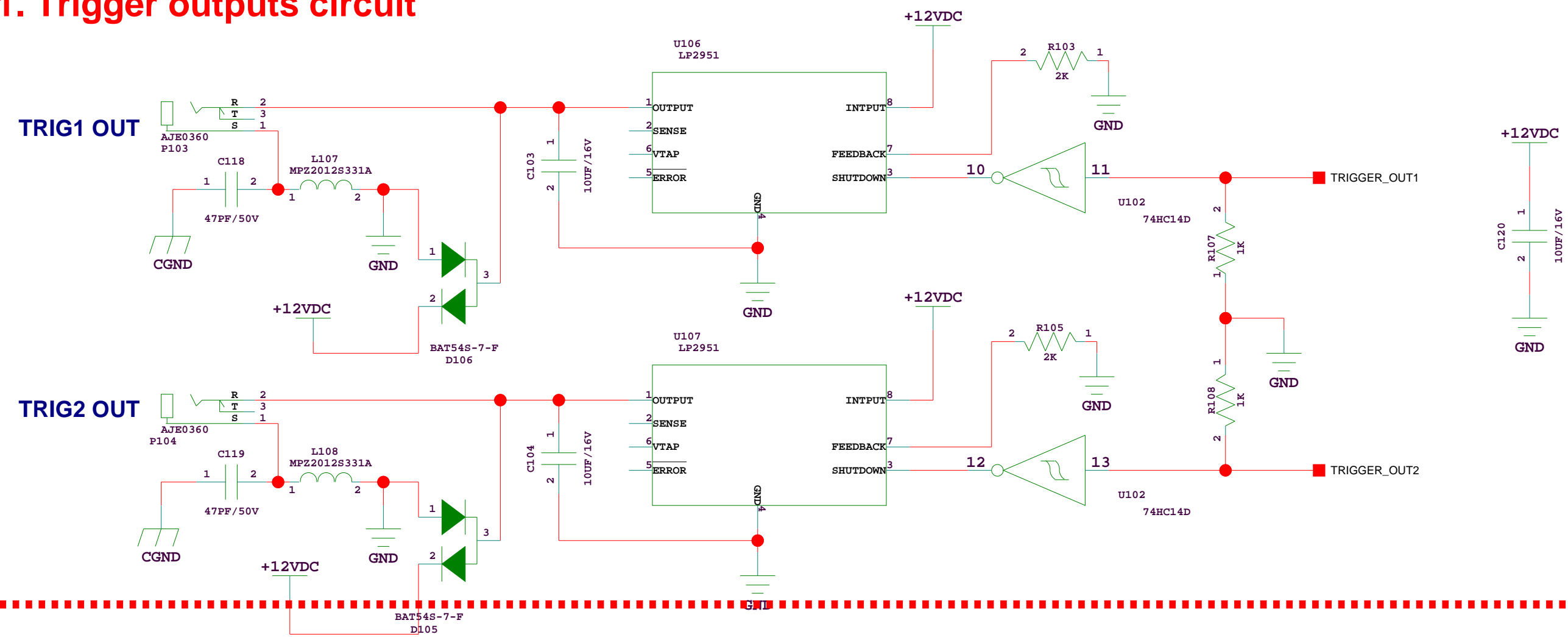
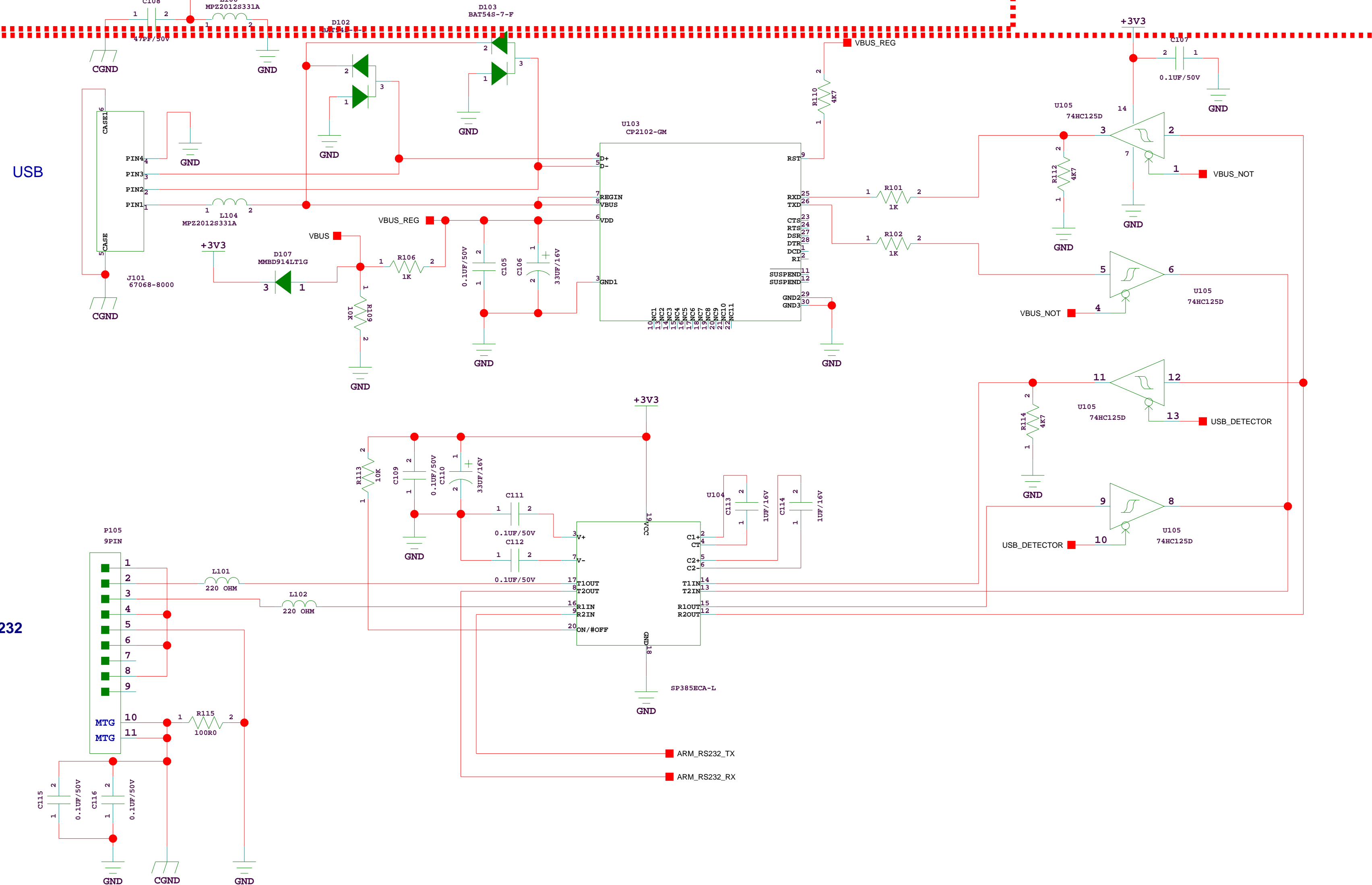
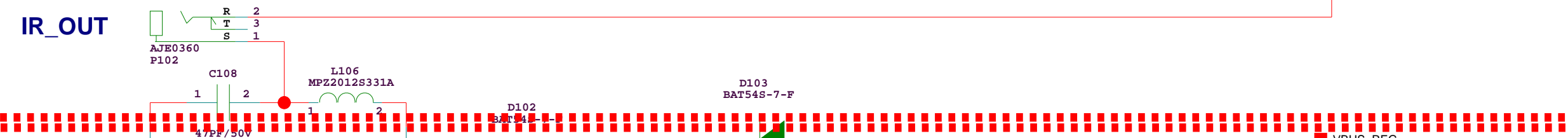
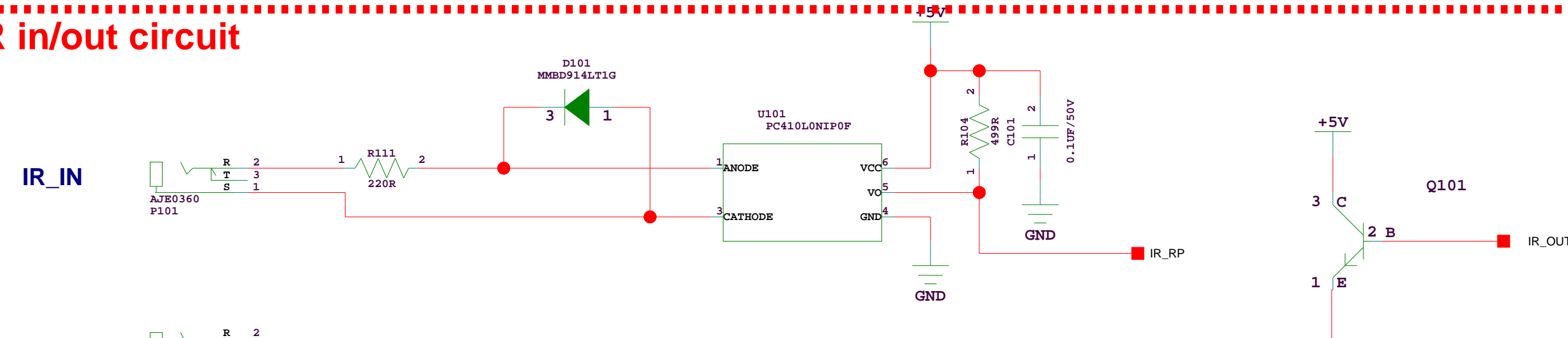


## 1. Trigger outputs circuit

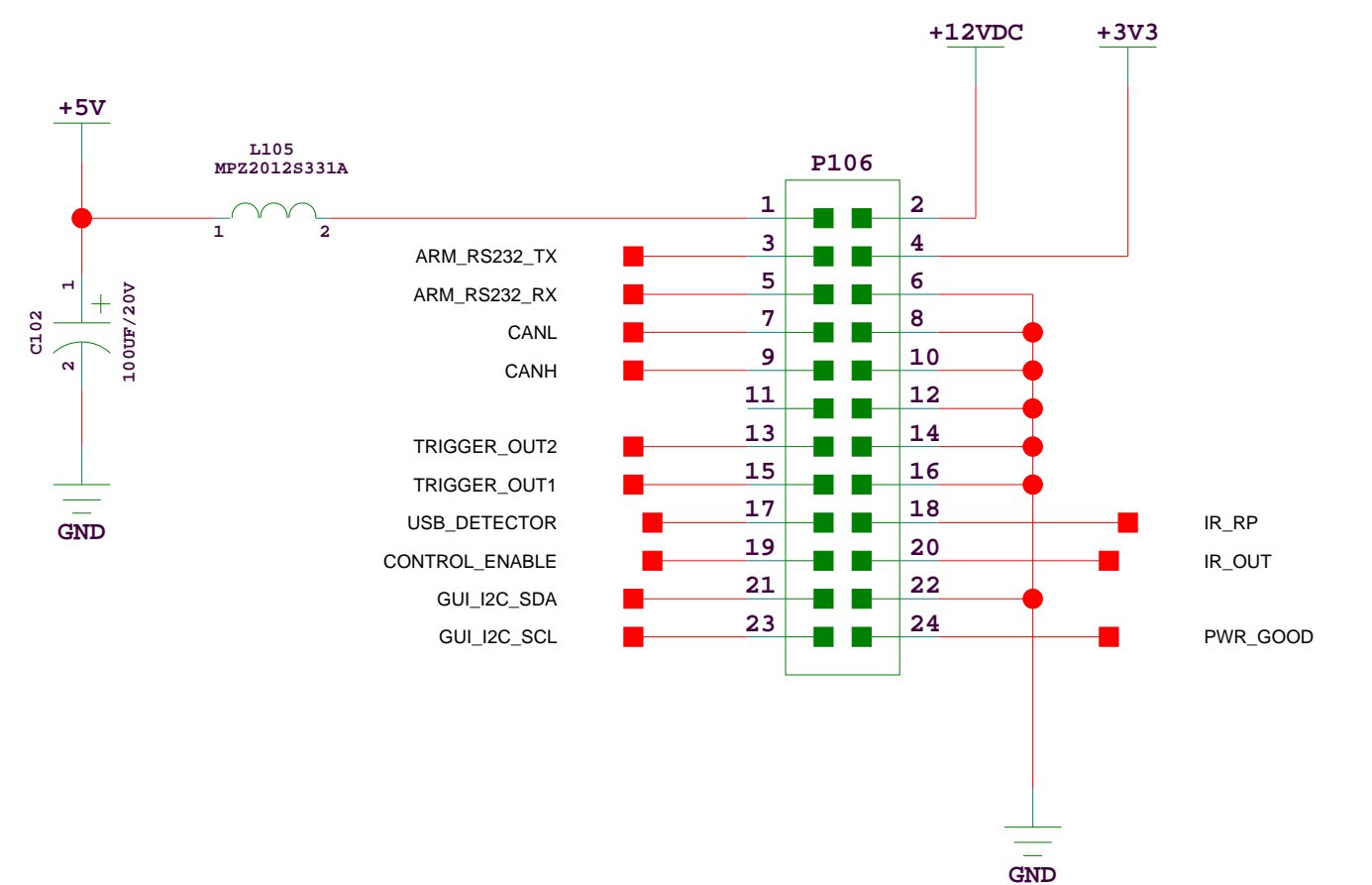


## 2. IR in/out circuit

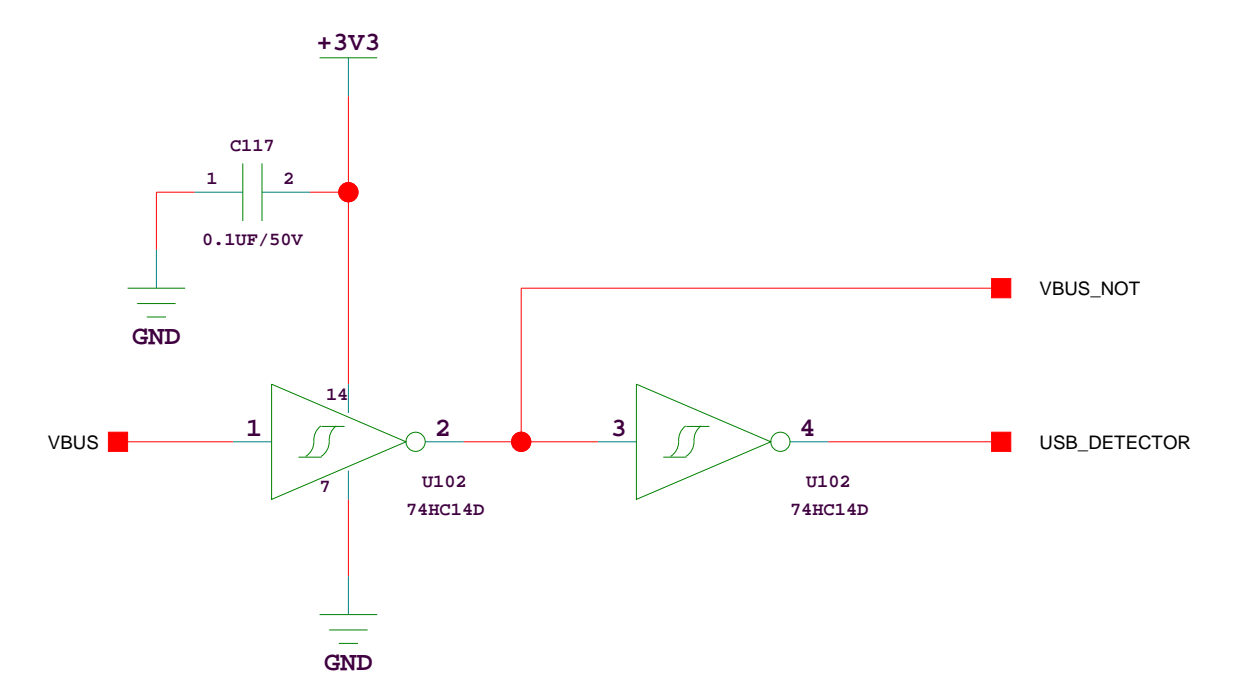


### 3. RS-232 and USB shared communication lines

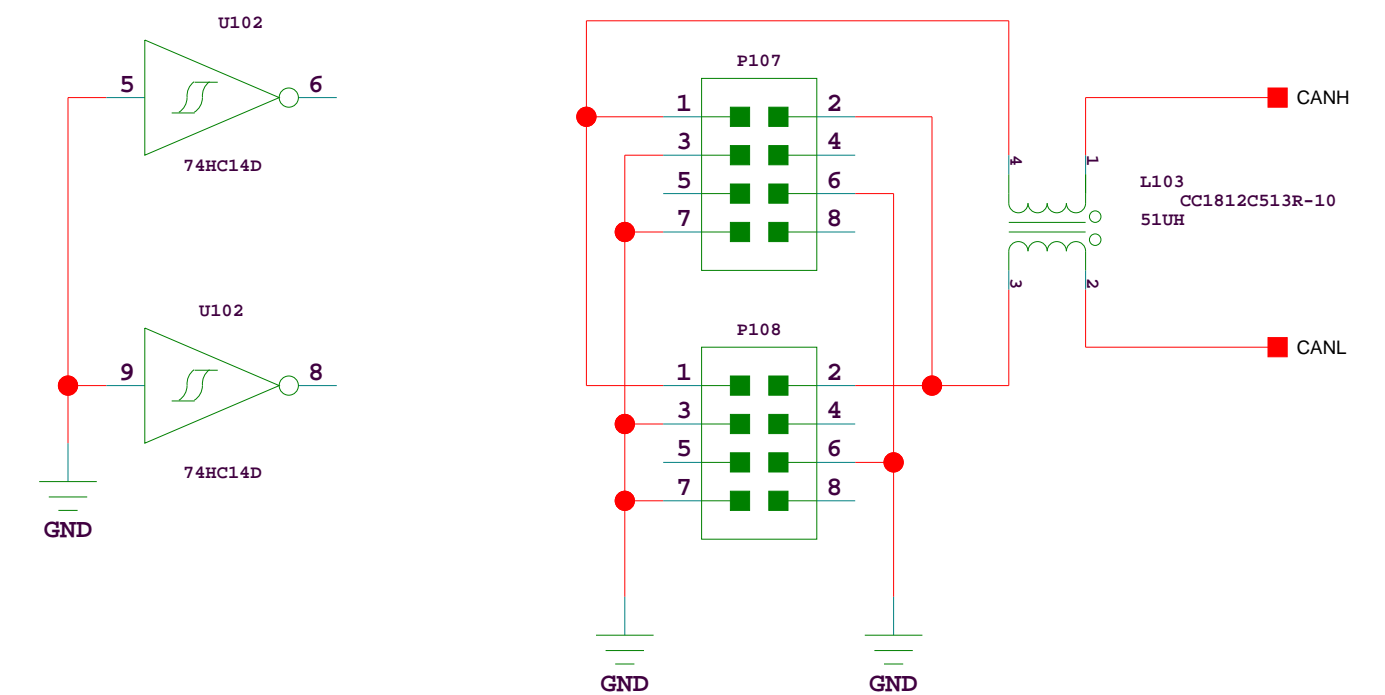
**- From / To MotherBoard (R6704) P104**




#### 4. USB detection / Tx / Rx logic circuit

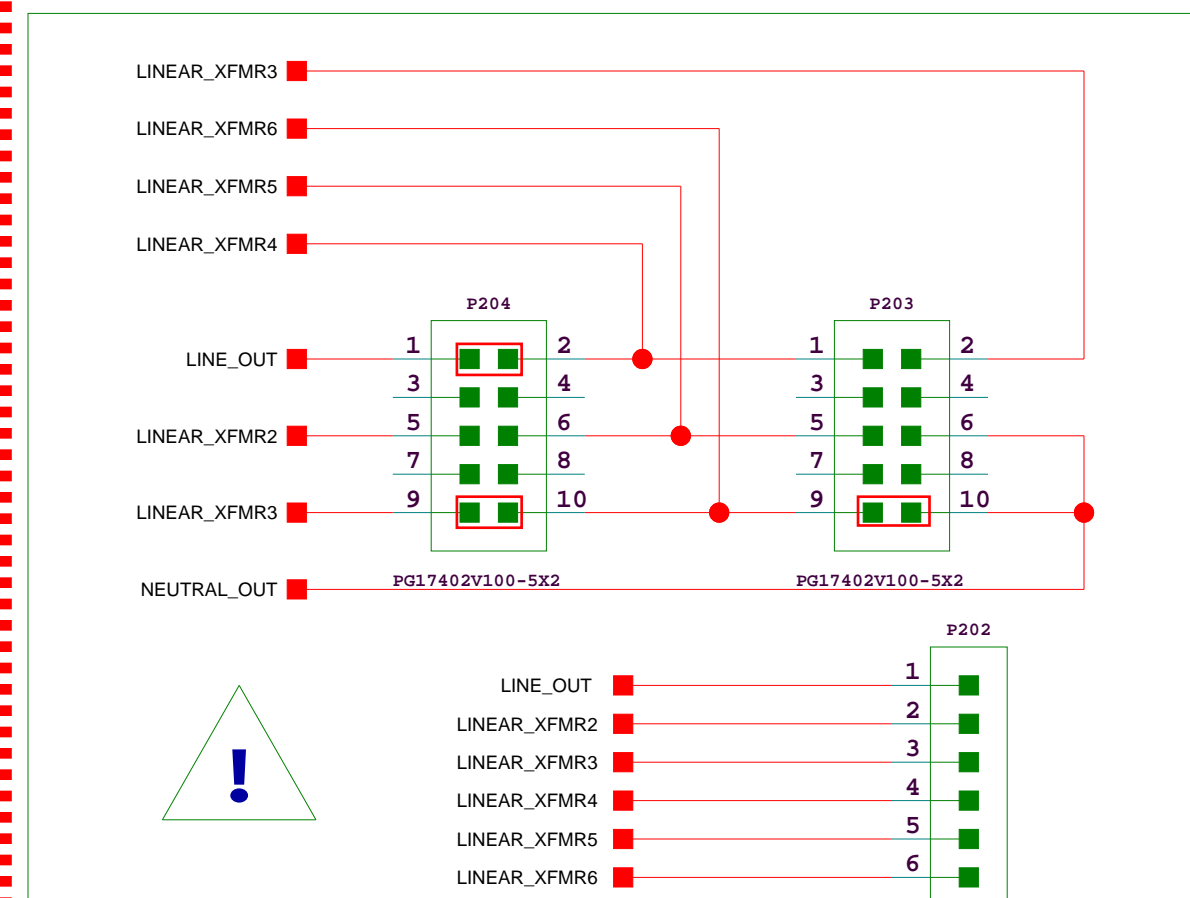
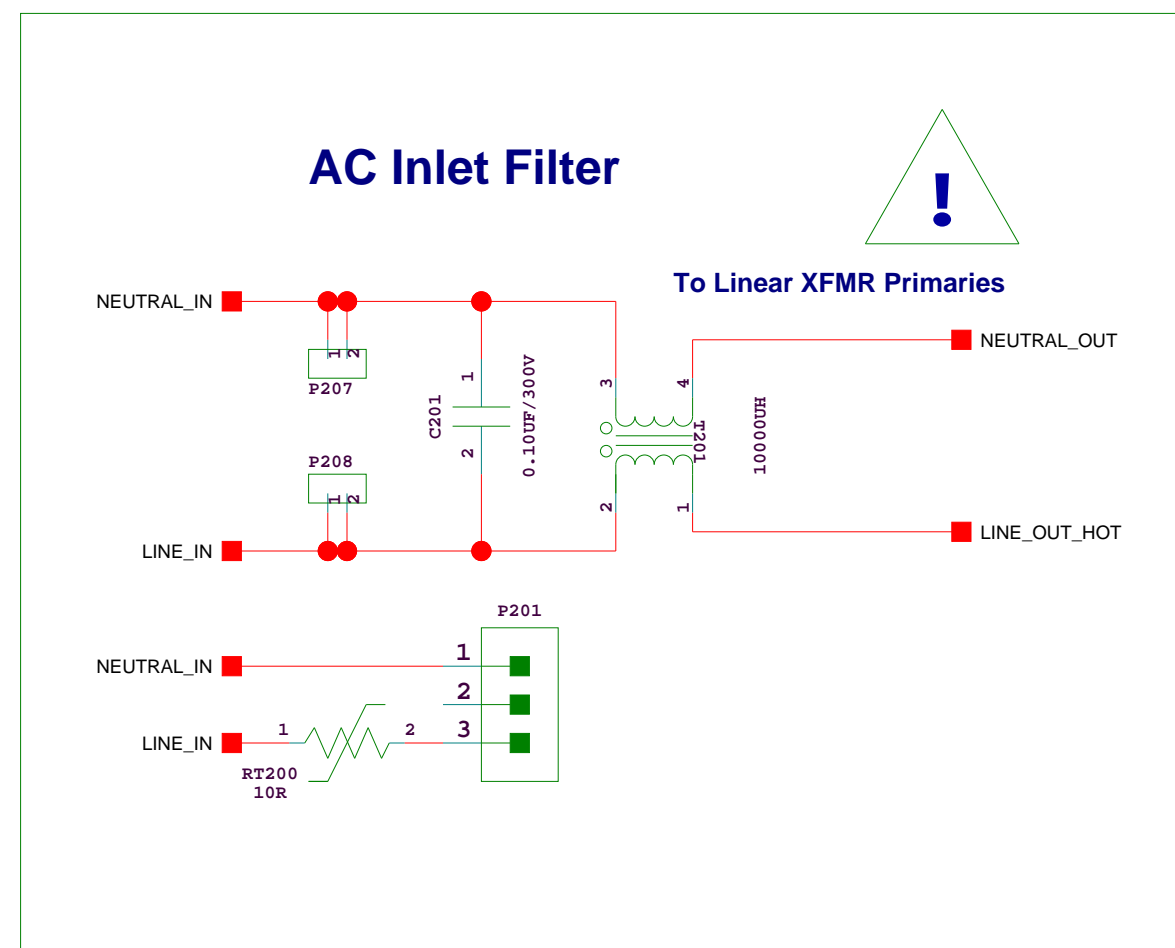


## 5. CAN BUS connectors / Choke circuit

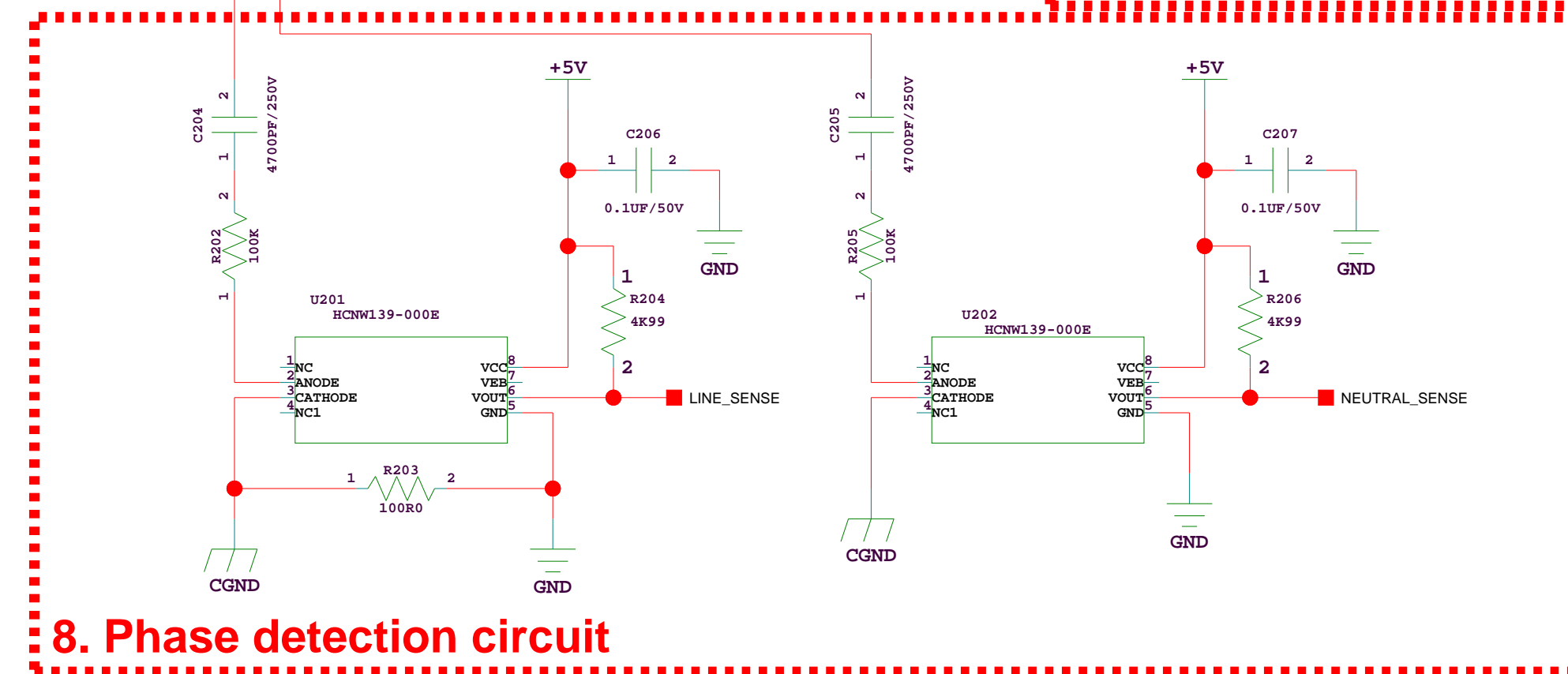


|  |              |                 |
|--|--------------|-----------------|
| <div style="text-align: center;">  </div> |              |                 |
| <div style="text-align: center;"> <h1>R6705-04-02S</h1> </div>   |              |                 |
| SIZE<br>D  | DWG NO       | REV<br>0        |
| SCALE  | SHEET 1 of 3 | 2-23-2012 10:24 |

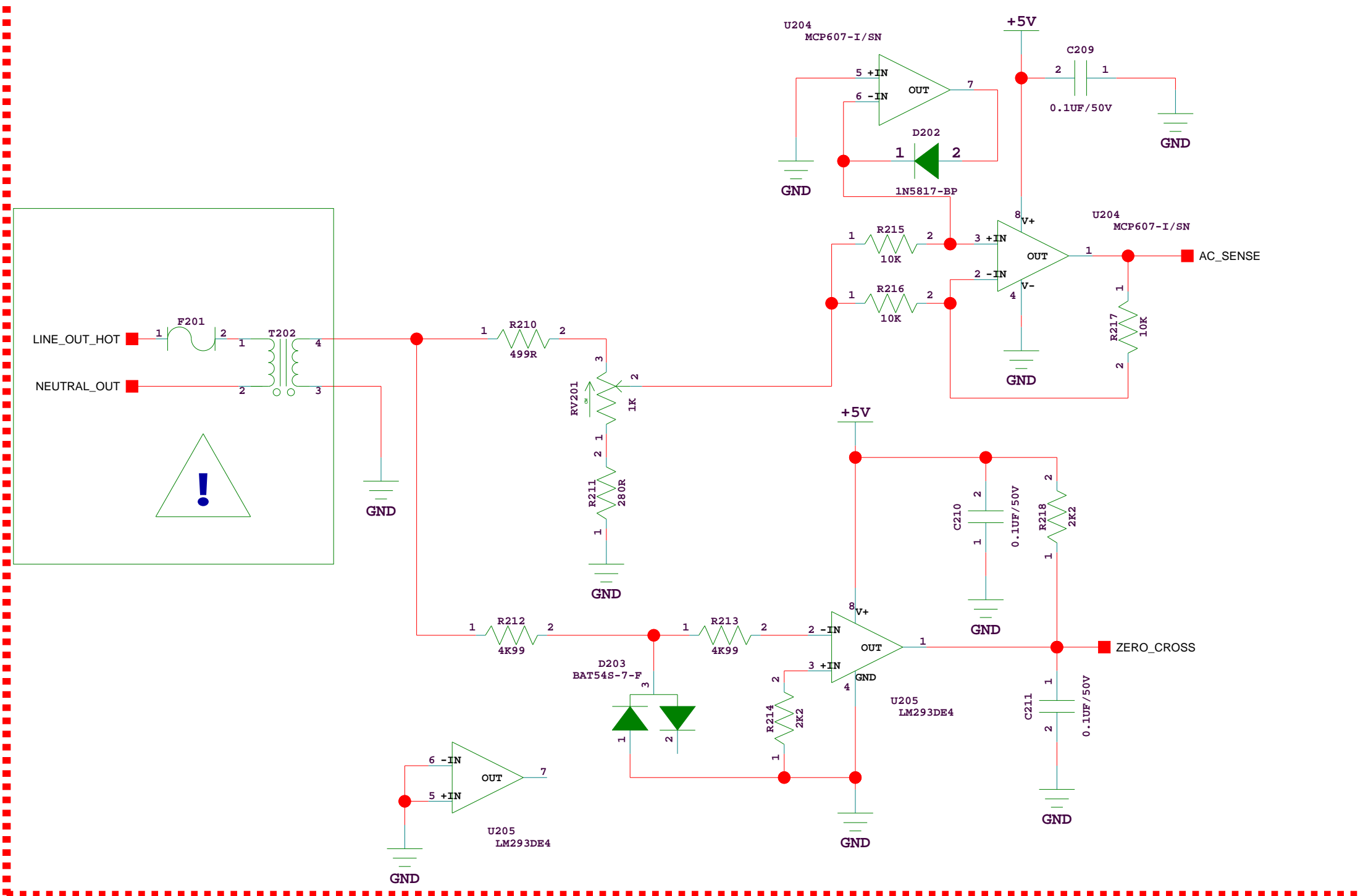
## 6. AC Filter



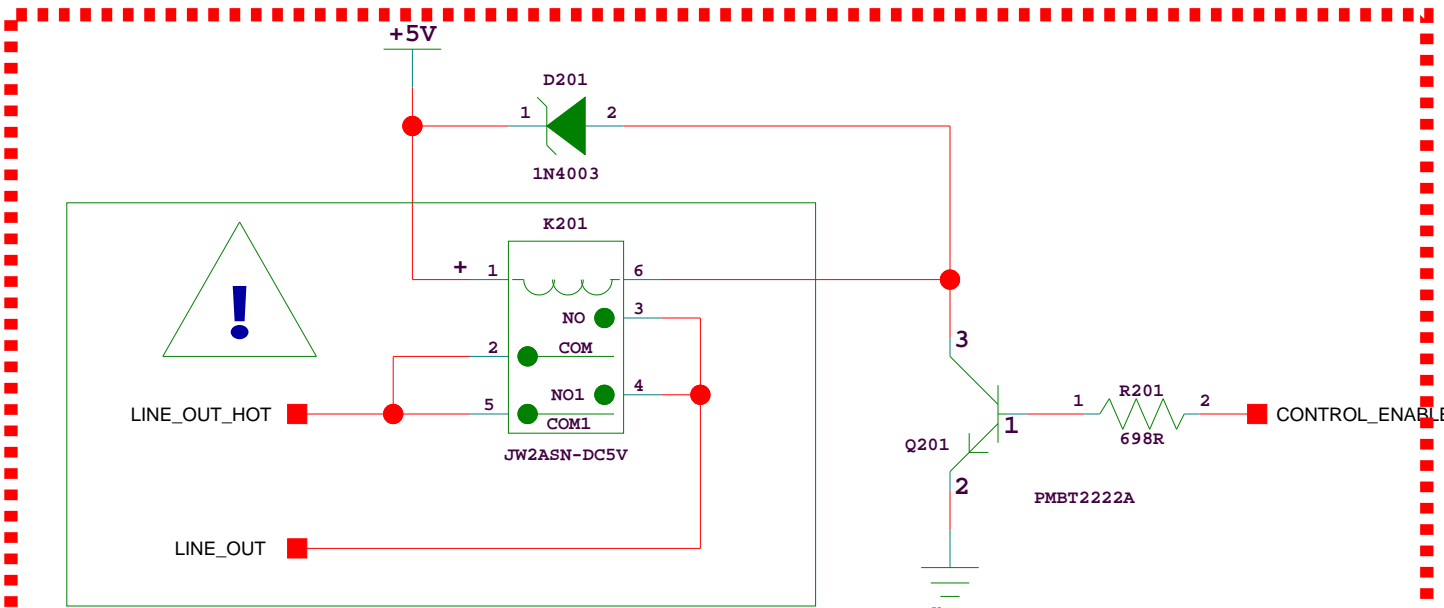
## 7. Analog audio transformer voltage setting



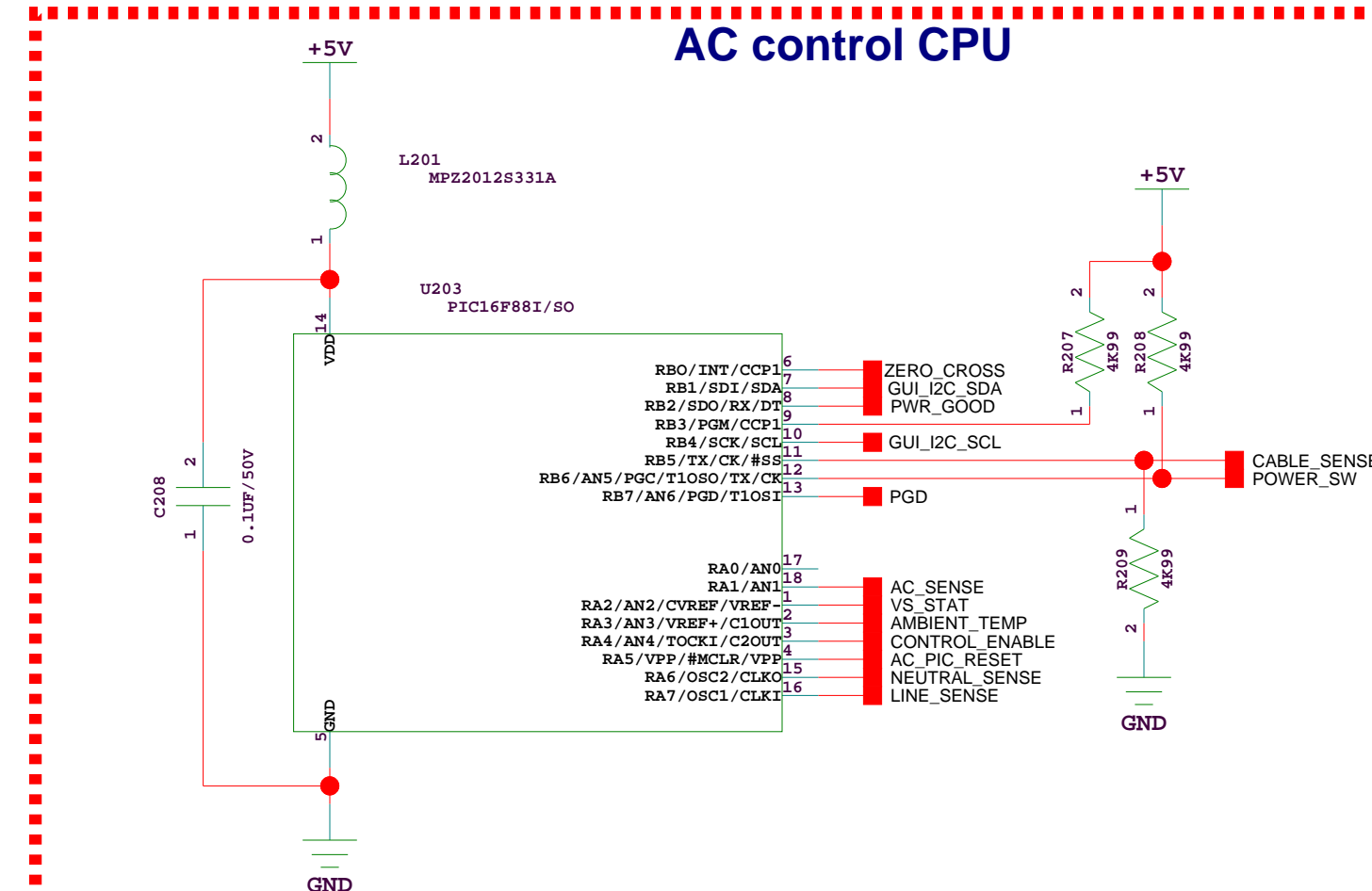
## 9. Voltage sense and frequency detection circuit circuit



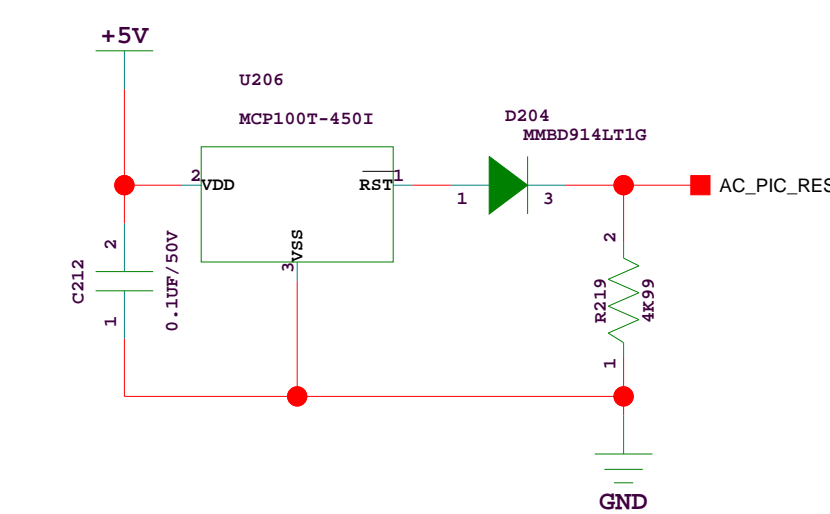
## 10. Main power relay



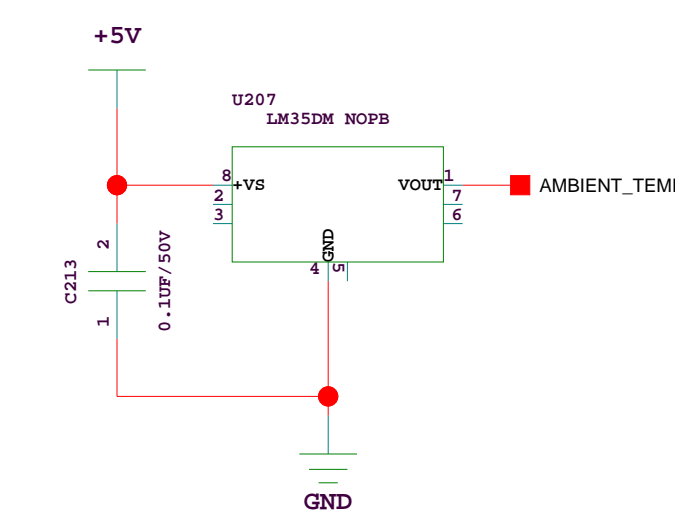
**AC control CPU**



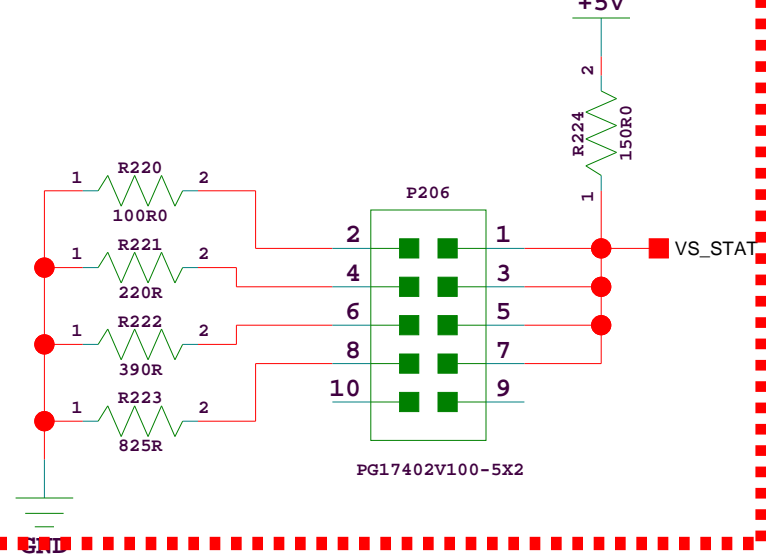
## 11. Phase detection circuit



### 13. Ambient temp sensor



## 14. Mains voltage selection



| Clase          | Part#       | Mfg               | Mfg Part# | Location         |
|----------------|-------------|-------------------|-----------|------------------|
| G207-1004-XR00 | API DELAVAN | C20111R-106       |           | T201             |
| G201-1297-XR00 | MURATA      | DE1E3KX472MB5BA01 |           | C201, C202, C203 |
| G217-1013-XR00 | PANASONIC   | JW2ASW-DCSV       |           | K201             |
| G222-1113-XR00 | FRANSERA    | BV030-7340.0T     |           | T202             |
| G206-1070-XR00 | TYCO        | LYR0058           |           | F201             |
| G203-1367-XR00 | MOLEX       | 26-48-1065        |           | P202             |
| G203-1221-XR00 | SAMTEC      | SSW-105-01-GD     |           | P203, P204       |
| G203-1052-XR00 | MOLEX       | 26-48-1035        |           | P201             |

ECN:

- ECN353 (01/03/2008):

ECN364 (01/21/2008):

ECN392 (04/30/2008):

ECN436 (10/27/2008):

ECN438 (10/30/2008):

ECN479 (03/09/2009):

ECN583 (09/16/2010):
- Add 4x G203-1166-XR00 shunt connectors for BOM inclusion.

Safety and operational (phase) changes to the board layout.

EMI & Safety modifications C202, C203 made N.I.C.

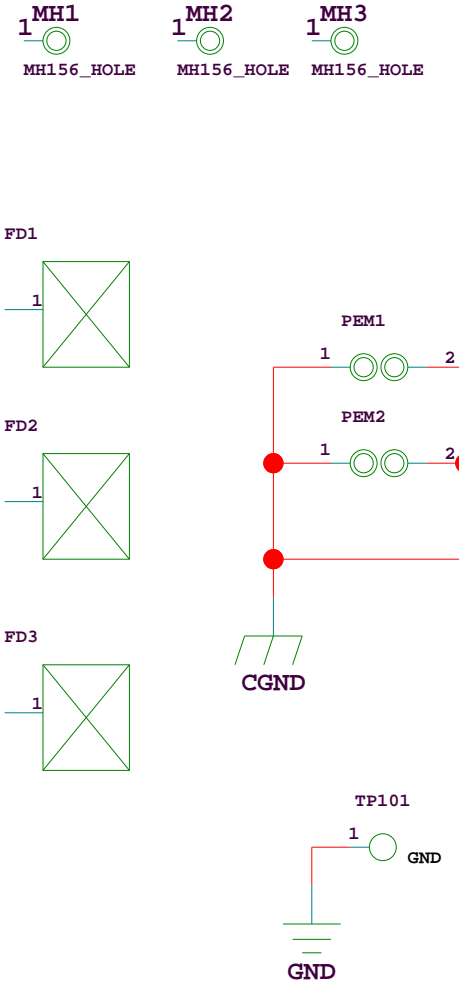
EMI & Safety modifications Add RT200 and fix ground connections on USB connector.

Updated footprints of U103 and U104.

Changed D203 to BAT54S to improve production yields.

Changed P106 to BHR-24-HUA to reduce height for Sias video board.

Changed U206 to MCP100T-450I to reduce likelihood of false resets.



|     |                |   |
|-----|----------------|---|
| PCB | SL074495-04    | PCB DELTA SUP800 CYRM BOARD R6705004      |
| FP1 | G203-1166-XR00 | CONNECTOR SHUNT P 2X1 .100 BLACK GLASS/PC |
| FP2 | G203-1166-XR00 | CONNECTOR SHUNT P 2X1 .100 BLACK GLASS/PC |
| FP3 | G203-1166-XR00 | CONNECTOR SHUNT P 2X1 .100 BLACK GLASS/PC |
| FP4 | G203-1166-XR00 | CONNECTOR SHUNT P 2X1 .100 BLACK GLASS/PC |

TITLE

R6705-04-02S

SIZE

D

DWG NO

REV

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DRAWN BY: R.K.

SCALE

SHEET 3 of 3

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