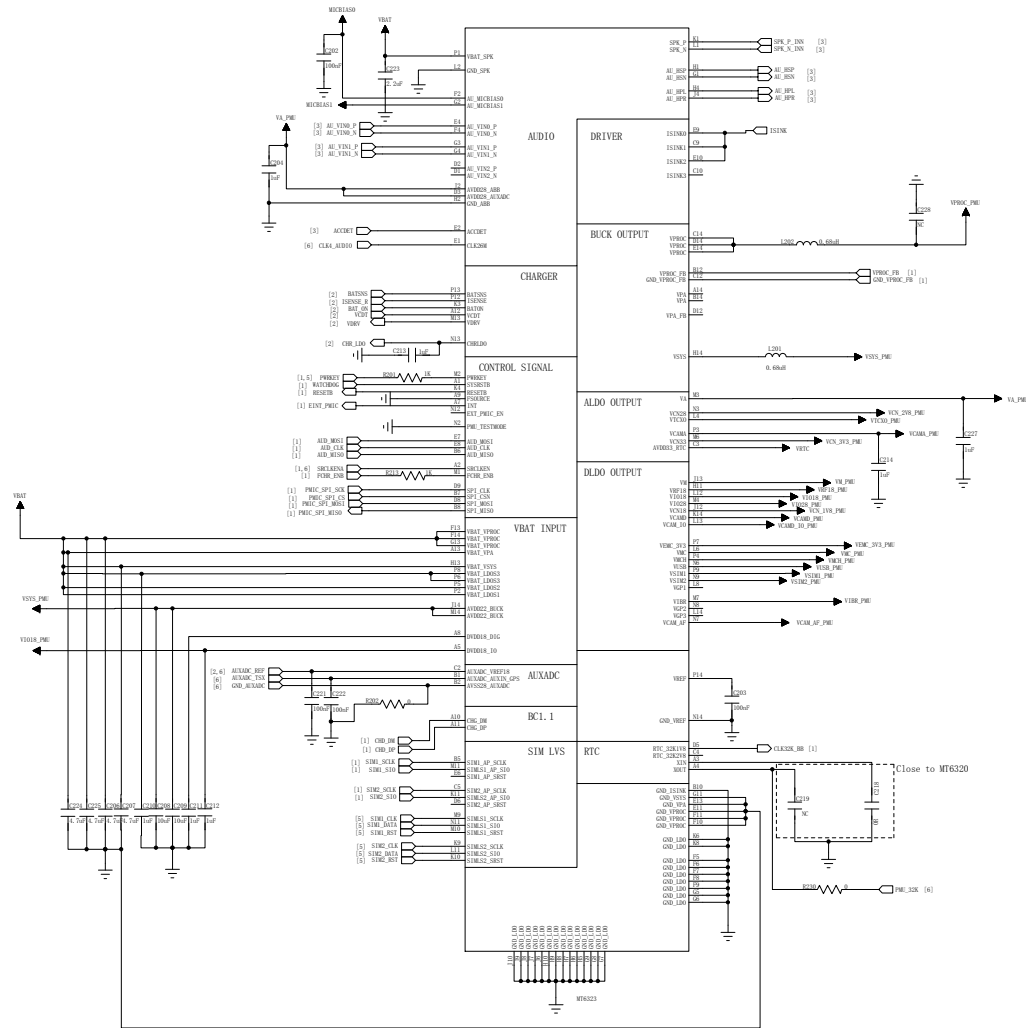


## CON CLIP

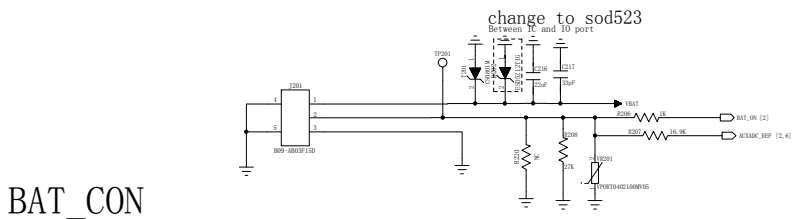


|                  |            |                |             |
|------------------|------------|----------------|-------------|
|                  |            | COMPANY:       |             |
|                  |            | TITLE:         |             |
| SEAL:            | GZY        | Y729_MAIN_V1.0 |             |
| DATED:           | 2014-07-04 |                |             |
| CHARGED:         | DATED:     | CODE:          | SIZE:       |
| QUALITY CONTROL: | DATED:     | A1             | DRAWING NO: |
| RELEASED:        | DATED:     | SHEET: 1 OF 9  |             |

| REVISION RECORD |        |          |      |
|-----------------|--------|----------|------|
| LV              | REV NO | APPROVED | DATE |
|                 |        |          |      |
|                 |        |          |      |
|                 |        |          |      |



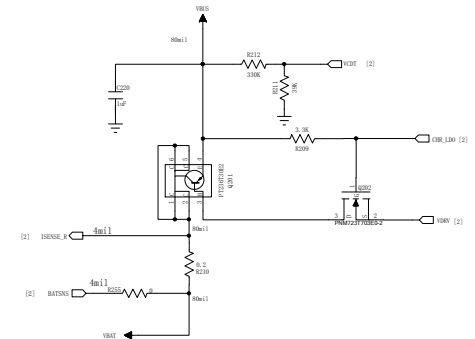
PMU\_6323



BAT\_CON

|             | Symbol  | Yout (V)                        | Iout (mA) | Cap Value (uF) |
|-------------|---------|---------------------------------|-----------|----------------|
| Buck        | VPROC   | 0.7~1.4                         | 2800      | >40            |
|             | VSYS    | 2.2                             | 1400      | >20            |
|             | VPA     | 0.5~3.4                         | 600       | 2.2~2.2        |
| Analog LDO  | VA      | 2.8                             | 180       | 1              |
|             | VCM8    | 2.8                             | 30        | 1              |
|             | VTC30   | 2.8                             | 40        | 1              |
|             | VCM4    | 2.8                             | 150       | 3.2            |
| Digital LDO | VH      | 1.24/1.38/1.54/1.84             | 700       | 10             |
|             | VBF18   | 1.825                           | 200       | 1              |
|             | V0108   | 1.8                             | 300       | 4.7            |
|             | VCM1_V8 | 1.8                             | 120       | 1              |
|             | VIC08   | 2.8                             | 200       | 2.2            |
|             | VCM0    | 1.2/1.3/1.5/1.8                 | 150       | 1              |
|             | VCM10   | 1.8                             | 100       | 1              |
|             | VMC     | 1.8/3.3                         | 100       | 1              |
|             | VMS3    | 3.0/3.3                         | 400       | 2.2            |
|             | VMS3_V3 | 3.0/3.3                         | 400       | 4.7            |
|             | VCM_AP  | 1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3 | 100       | 1              |
|             | VGP1    | 1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3 | 100       | 1              |
|             | VGP2    | 1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3 | 100       | 1              |
|             | VGP3    | 1.2/1.3/1.5/1.8                 | 200       | 1              |
|             | VMS3    | 3.3/3.4/3.5/3.6                 | 240       | 4.4            |
|             | VMS8    | 1.8                             | 20        | 1              |
|             | V0108   | 1.8                             | 20        | 1              |
|             | VSE1    | 1.8/3.3                         | 50        | 1              |
|             | VSE2    | 1.8/3.3                         | 50        | 1              |
| Vibrator    | VIB     | 1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3 | 100       | 1              |
| RTC         | VRTC    | 2.8                             | 2         | 0.1~1          |

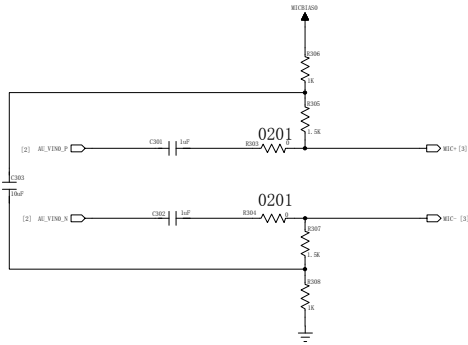
1. Close to Battery Connector.
2. Star connection from R210 to BAT Connector



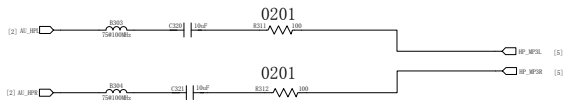
CHRG

|                  |  |                  |  |                       |       |             |               |
|------------------|--|------------------|--|-----------------------|-------|-------------|---------------|
| DRAWN: GZY       |  | DATE: 2014-07-04 |  | COMPANY:              |       |             |               |
|                  |  |                  |  | TITLE: Y729_MAIN_V1.0 |       |             |               |
| CHECKED:         |  | DATE:            |  | CODE: A1              | SIZE: | DRAWING NO: | REV:          |
| QUALITY CONTROL: |  | DATE:            |  |                       |       |             |               |
| RELEASED:        |  | DATE:            |  | SCALE:                |       |             | SHEET: 2 of 9 |

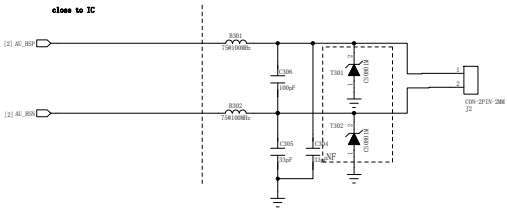
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|-----------------|---------|-----------|-------|
| LTN             | REV NO. | APPROVED: | DATE: |
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|                 |         |           |       |
|                 |         |           |       |



MAIN\_MIC

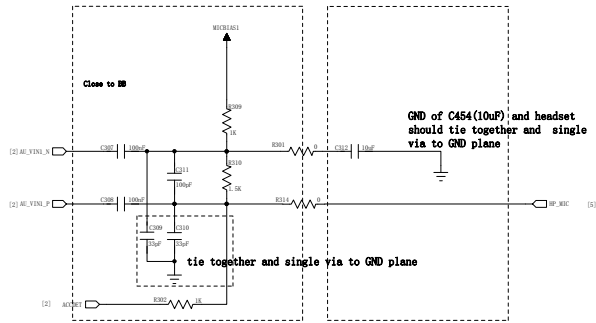
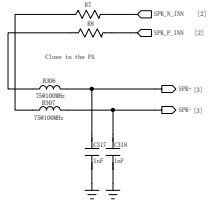


HEAD\_MP3

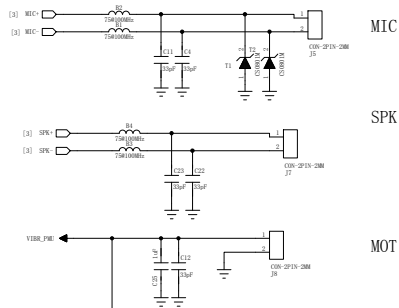


REC

AUDIO\_PA



HEAD\_MIC



CON\_KEY

| REVISION RECORD |         |           |       |
|-----------------|---------|-----------|-------|
| LTN             | REV NO. | APPROVED: | DATE: |
|                 |         |           |       |
|                 |         |           |       |
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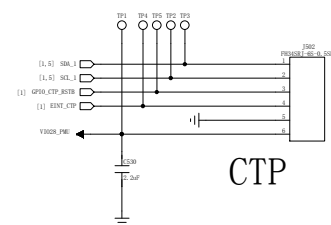
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| DESIGN:          | GZY | DATE: | 2014-07-04 |
| CHECKED:         |     | DATE: |            |
| QUALITY CONTROL: |     | DATE: |            |
| RELEASED:        |     | DATE: |            |

|                |       |              |       |
|----------------|-------|--------------|-------|
| COMPANY:       |       |              |       |
| TITLE:         |       |              |       |
| Y729_MAIN_V1.0 |       |              |       |
| CORE:          | SIZE: | DRAWING NO.: | REV.: |
| A1             |       |              |       |

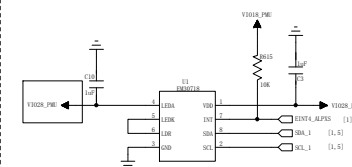
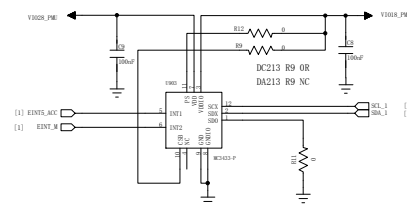
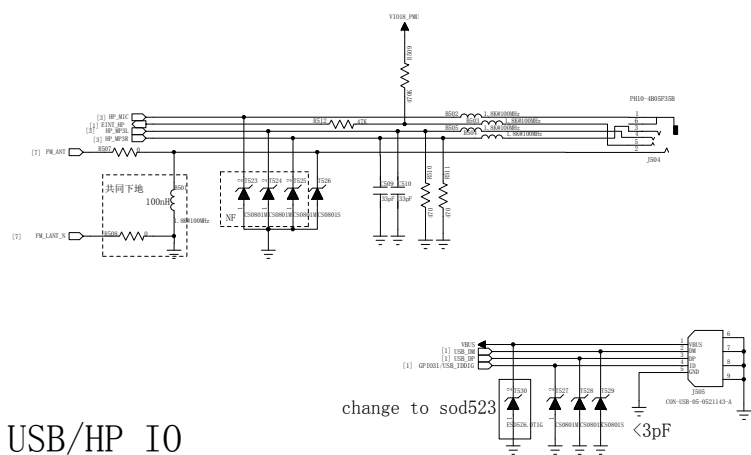
|        |               |
|--------|---------------|
| SCALE: | SHEET: 3 of 9 |
|--------|---------------|



|                  |     |                       |            |
|------------------|-----|-----------------------|------------|
|                  |     | IMPANT:               |            |
|                  |     | TITLE: Y729_MAIN_V1.0 |            |
| BOBNS:           | GZY | DATE:                 | 2014-07-04 |
| CHECKED:         |     | DATE:                 |            |
| QUALITY CONTROL: |     | DATE:                 |            |
| RELEASED:        |     | DATE:                 |            |
|                  |     | CODE:                 |            |
|                  |     | SIZE:                 | A1         |
|                  |     | DRAWING NO:           |            |
|                  |     | REV:                  |            |
|                  |     | SCALE:                |            |
|                  |     | SHEET:                | 5 of 9     |



CTP

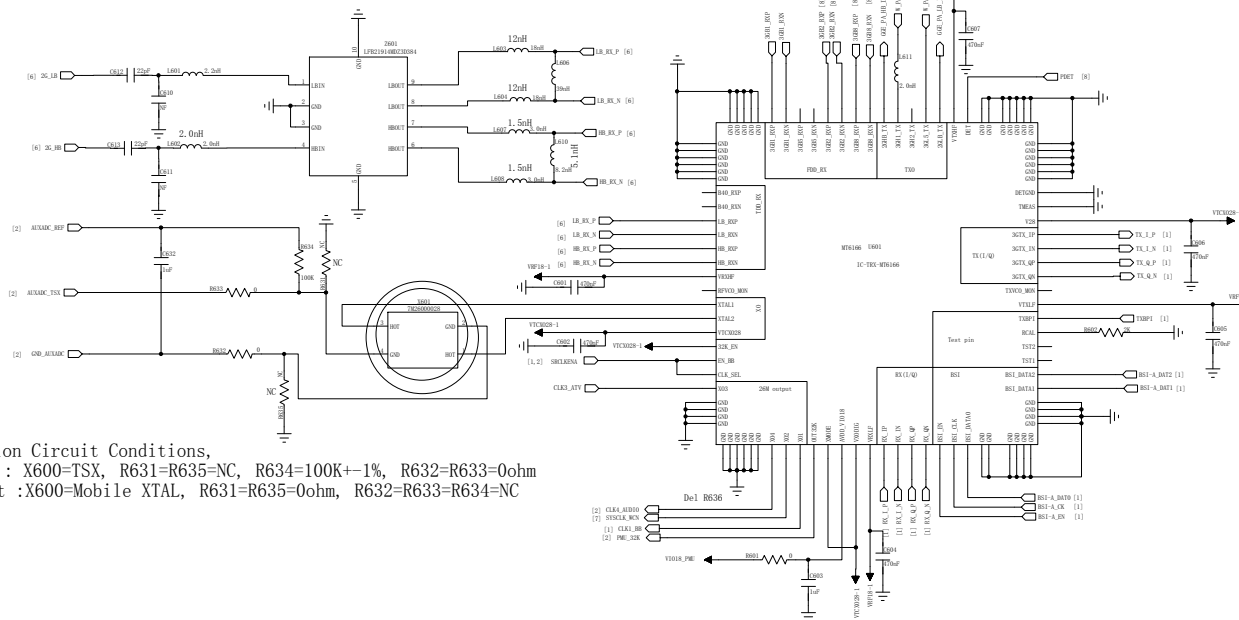


M-Sensor

G-SENSOR

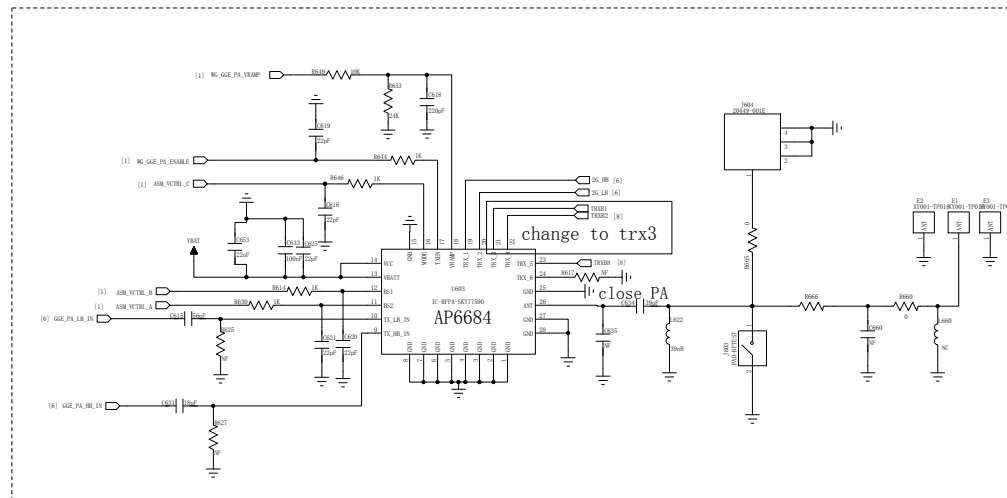
LP SENSOR

| REVISION RECORD |         |           |       |
|-----------------|---------|-----------|-------|
| LTN             | REV NO. | APPROVED: | DATE: |
|                 |         |           |       |
|                 |         |           |       |
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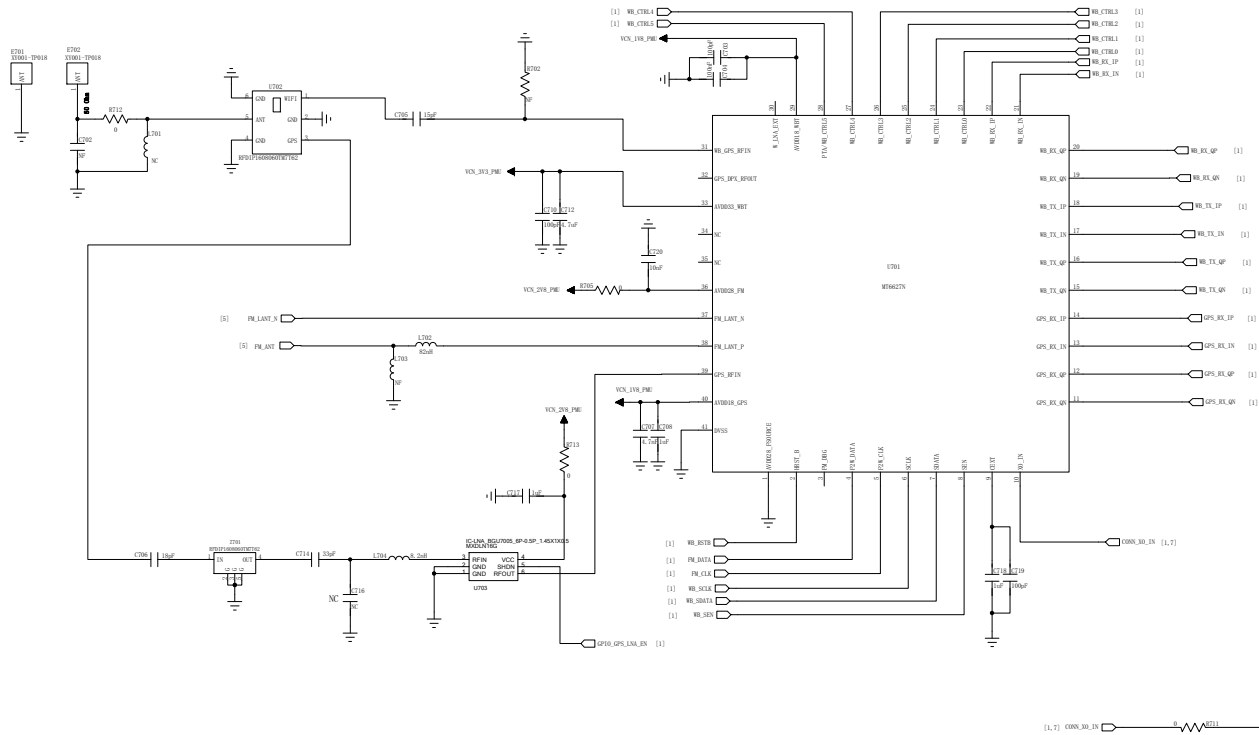
Two Application Circuit Conditions,  
1. TSX Circuit : X600=TSX, R631=R635=NC, R634=100K+-1%, R632=R633=0ohm  
2. XTAL Circuit :X600=Mobile XTAL, R631=R635=0ohm, R632=R633=R634=NC

## TRANSCEIVER\_MT6166



|                  |       |                |       |
|------------------|-------|----------------|-------|
| COMPANY:         |       | TITLE:         |       |
| GZY              |       | Y729_MAIN_V1.0 |       |
| CHECKED:         | DATE: | CORE:          | SIZE: |
| QUALITY CONTROL: | DATE: | DRAWING NO:    |       |
| RELEASED:        | DATE: | REV:           |       |
| SCALE:           |       | SHEET: 6 of 9  |       |

| REVISION RECORD |         |           |       |
|-----------------|---------|-----------|-------|
| LTN             | REV NO. | APPROVED: | DATE: |
|                 |         |           |       |
|                 |         |           |       |
|                 |         |           |       |



|                              |                 |             |               |
|------------------------------|-----------------|-------------|---------------|
| COMPANY:                     |                 |             |               |
| TITLE:<br><br>Y729_MAIN_V1.0 |                 |             |               |
| CODE:                        | SIZE:<br><br>A1 | DRAWING NO: | REV:          |
| SCALE:                       |                 |             | SHEET: 8 OF 9 |

