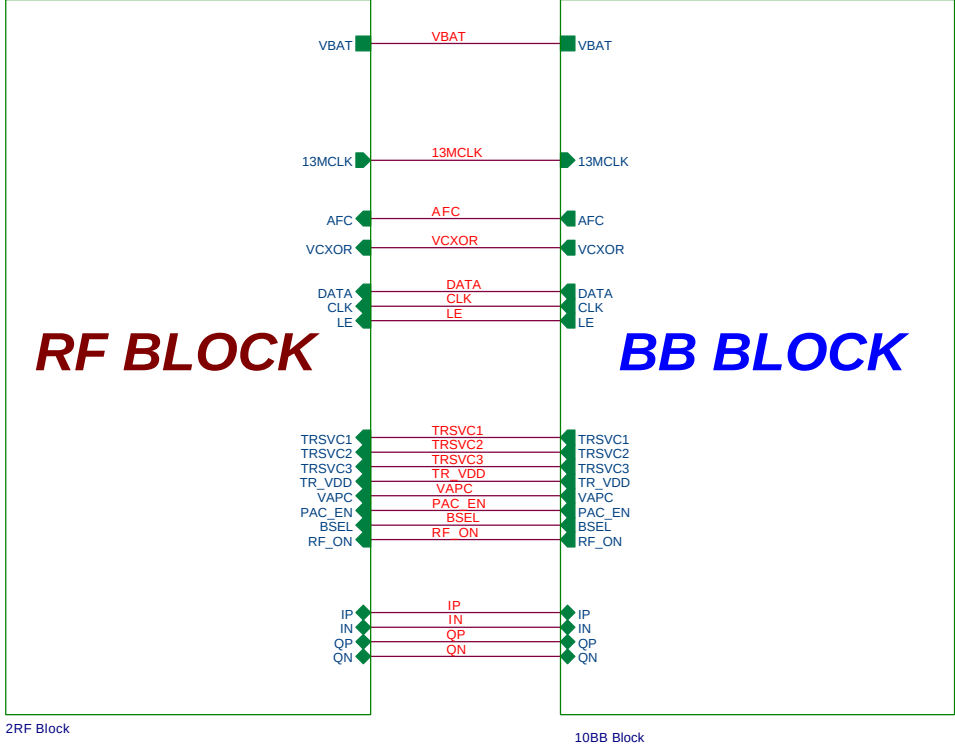
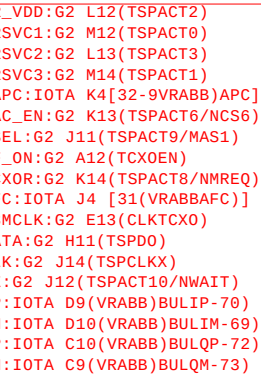




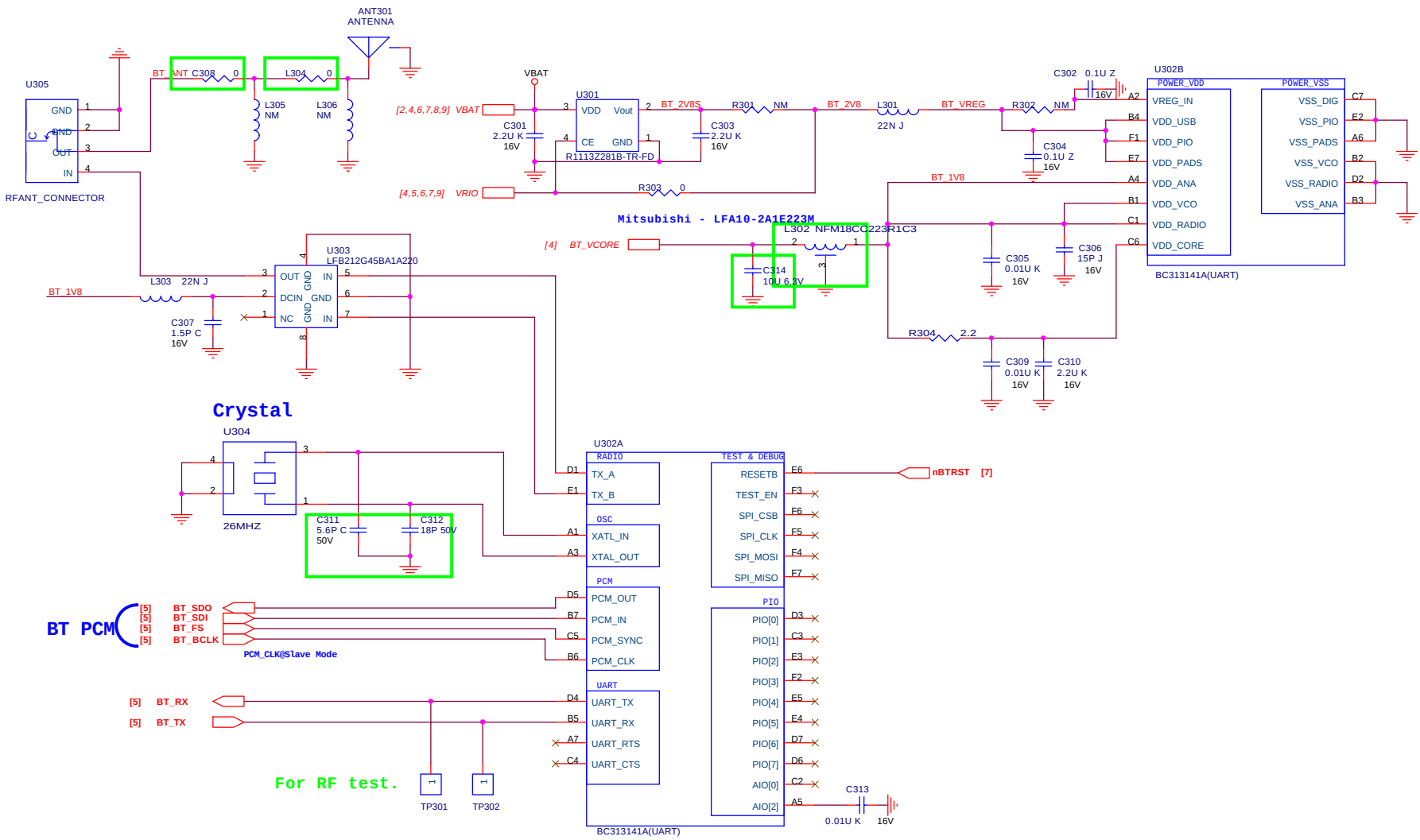
| BenQ Corporation                   |                         |                                      |                                            |                                       |
|------------------------------------|-------------------------|--------------------------------------|--------------------------------------------|---------------------------------------|
| Project Code<br>9J.G0S21.001       |                         | Model Name<br>CUPS1A                 |                                            | OEM/ODM Model Name<br>Cupid           |
| Title<br>Main Block                |                         |                                      |                                            |                                       |
| Size<br><Size>                     | PCB P/N<br>4H.G0S21.S01 | PCB Rev.<br>LPR3                     | Document Number<br>9J.G0S21.000.C2.204.001 | Rev.<br>0                             |
| Date: 星期六, 十二月 17, 2005            |                         |                                      | Sheet<br>1                                 | of 10                                 |
| Prepared By<br>Frank Yan, Kimi Lee |                         | Reviewed By<br>Dennis Wu, Garry Wang |                                            | Approved By<br>Hook Chen, Jerry L Liu |

Power Supply voltage: 2.8 V  
RX Current Consumption: 76 mA  
TX Current Consumption: 144 mA  
VCXO Current Consumption: 2.73 mA



|           | Rx Full |      |      | Tx Full |      |      |            |         |         |         |
|-----------|---------|------|------|---------|------|------|------------|---------|---------|---------|
| B6E Pin   | EGSM    | DCS  | PCS  | EGSM    | DCS  | PCS  | T/R SW Pin | TRSV C1 | TRSV C2 | TRSV C3 |
| B3        | 9.5     | 9.7  | 9.7  | 0.0     | 0.0  | 0.0  | EGSM Tx    | L       | L       | L       |
| A3        | 5.4     | 7.5  | 8.1  | 0.0     | 0.0  | 0.0  | DCS Tx     | L       | L       | H       |
| A6        | 10.9    | 12.7 | 12.8 | 7.2     | 7.0  | 7.0  | PCS Tx     | L       | L       | H       |
| B6        | 16.0    | 16.0 | 16.0 | 16.0    | 16.0 | 16.0 | DCS Rx     | L       | H       | L       |
| A7        | 13.2    | 13.1 | 13.2 | 0.0     | 0.0  | 0.0  | PCS        | L       | H       | H       |
| A8        | 5.9     | 5.9  | 5.9  | 5.9     | 5.9  | 5.9  | EGSM Rx    | H       | L       | H       |
| A9        | 0.0     | 0.0  | 0.0  | 0.0     | 0.0  | 0.0  |            |         |         |         |
| E9        | 1.8     | 1.8  | 1.8  | 1.8     | 1.8  | 1.8  |            |         |         |         |
| G8        | 0.0     | 0.0  | 0.0  | 4.1     | 4.1  | 4.1  |            |         |         |         |
| H6        | 0.0     | 0.0  | 0.0  | 8.8     | 8.8  | 8.8  |            |         |         |         |
| J3        | 0.0     | 0.0  | 0.0  | 52      | 37   | 37   |            |         |         |         |
| J2        | 0.0     | 0.0  | 0.0  | 11.9    | 10.9 | 10.7 |            |         |         |         |
| Total(mA) | 62.8    | 66.7 | 67.5 | 107.7   | 91.5 | 91.3 |            |         |         |         |

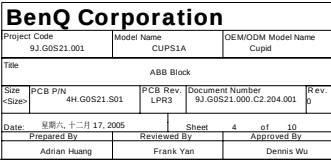
|                              |                         |                       |                                            |                             |
|------------------------------|-------------------------|-----------------------|--------------------------------------------|-----------------------------|
| <b>BenQ Corporation</b>      |                         |                       |                                            |                             |
| Project Code<br>9J.G0S21.001 |                         | Model Name<br>C UPS1A |                                            | OEM/ODM Model Name<br>Cupid |
| Title<br>RF Block            |                         |                       |                                            |                             |
| Size<br><Size>               | PCB P/N<br>4H.G0S21.S01 | PCB Rev.<br>LPR3      | Document Number<br>9J.G0S21.000 C2.204.001 | Rev.<br>0                   |
| Date: 星期二 十二月 17, 2005       |                         |                       |                                            |                             |
| Prepared By<br>Kimi Lee      |                         | Sheet<br>2            | of 10<br>Reviewed By<br>Garry Wang         |                             |



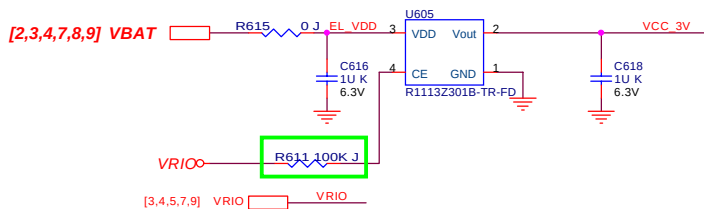
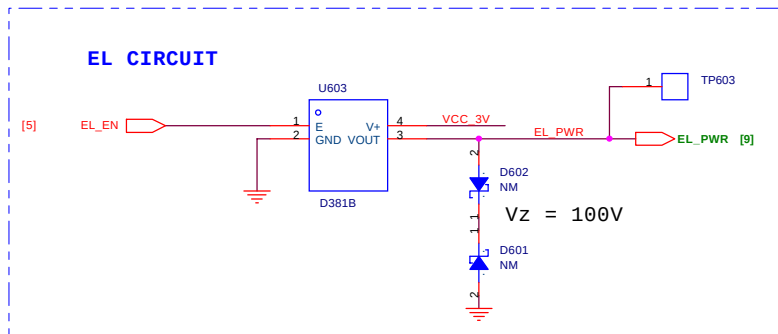
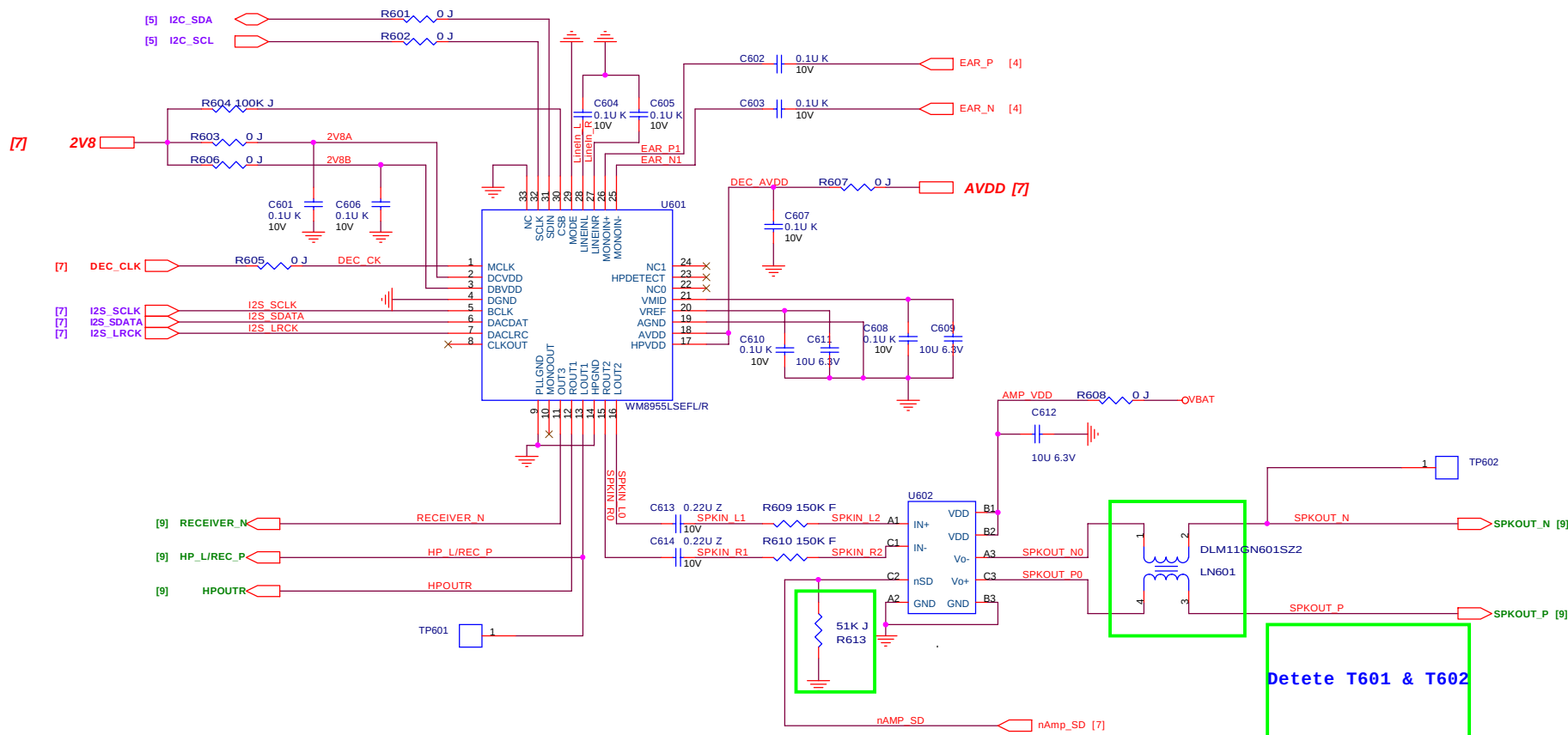
|                 | U301   | R301 | L301 | R302 | R303 | L302   | C301 | C303 |
|-----------------|--------|------|------|------|------|--------|------|------|
| LDO Power       | 2V8LDO | 0    | 22N  | 0    | NM   | NM     | 2.2U | 2.2U |
| Switching Power | NM     | NM   | 0    | NM   | 0    | Filter | NM   | NM   |

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|                              |                                            |                             |
|------------------------------|--------------------------------------------|-----------------------------|
| Project Code<br>9J.G0S21.001 | Model Name<br>CUPS1A                       | OEM/ODM Model Name<br>Cupid |
| Title<br>Blue Tooth Block    |                                            |                             |
| Size<br><Size>               | PCB P/N<br>4H.G0S21.S01                    | PCB Rev.<br>LPR3            |
|                              | Document Number<br>9J.G0S21.000.C2.204.001 | Rev.<br>0                   |
| Date:<br>星期六, 十二月 17, 2005   | Sheet<br>3                                 | of<br>10                    |
| Prepared By<br>Goldberg Wang | Reviewed By<br>Frank Yan                   | Approved By<br>Garry Wang   |

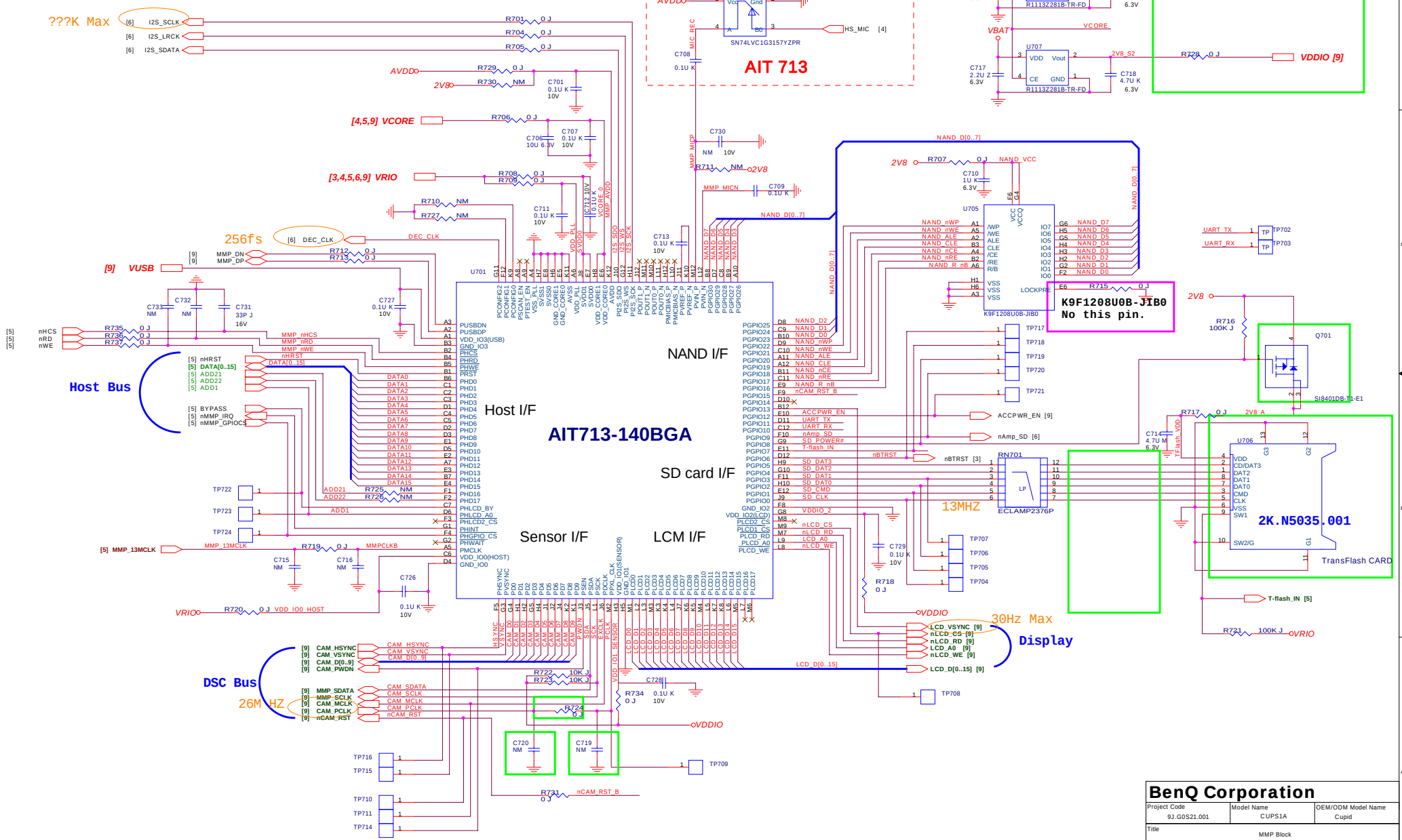
[illegible]





| BenQ Corporation |                   |             |                         |
|------------------|-------------------|-------------|-------------------------|
| Project Code     |                   | Model Name  | OEM/ODM Model Name      |
| 9J.G0S21.001     |                   | CUPS1A      | Cupid                   |
| Title            |                   |             |                         |
| Audio            |                   |             |                         |
| Size             | PCB P/N           | PCB Rev.    | Document Number         |
| <Size>           | 4H.G0S21.S01      | LPR3        | 9J.G0S21.000.C2.204.001 |
| Date:            | 星期六, 十二月 17, 2005 | Sheet       | 6 of 10                 |
| Prepared By      | Reviewed By       | Approved By |                         |
| Adrian Huang     | Frank Yan         | Dennis Wu   |                         |

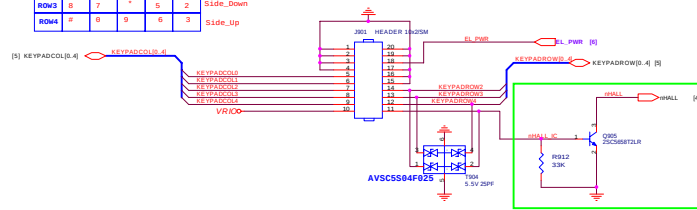
|         |       |       |      |      |       |       |       |       |      |
|---------|-------|-------|------|------|-------|-------|-------|-------|------|
|         | R711  | C709  | C708 | U703 | R729  | R730  | R703  | R728  | C730 |
| AIT 715 | 0 Ohm | 0 Ohm | NM   | NM   | NM    | 0 Ohm | NM    | 0 Ohm | 0.1U |
| AIT 713 | NM    | 0.1U  | 0.1U | U703 | 0 Ohm | NM    | 0 Ohm | NM    | NM   |



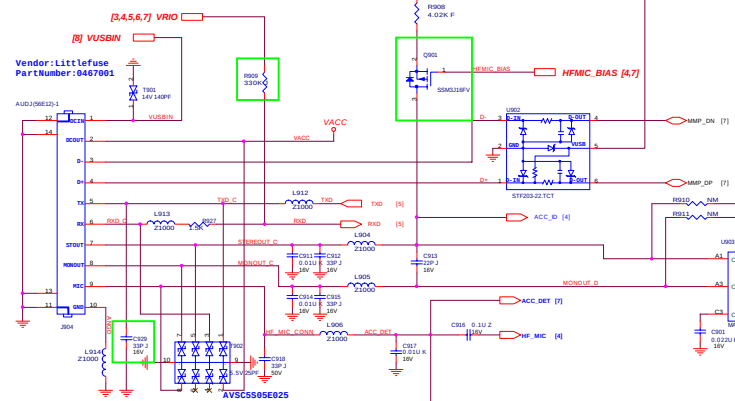
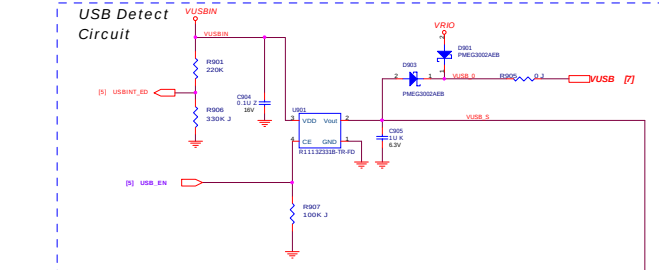
|                                     |                         |                          |                                            |                             |
|-------------------------------------|-------------------------|--------------------------|--------------------------------------------|-----------------------------|
| <b>BenQ Corporation</b>             |                         |                          |                                            |                             |
| Project Code<br>9J.G0S21.001        |                         | Model Name<br>CUPS1A     |                                            | OEM/ODM Model Name<br>Cupid |
| Title<br>MMP Block                  |                         |                          |                                            |                             |
| Size<br><Size>                      | PCB P/N<br>4H.G0S21.S01 | PCB Rev.<br>LPR3         | Document Number<br>9J.G0S21.000.C2.204.001 | Rev.<br>0                   |
| Date: 星期日 十二月 17, 2005              |                         | Sheet 7 of 10            |                                            |                             |
| Prepared By<br>Adrian Huang, CL Lin |                         | Reviewed By<br>Frank Yan |                                            | Approved By<br>Dennis Wu    |



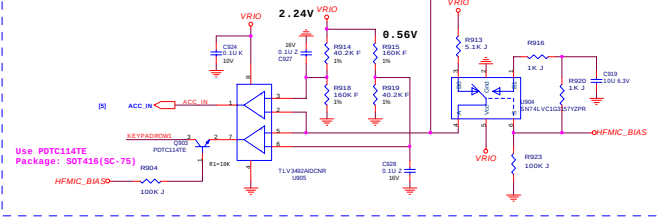
|      | COL0  | COL1 | COL2  | COL3 | COL4 |
|------|-------|------|-------|------|------|
| ROW0 | SEL_1 | UP   | SEL_2 |      |      |
| ROW1 | LEFT  | OK   | RIGHT |      |      |
| ROW2 | SEND  | DOWN |       | 4    | 1    |
| ROW3 | 8     | 7    | *     | 5    | 2    |
| ROW4 | #     | 0    | 9     | 6    | 3    |



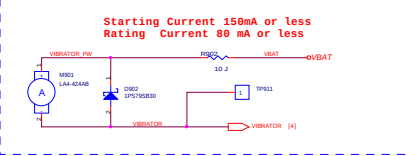
## Circuit



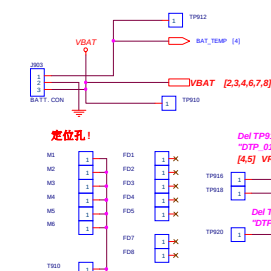
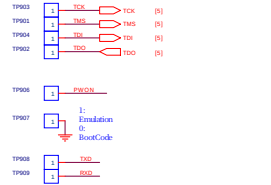
VRIO 2.24V VRIO



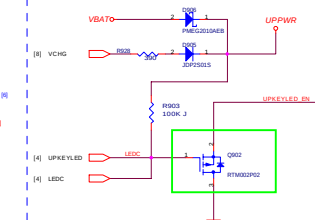
Starting Current 150mA or less  
Rating Current 80 mA or less



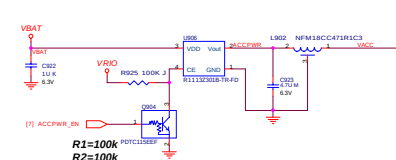
Consider ESD protection



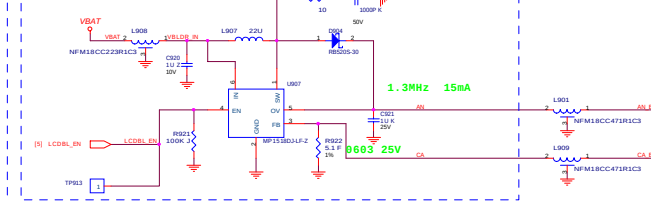
VBATO



VBAT



VBAT 1.008 1.007



|                               |                         |                      |                                             |                            |
|-------------------------------|-------------------------|----------------------|---------------------------------------------|----------------------------|
| <b>BenQ Corporation</b>       |                         |                      |                                             |                            |
| Project Code<br>9.3 G0521.001 |                         | Model Name<br>CUP51A |                                             | DEMOMD Model Name<br>Capid |
| Title<br>Connector Block      |                         |                      |                                             |                            |
| Size                          | PCB P/N<br>4H G0521.501 | PCB Rev.<br>LPE3     | Document Number<br>9.3 G0521.000.C2.204.001 | Rev.<br>B                  |
| Date                          | 星期五, 十二月 17, 2005       |                      | Sheet                                       | 9 of 10                    |
| Prepared By                   |                         | Reviewed By          |                                             | Approved By                |
| C. Lin                        |                         | Frank Yan            |                                             | Dennis Wu                  |

