

# Milwaukee 10M

## PreMP BUILD

2007 0212

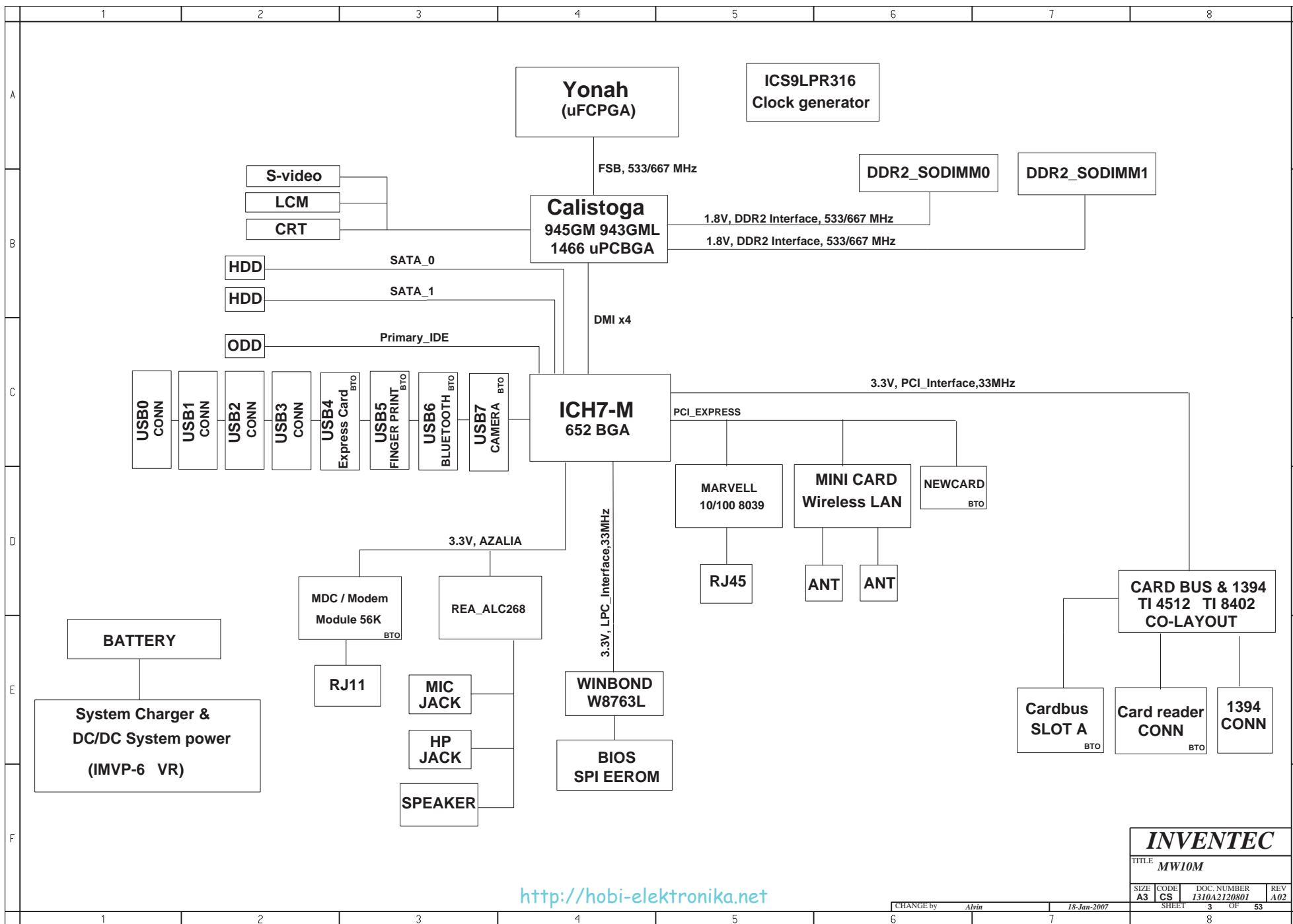
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|      |            |     |
| DATE | CHANGE NO. | REV |

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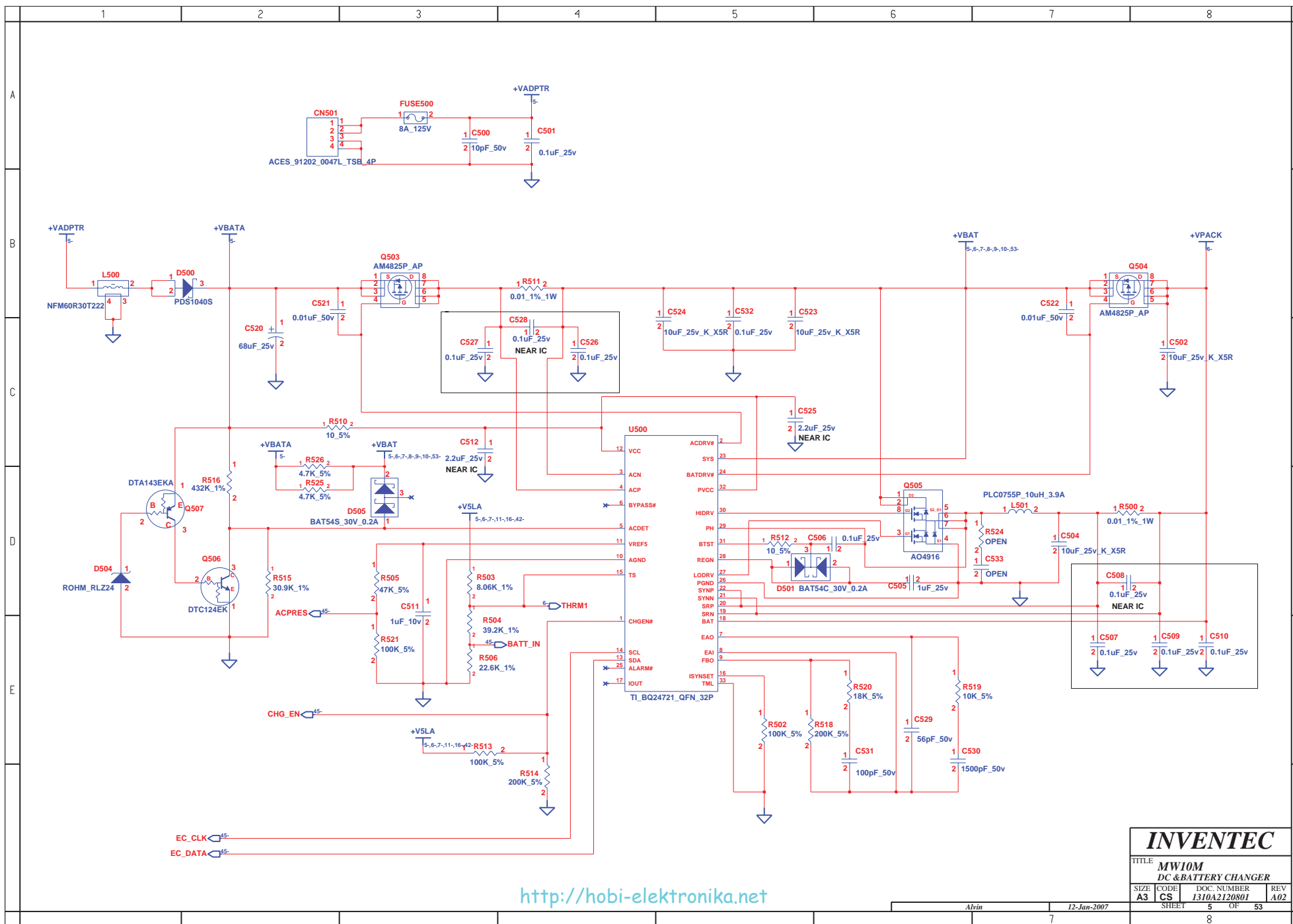
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| DRAWER                     | EE | DATE | POWER | DATE | <b>INVENTEC</b>    |           |                     |            |
| DESIGN                     |    |      |       |      | TITLE <b>MW10M</b> |           |                     |            |
| CHECK                      |    |      |       |      |                    |           |                     |            |
| RESPONSIBLE                |    |      |       |      |                    |           |                     |            |
| SIZE = 3                   |    |      |       |      | SIZE               | CODE      | DOC. NUMBER         | REV        |
| FILE NAME : XXXX-XXXXXX-XX |    |      |       |      | <b>A3</b>          | <b>CS</b> | <b>1310A2120801</b> | <b>A02</b> |
| P/N XXXXXXXXXXXX           |    |      |       |      | SHEET 1 OF 53      |           |                     |            |

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**INVENTEC**

TITLE  
**MW10M  
DC & BATTERY CHANGER**

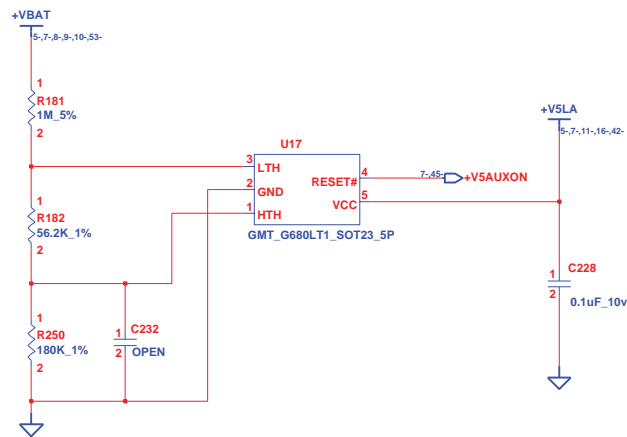
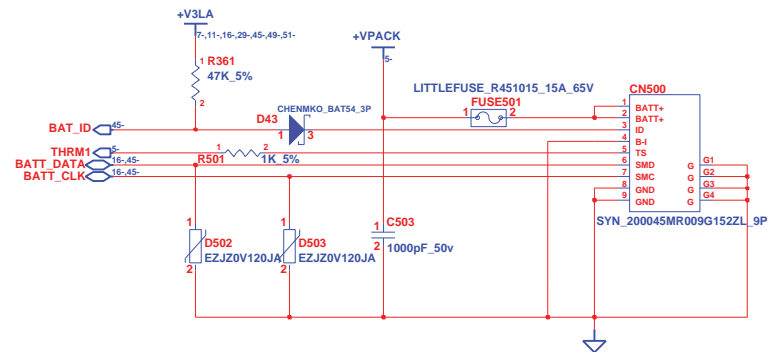
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|-------------------|-------------------|------------------------------------|-------------------|

Alvin 12-Jan-2007

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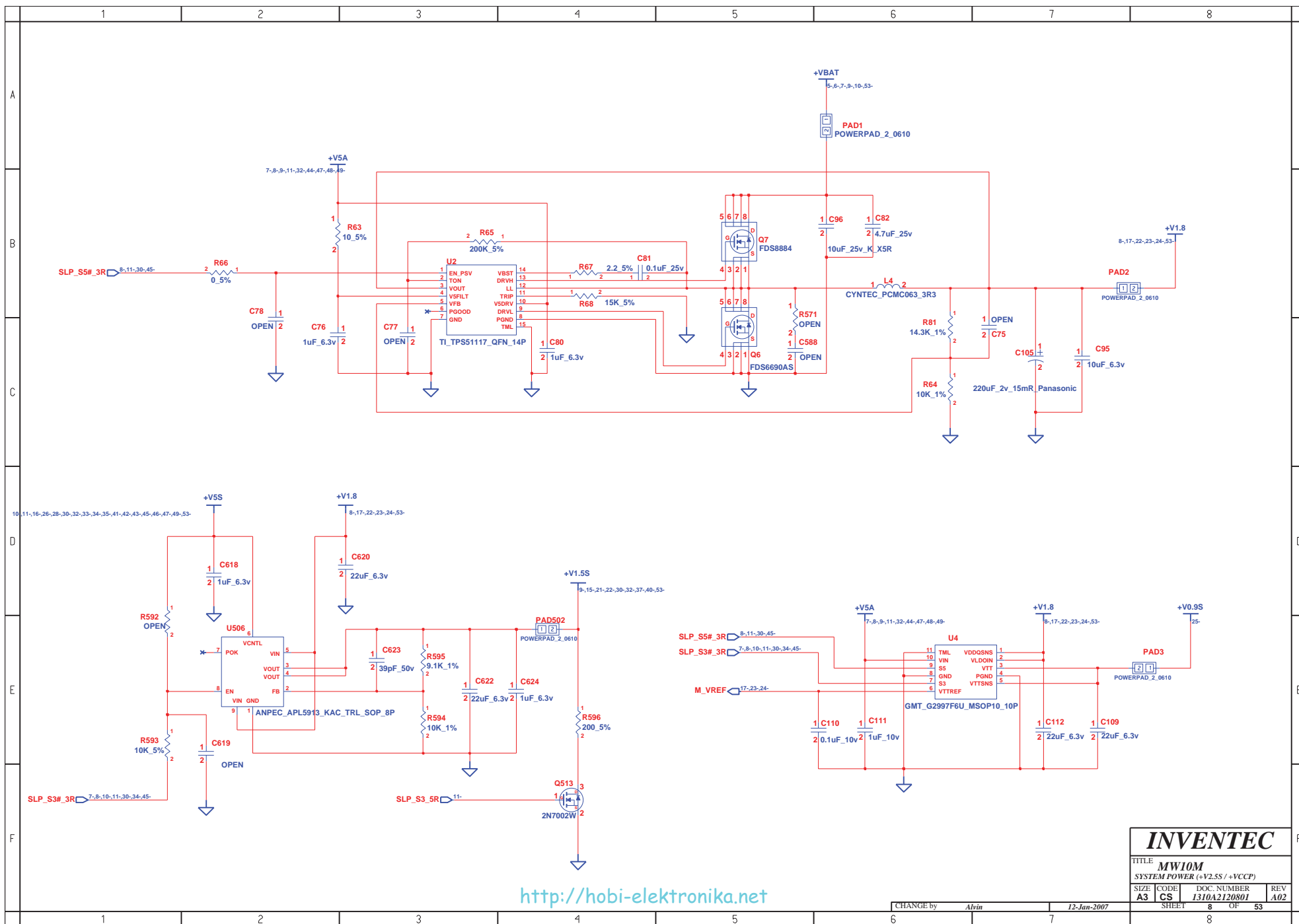
8



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|--------------------------------|------------|-----------------------------|---------------------|
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| SIZE<br>A3                     | CODE<br>CS | DOC. NUMBER<br>1310A2120801 | REV<br>A02          |
| CHANGE by<br>Alvin             |            | 12-Jan-2007                 | SHEET<br>6 OF<br>53 |





**INVENTEC**

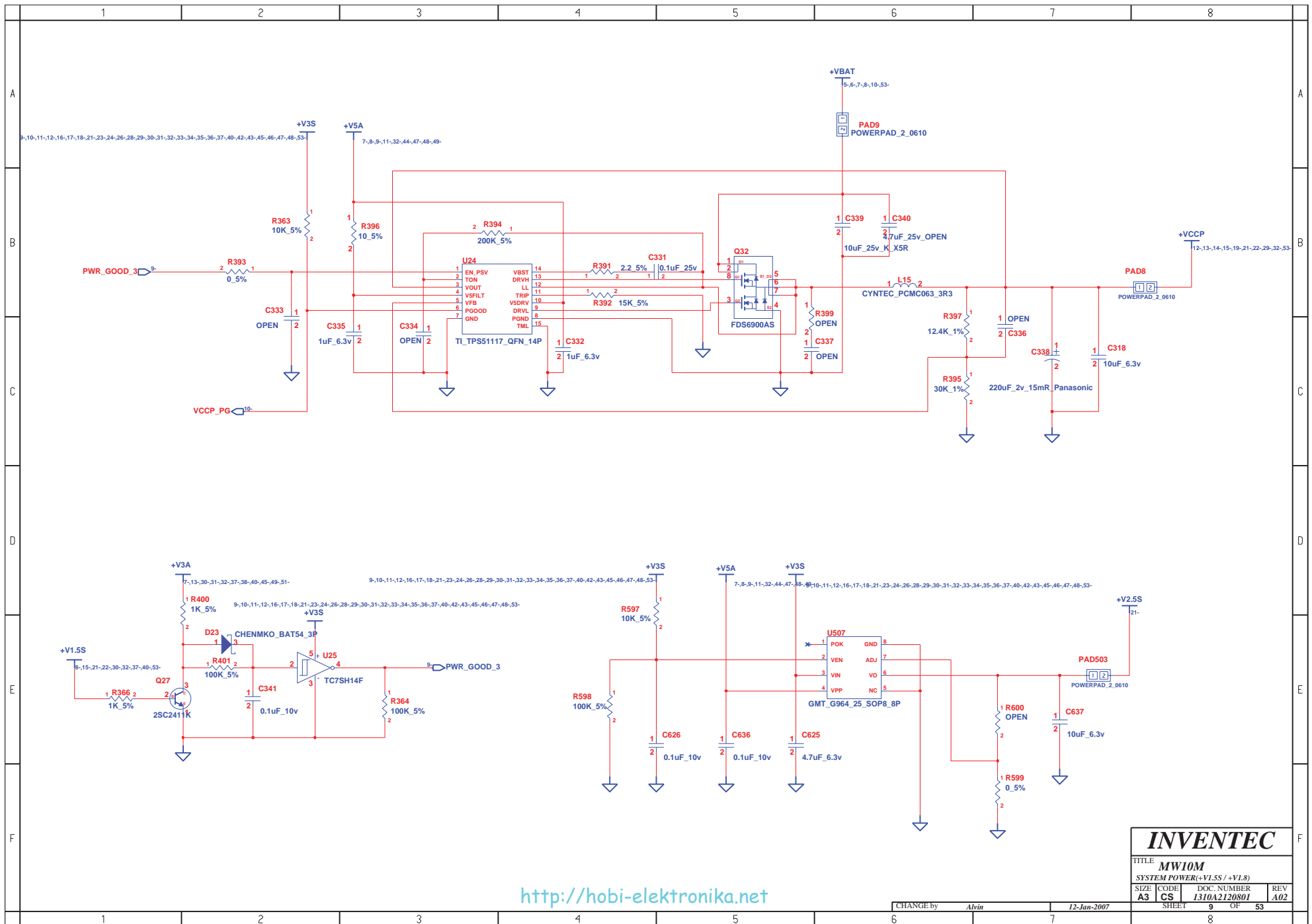
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**MW10M**  
SYSTEM POWER (+V2.55 / +VCCP)

|                   |                   |                                    |                   |
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| SIZE<br><b>A3</b> | CODE<br><b>CS</b> | DOC. NUMBER<br><b>1310A2120801</b> | REV<br><b>A02</b> |
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CHANGE by *Alvin* 12-Jan-2007

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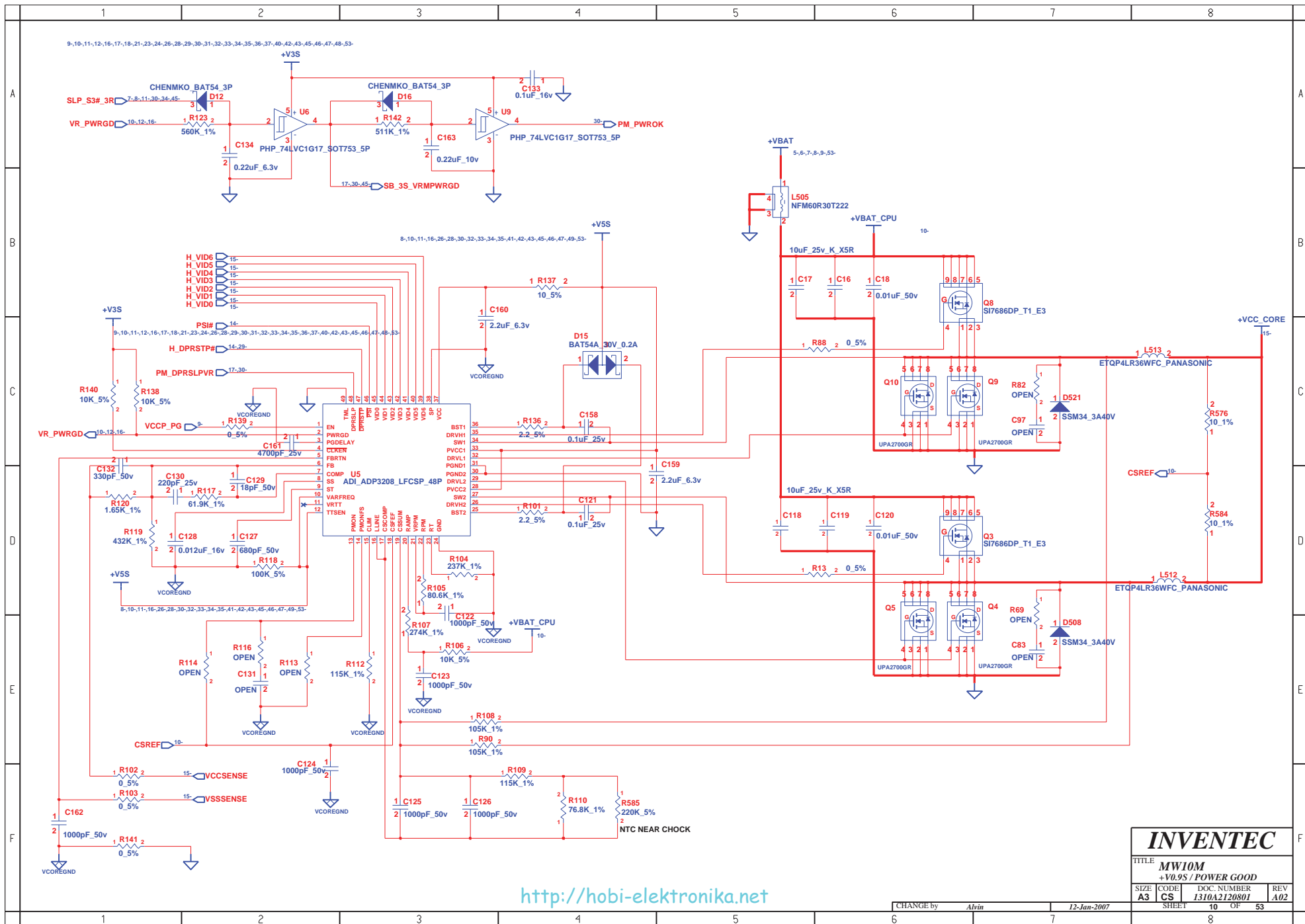


**INVENTEC**

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**MW10M**  
SYSTEM POWER(+V1.5S / +V1.8)  
SIZE CODE DOC. NUMBER REV  
**A3 CS 1310A2120801 A02**

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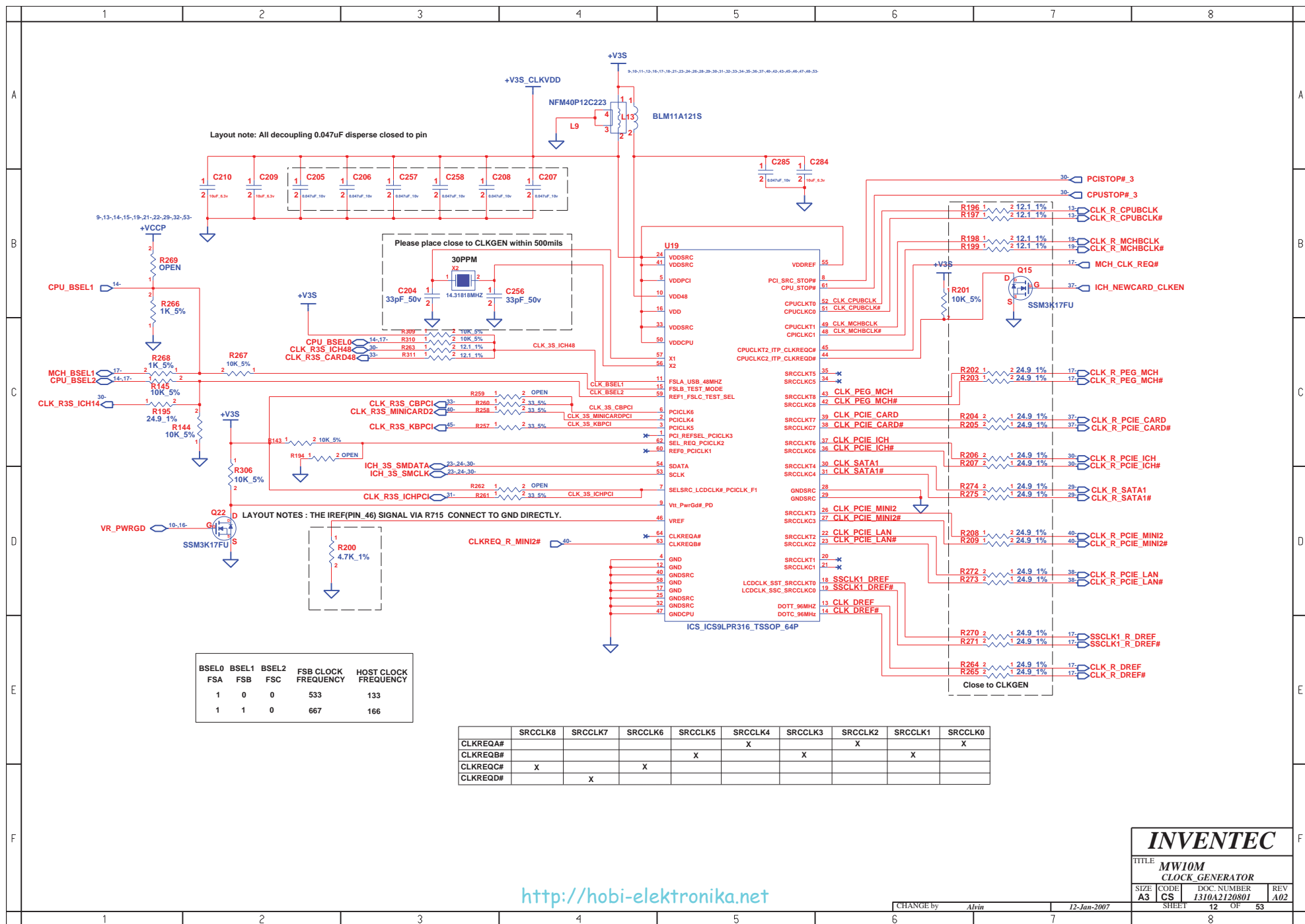


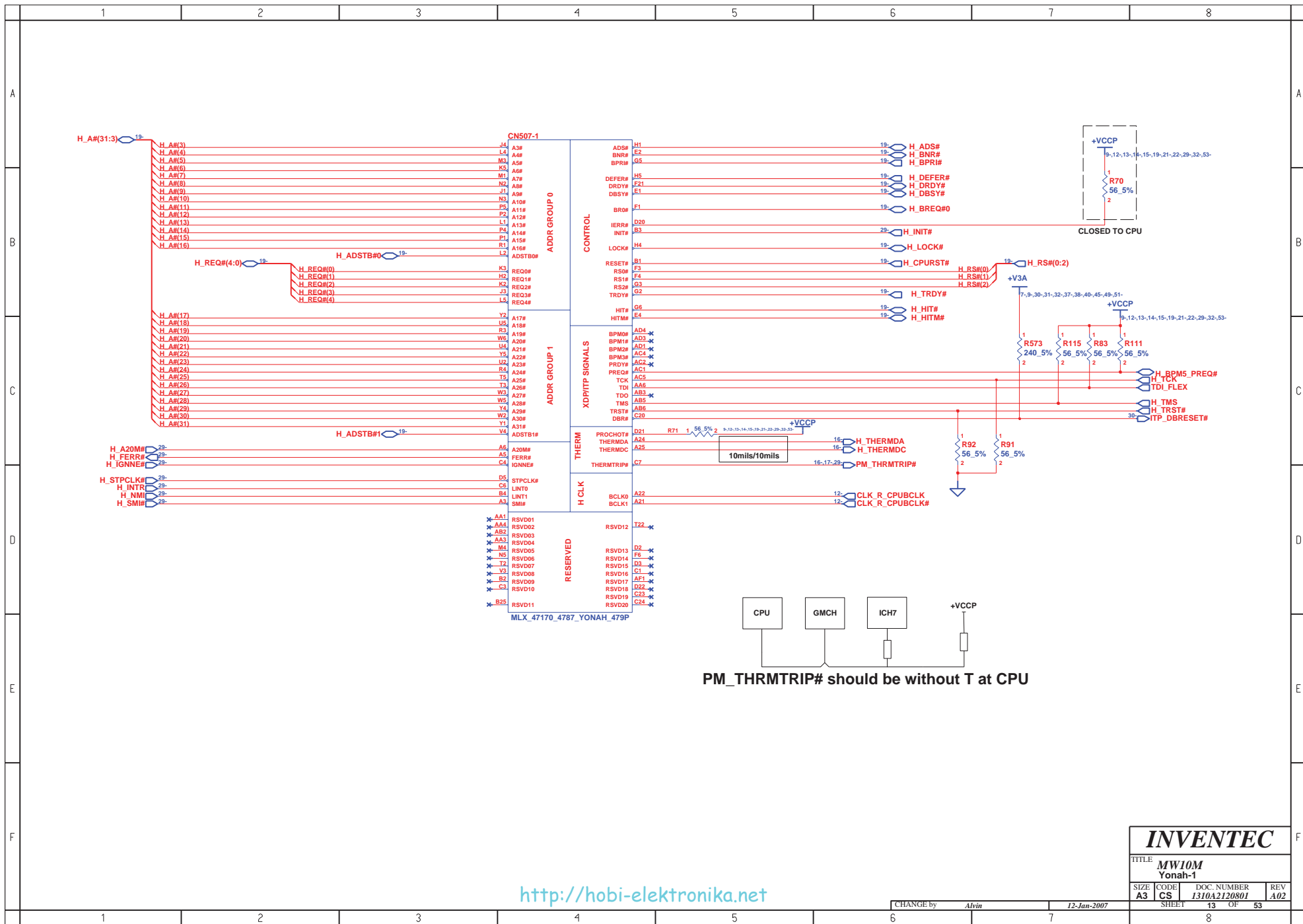
<http://hobi-elektronika.net>

**INVENTEC**

|                     |      |              |       |
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| MW10M               |      |              |       |
| +V0.9S / POWER GOOD |      |              |       |
| SIZE                | CODE | DOC. NUMBER  | REV   |
| A3                  | CS   | 1310A2120801 | A02   |
| CHANGE by           |      | 12-Jan-2007  |       |
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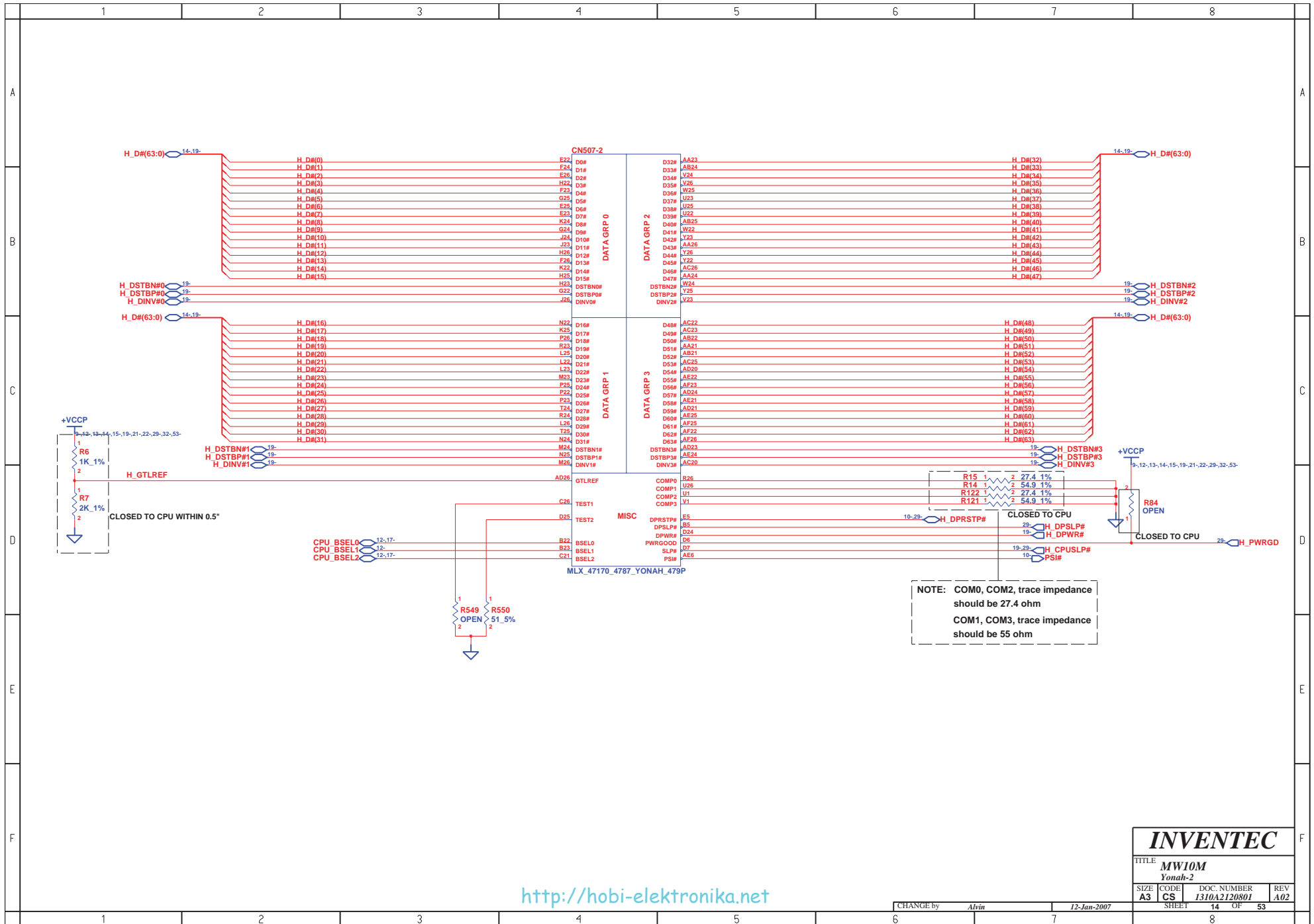
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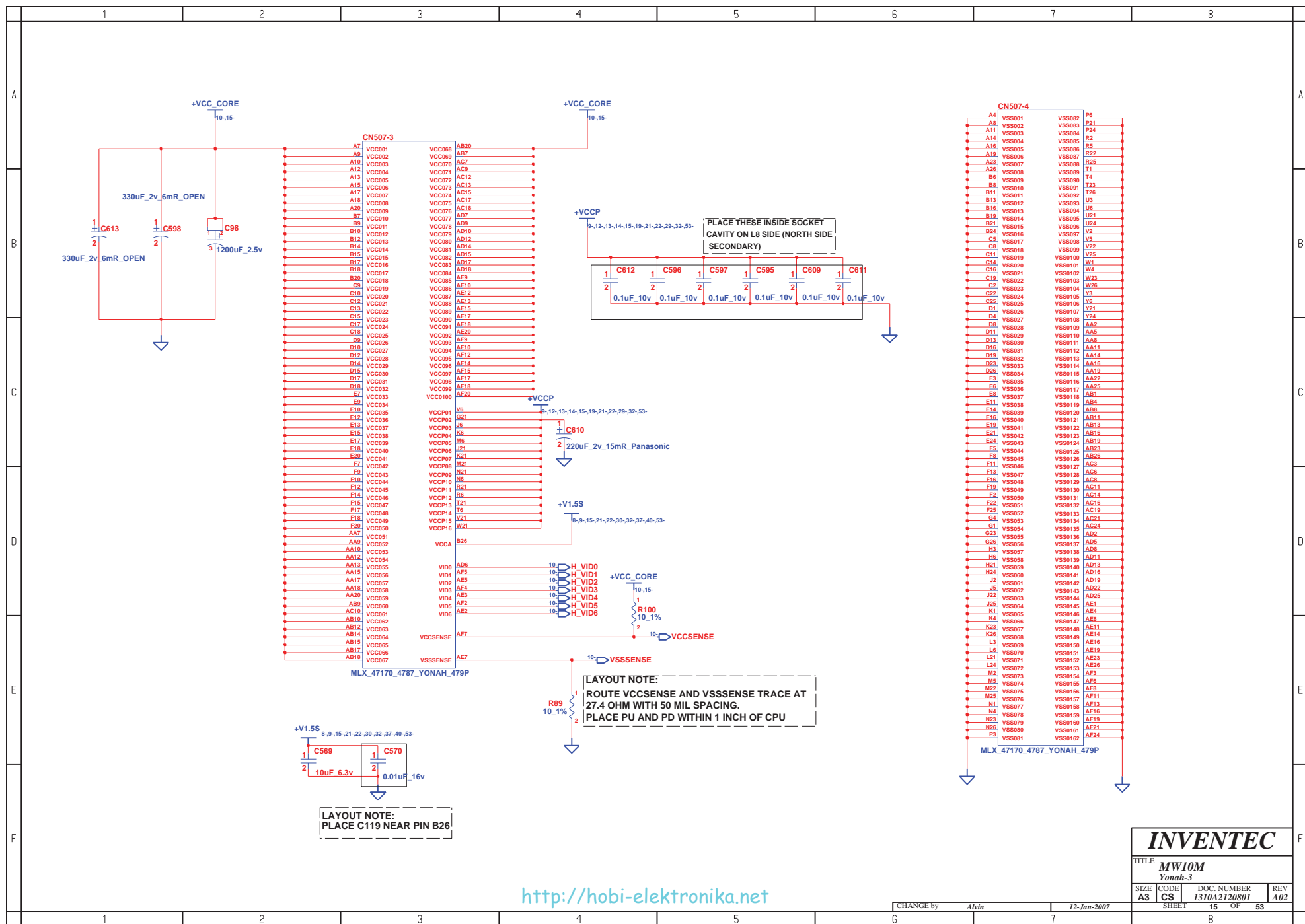
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**MW10M  
Yonah-1**

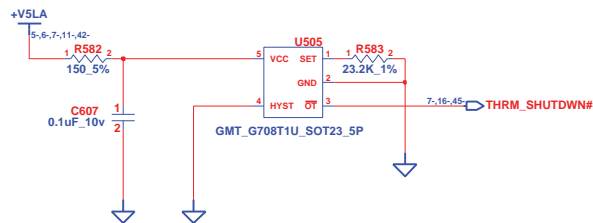
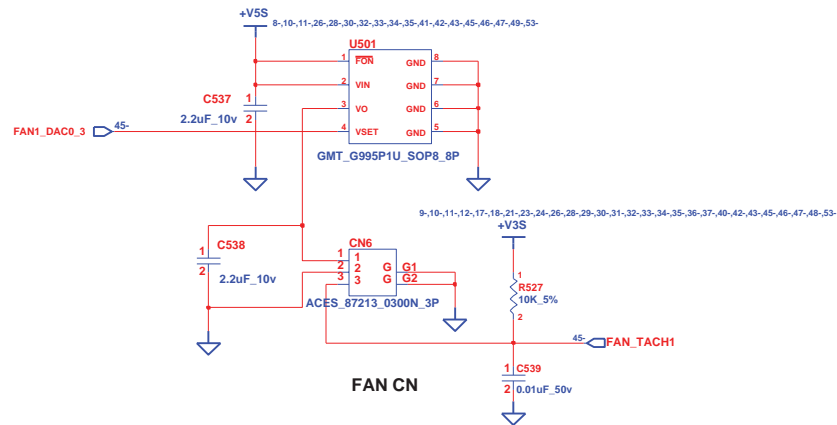
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| A3   | CS   | 1310A2120801 | A02 |

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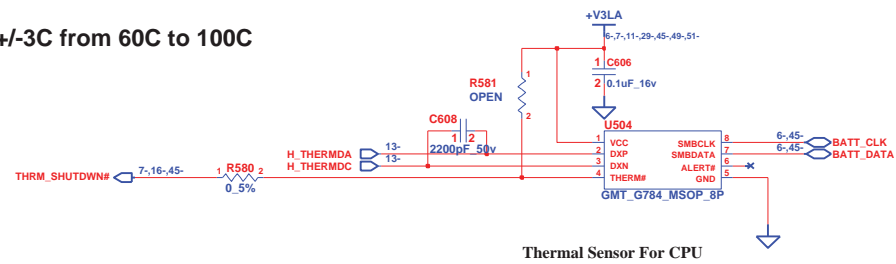
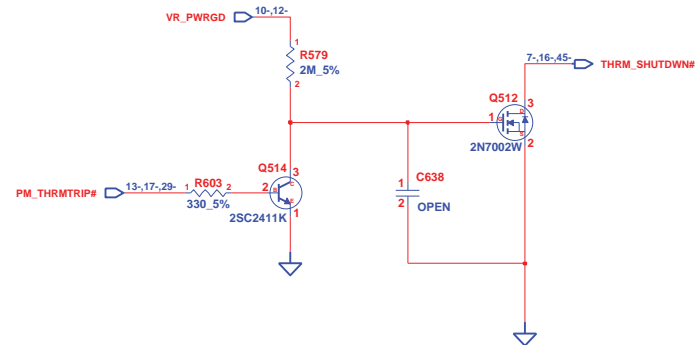






Thermal shutdown at 88C +/-3C from 60C to 100C

Hysteresis is 30C

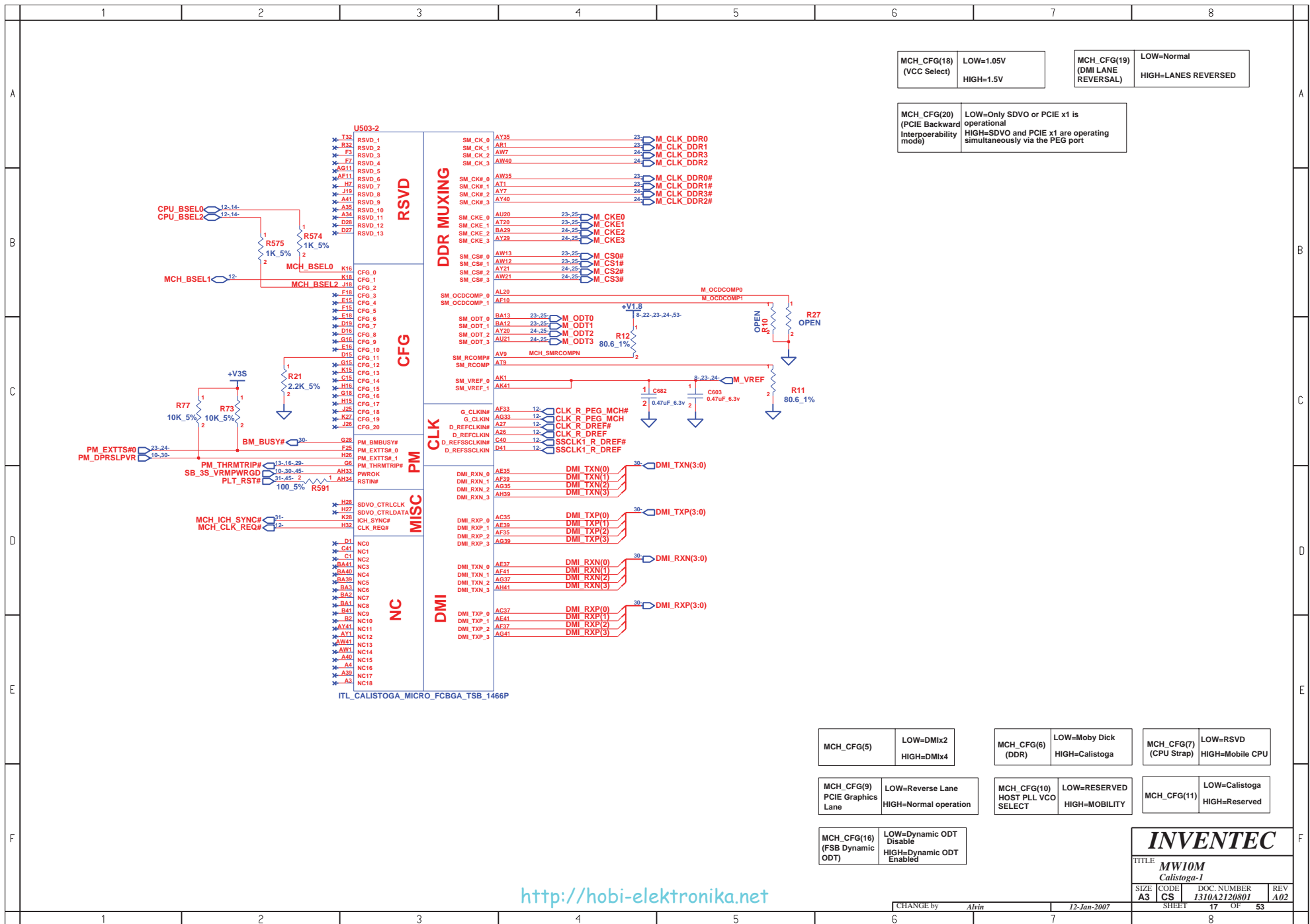


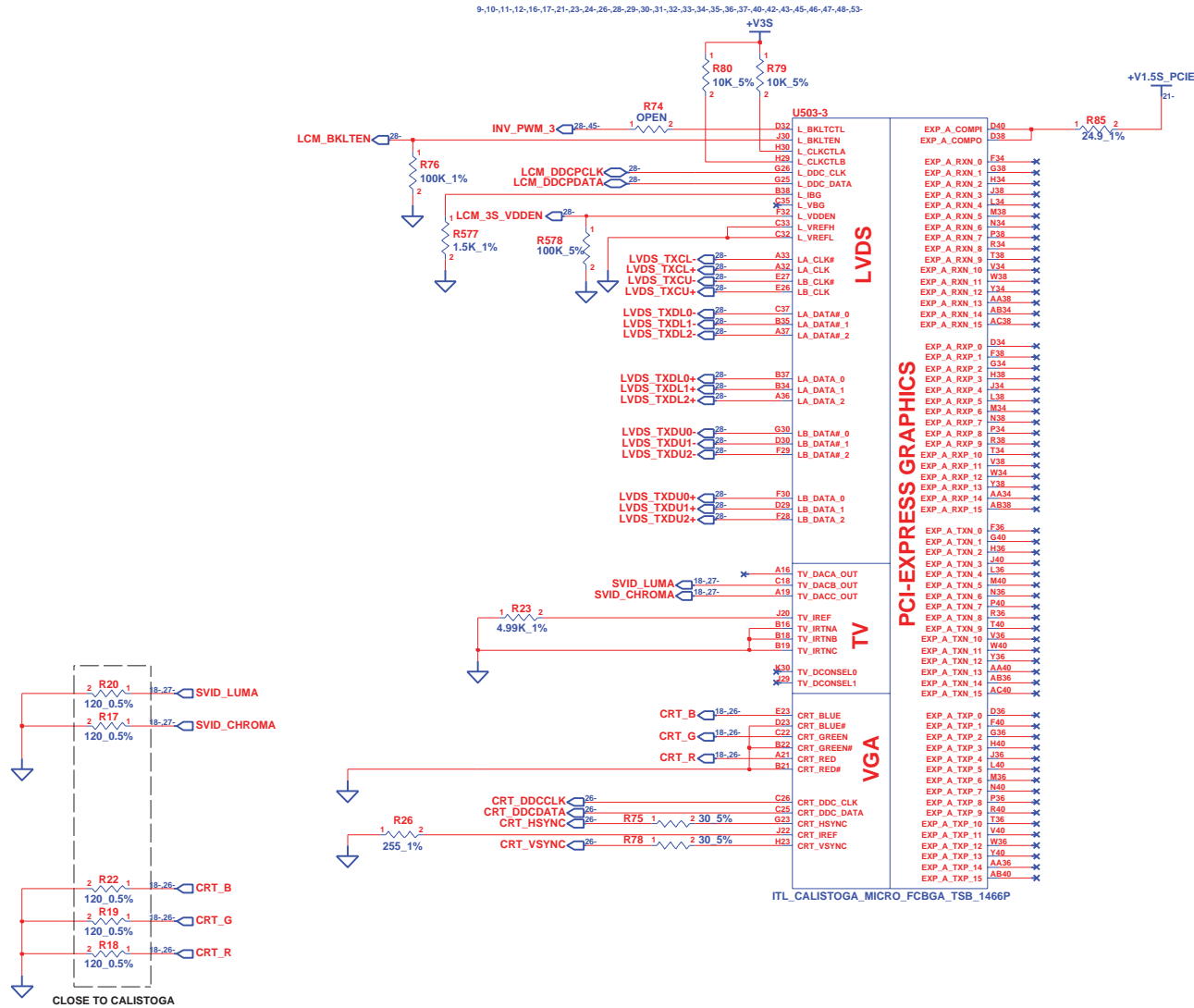
Thermal Sensor For CPU

| INVENTEC               |      |              |       |
|------------------------|------|--------------|-------|
| TITLE                  |      |              |       |
| MW10M                  |      |              |       |
| THERMAL&FAN CONTROLLER |      |              |       |
| SIZE                   | CODE | DOC. NUMBER  | REV   |
| A3                     | CS   | 1310A2120801 | A02   |
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# PCI-EXPRESS GRAPHICS

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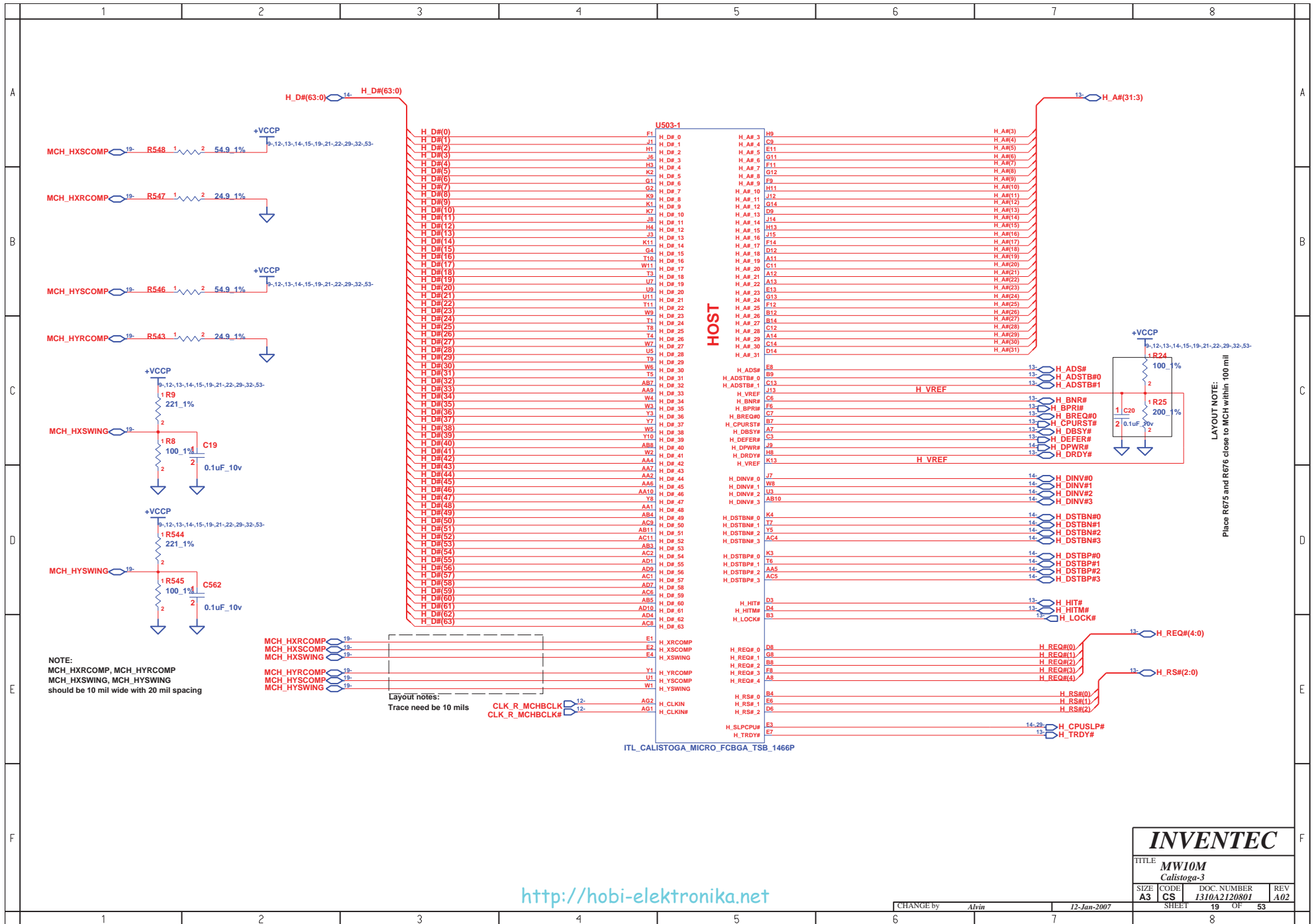
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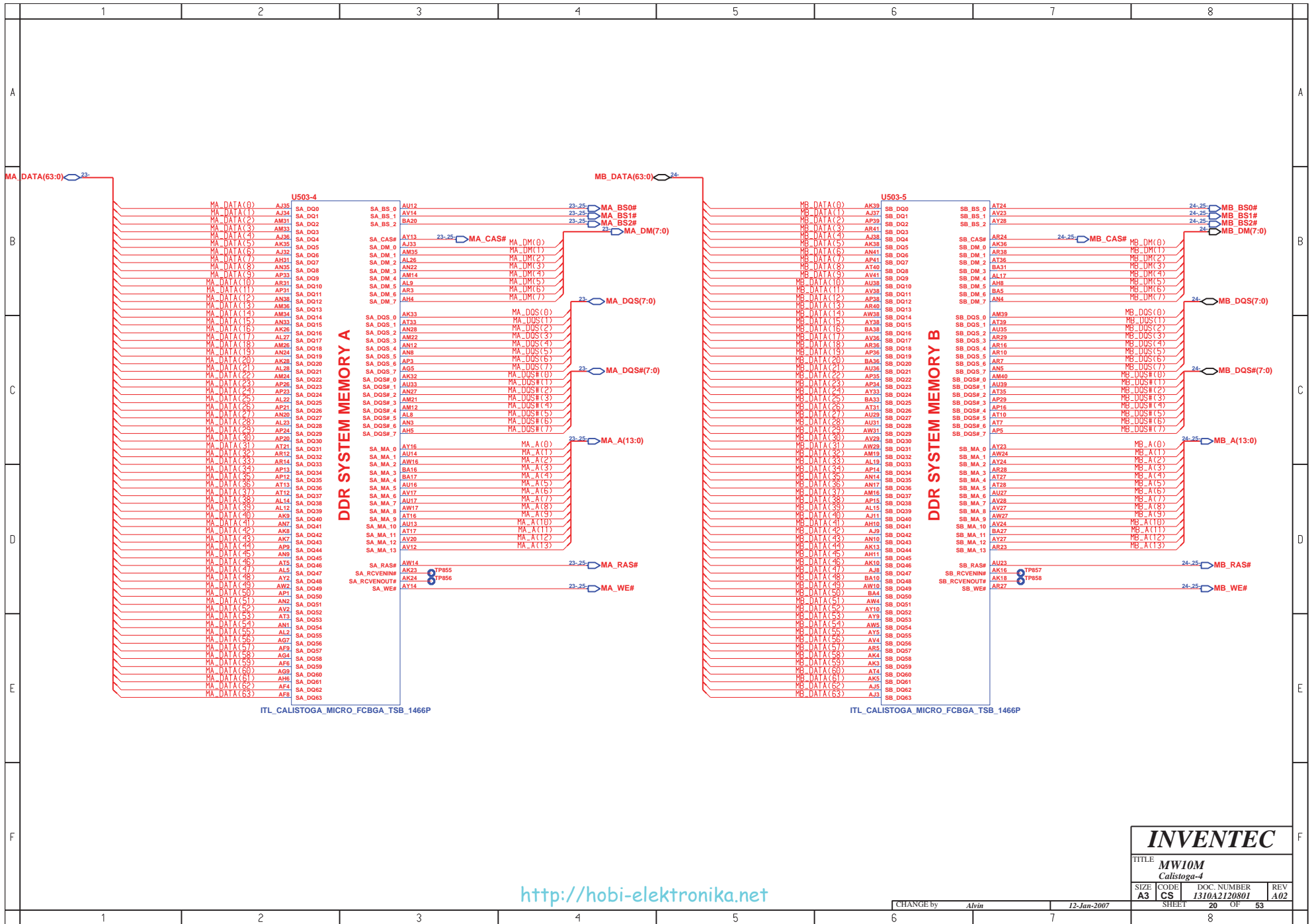
TITLE  
MW10M  
Calistoga-2

| SIZE | CODE | DOC. NUMBER  | REV |
|------|------|--------------|-----|
| A3   | CS   | 1310A2120801 | A02 |

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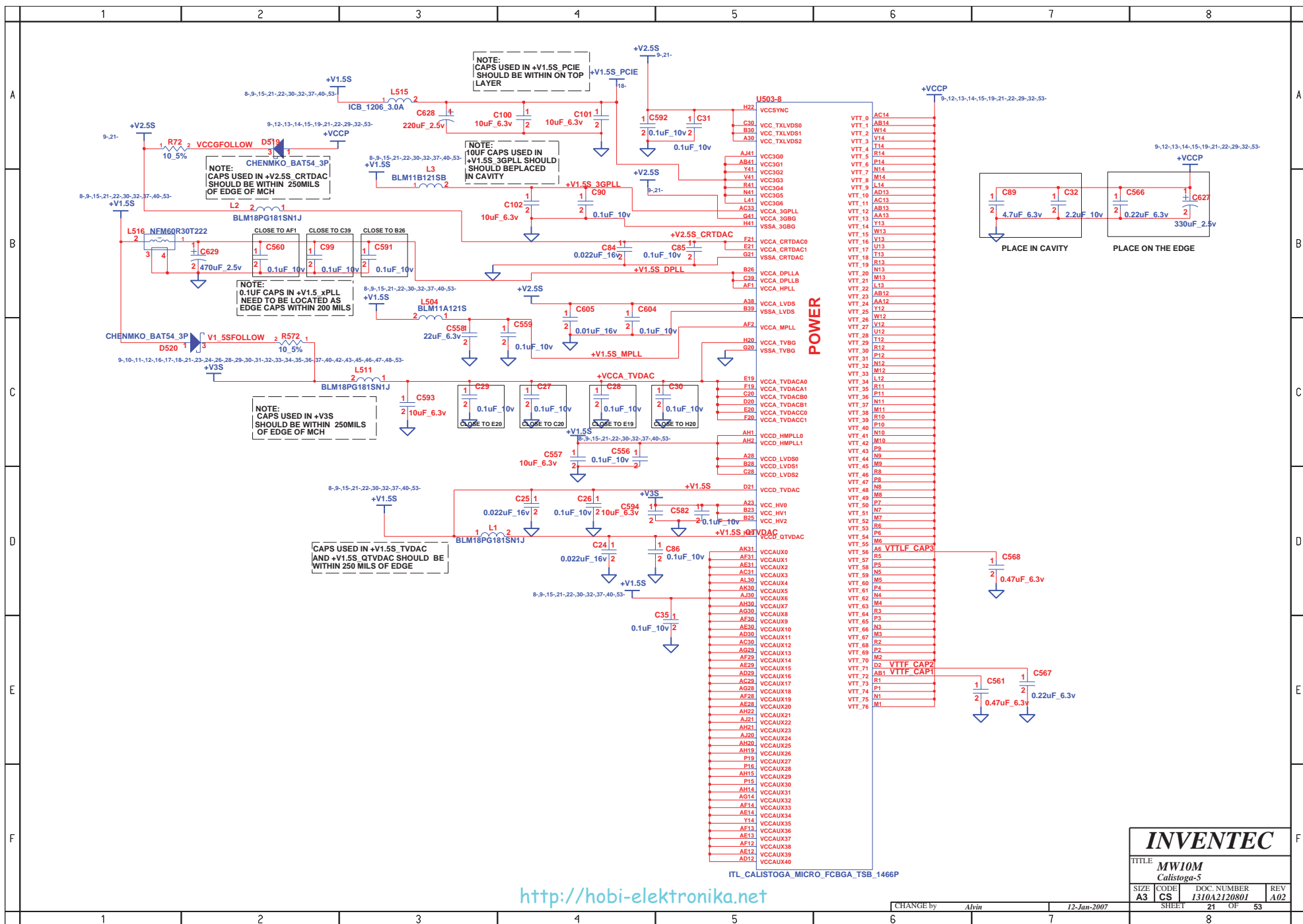
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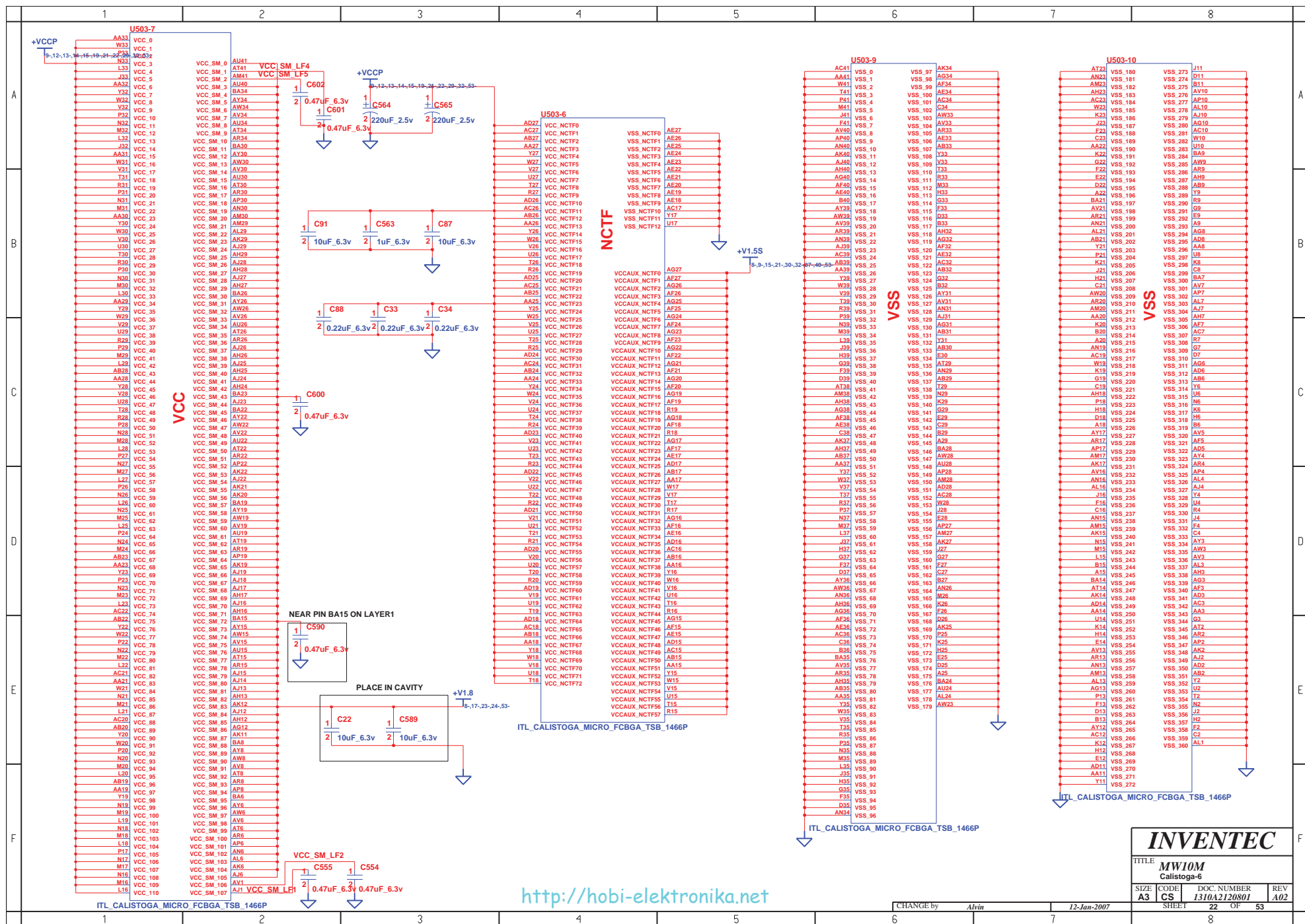
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**MW10M**  
**Calistoga-4**

|                   |                   |                                    |                   |
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|-------------------|-------------------|------------------------------------|-------------------|

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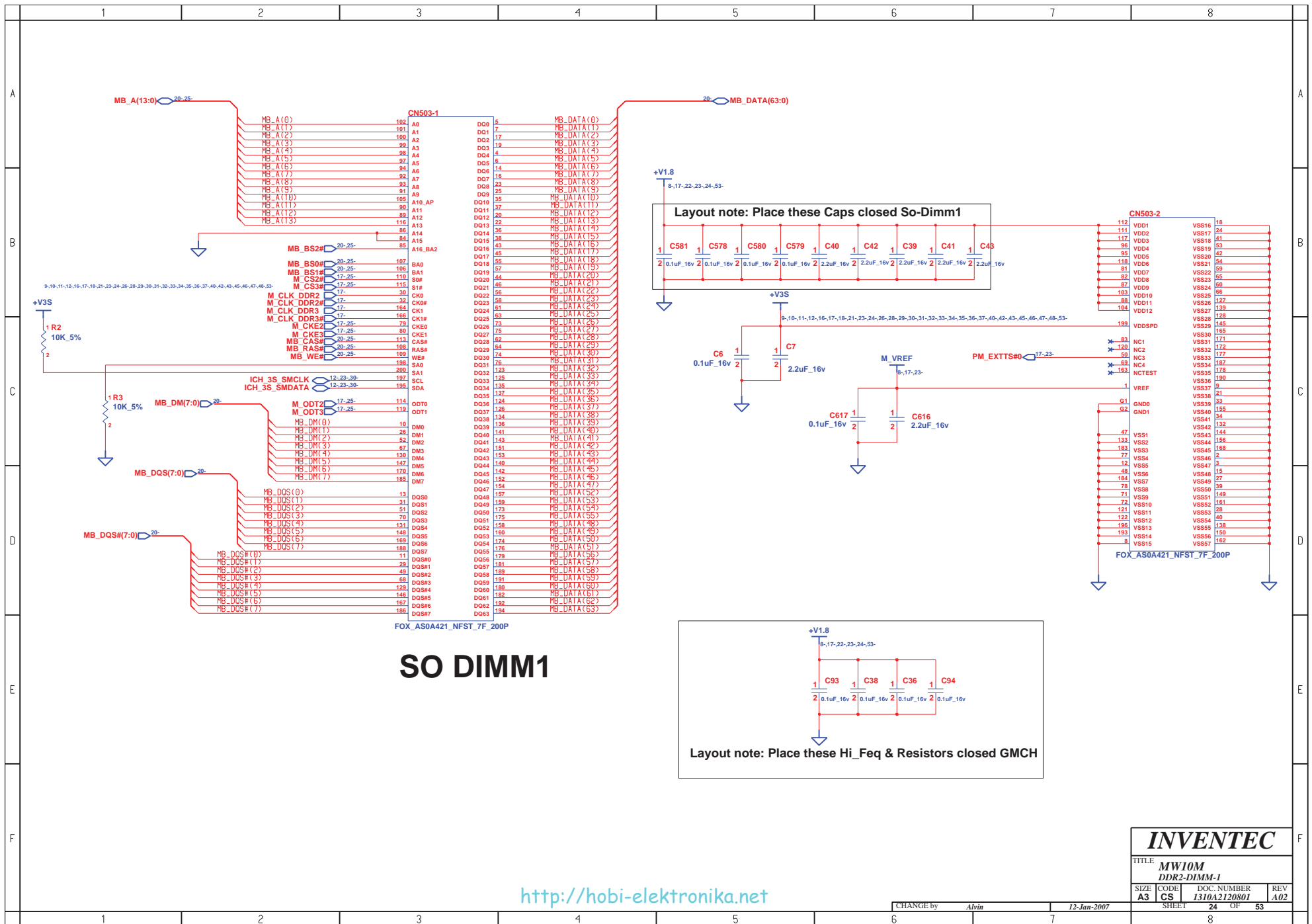
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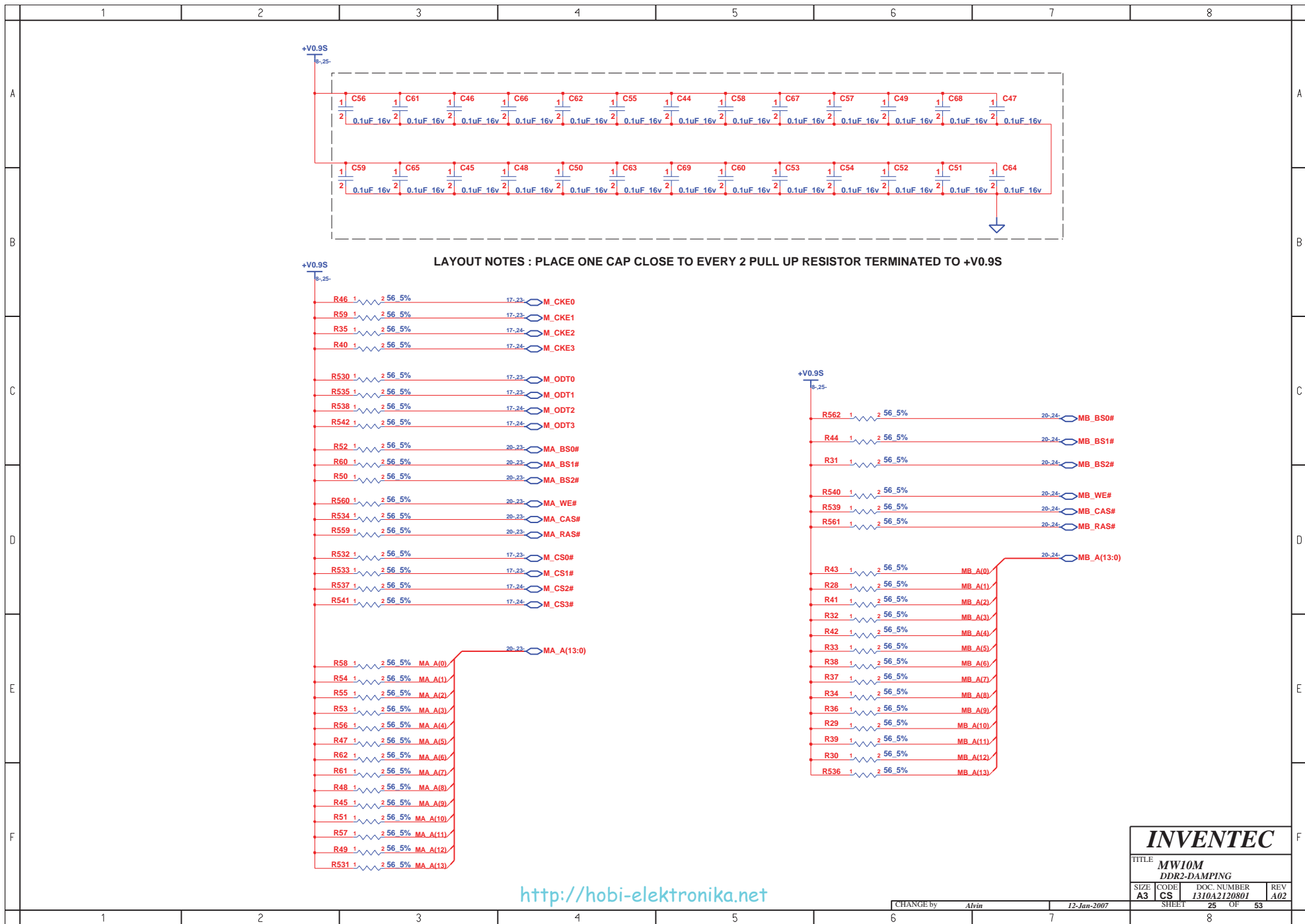






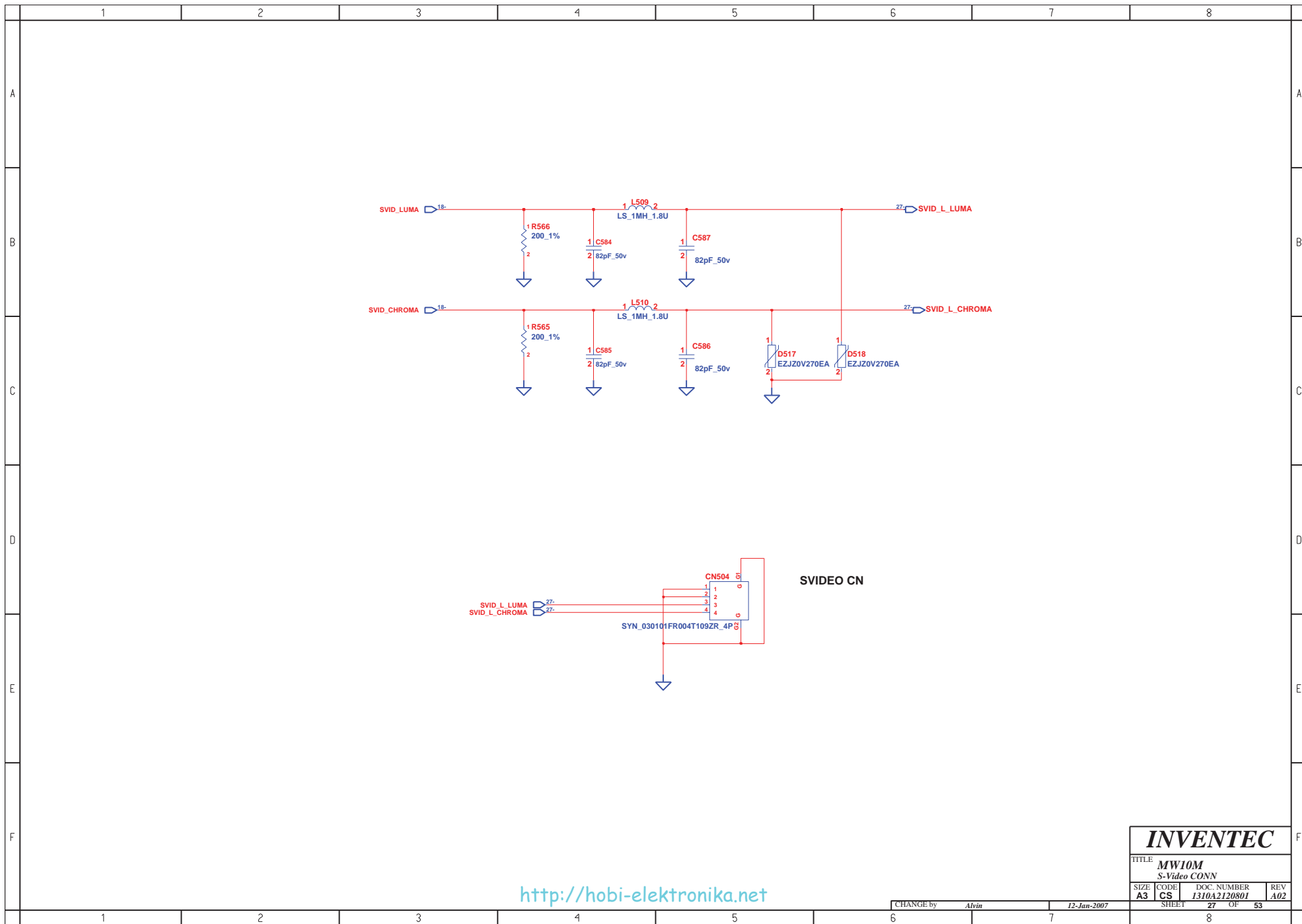






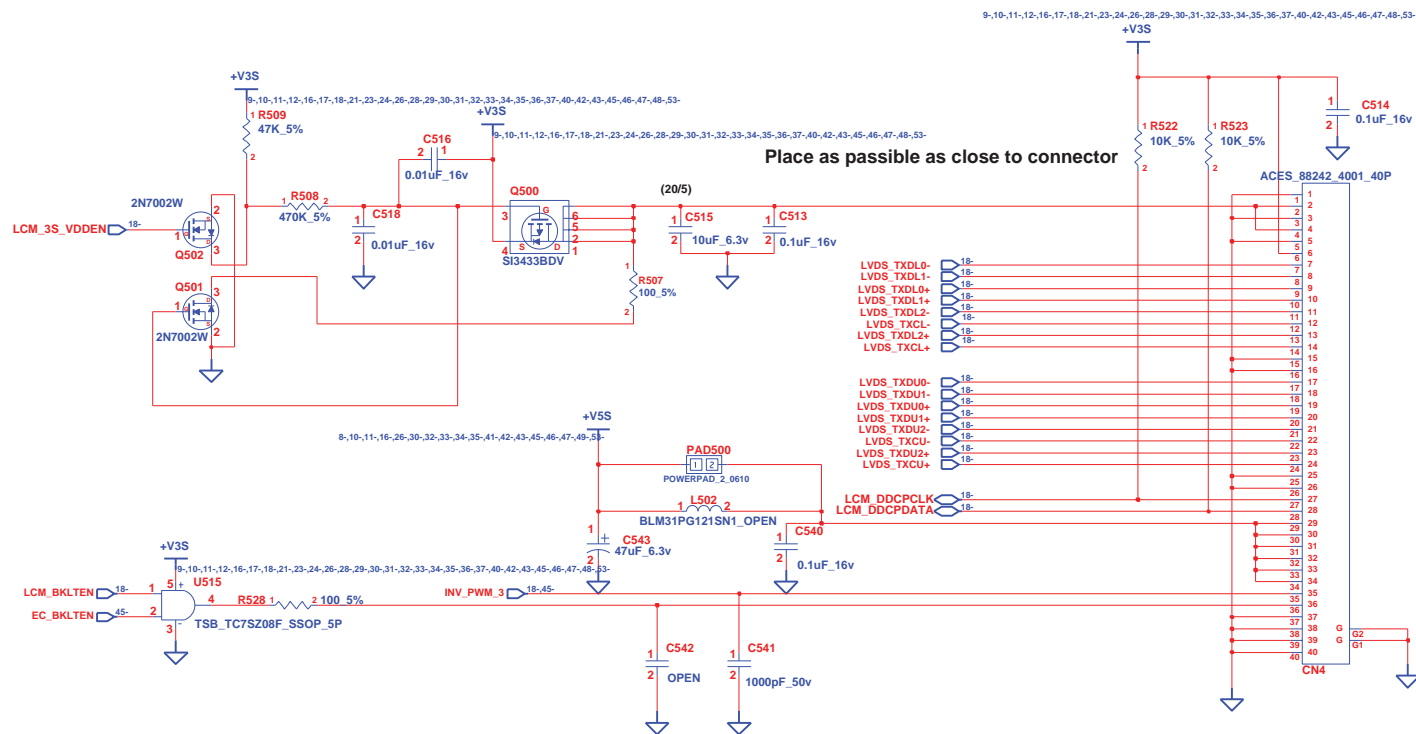
<http://hobi-elektronika.net>





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| MW10M        |      |              |       |
| S-Video CONN |      |              |       |
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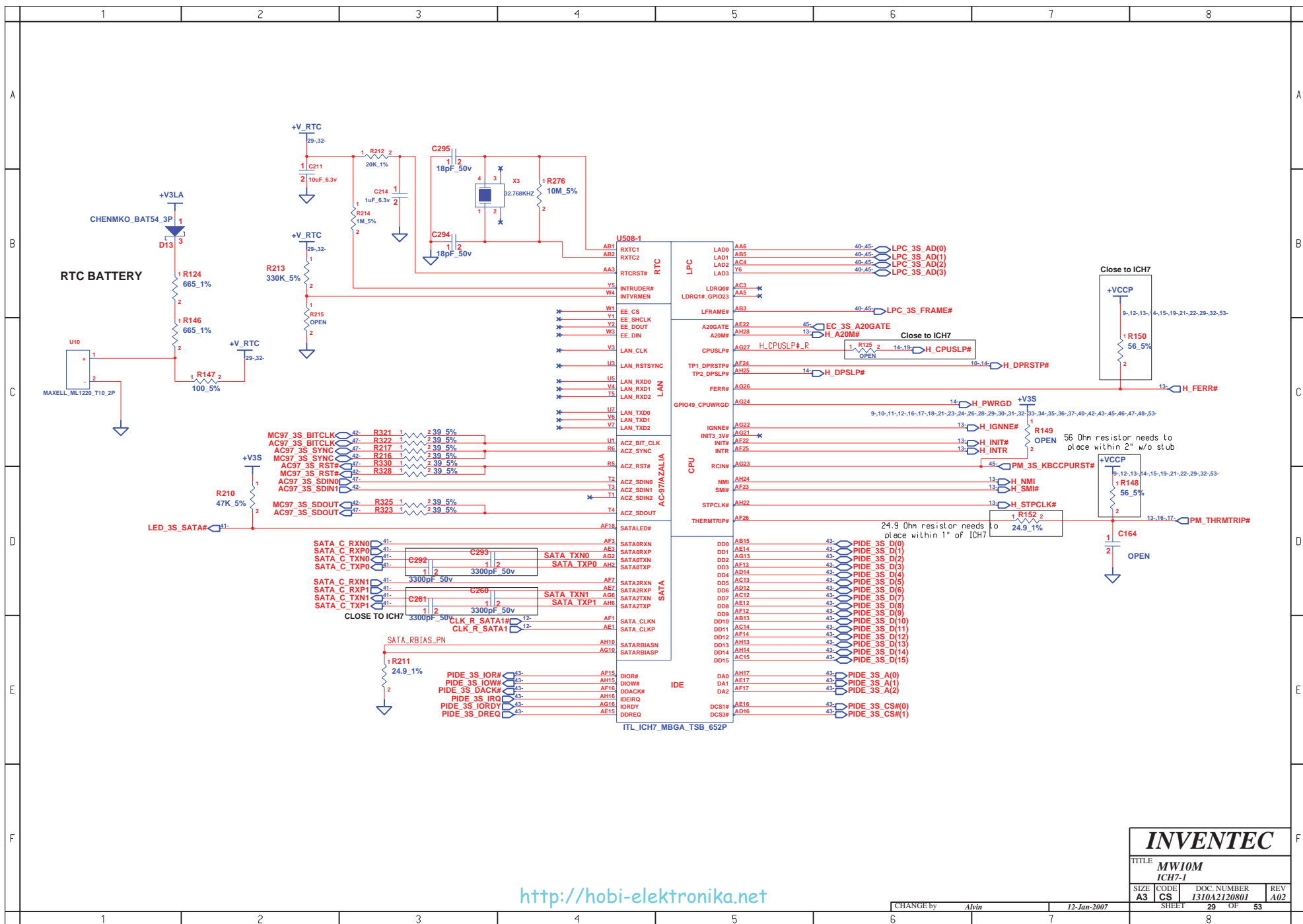


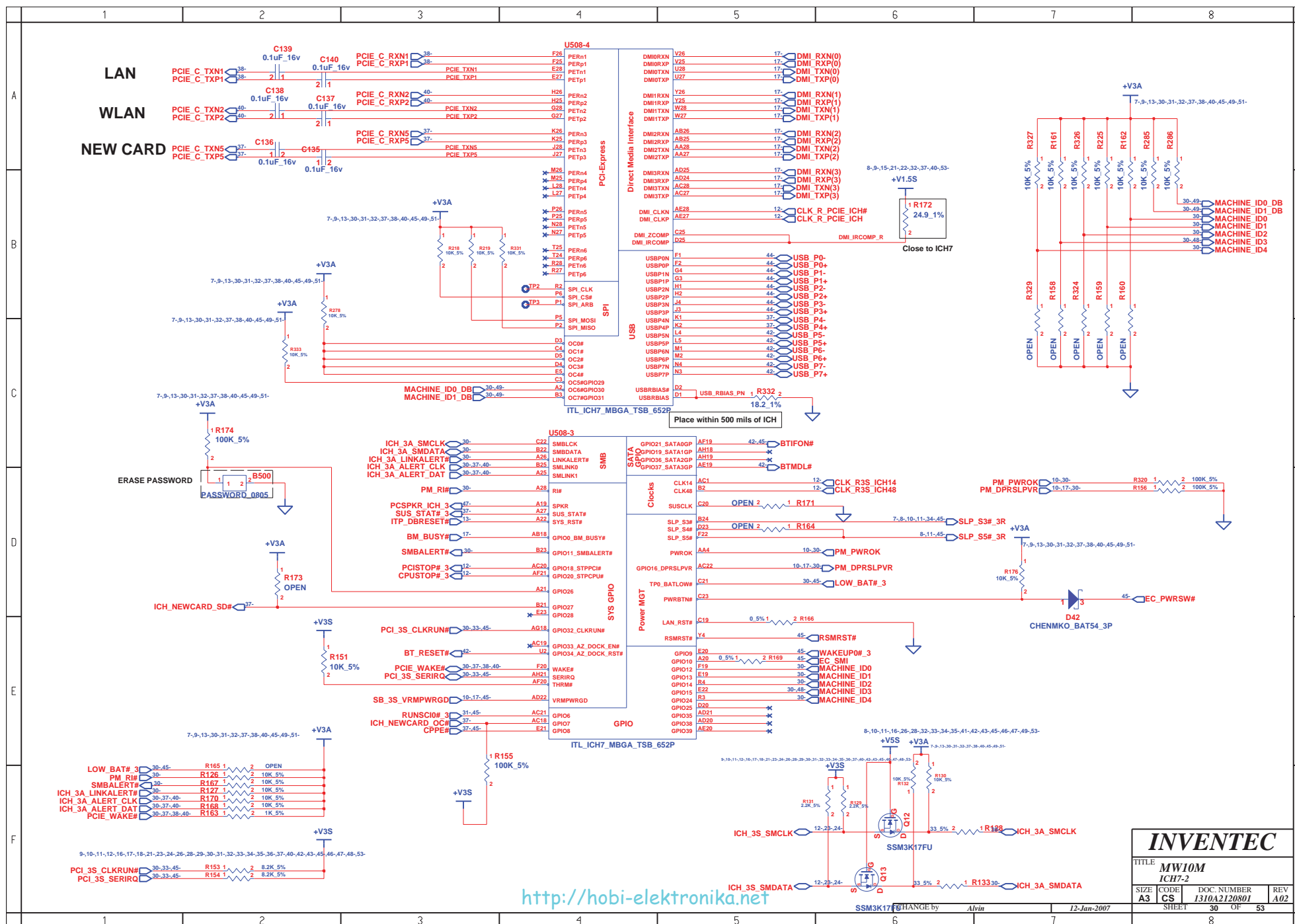
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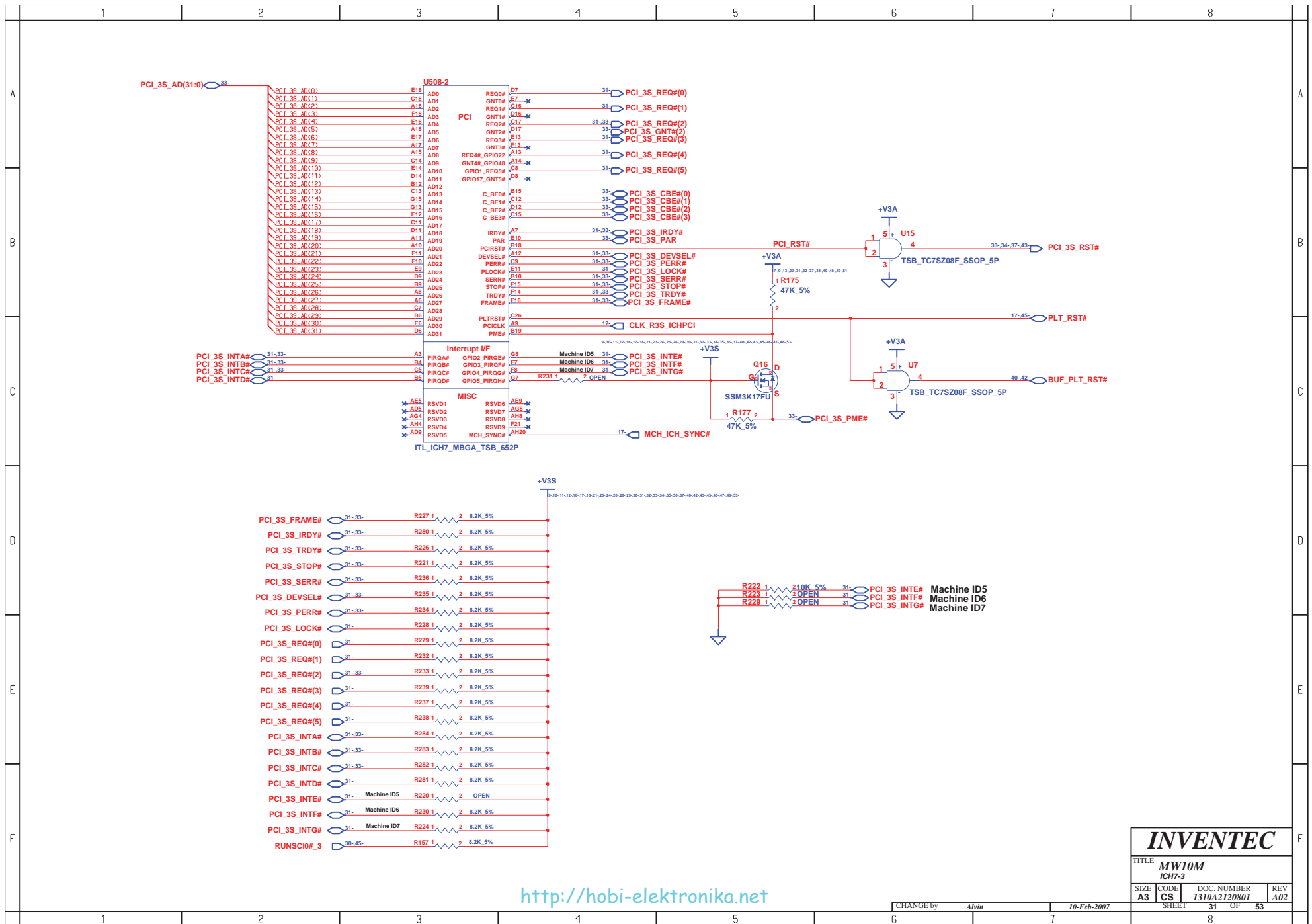
TITLE  
**MW10M**  
**LCM**

|                   |                   |                                    |                   |
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| SHEET             |                   | 28                                 | OF 53             |

CHANGE by **Alvin** **27-Sep-2003**







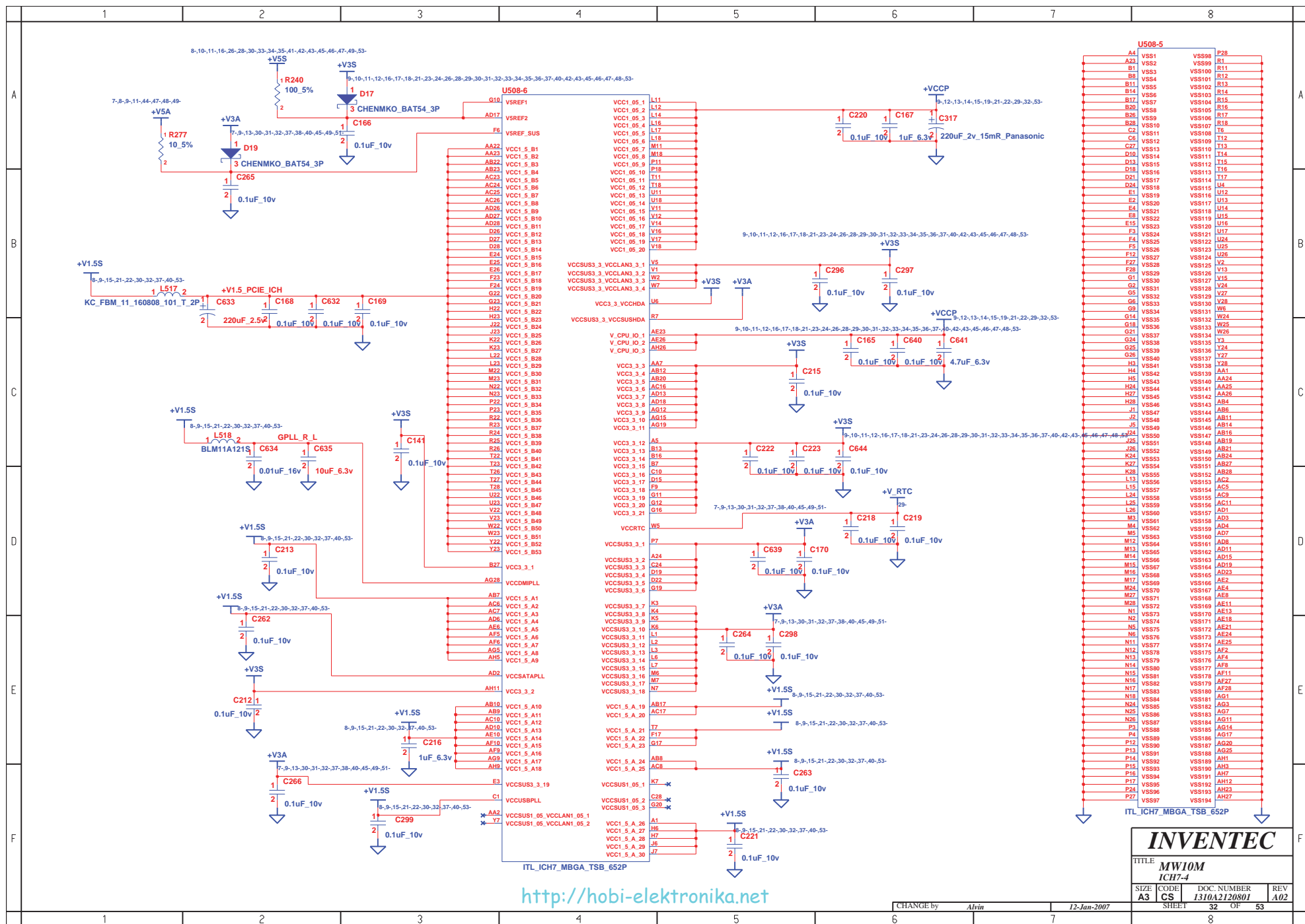
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TITLE  
MW10M  
ICH7-3

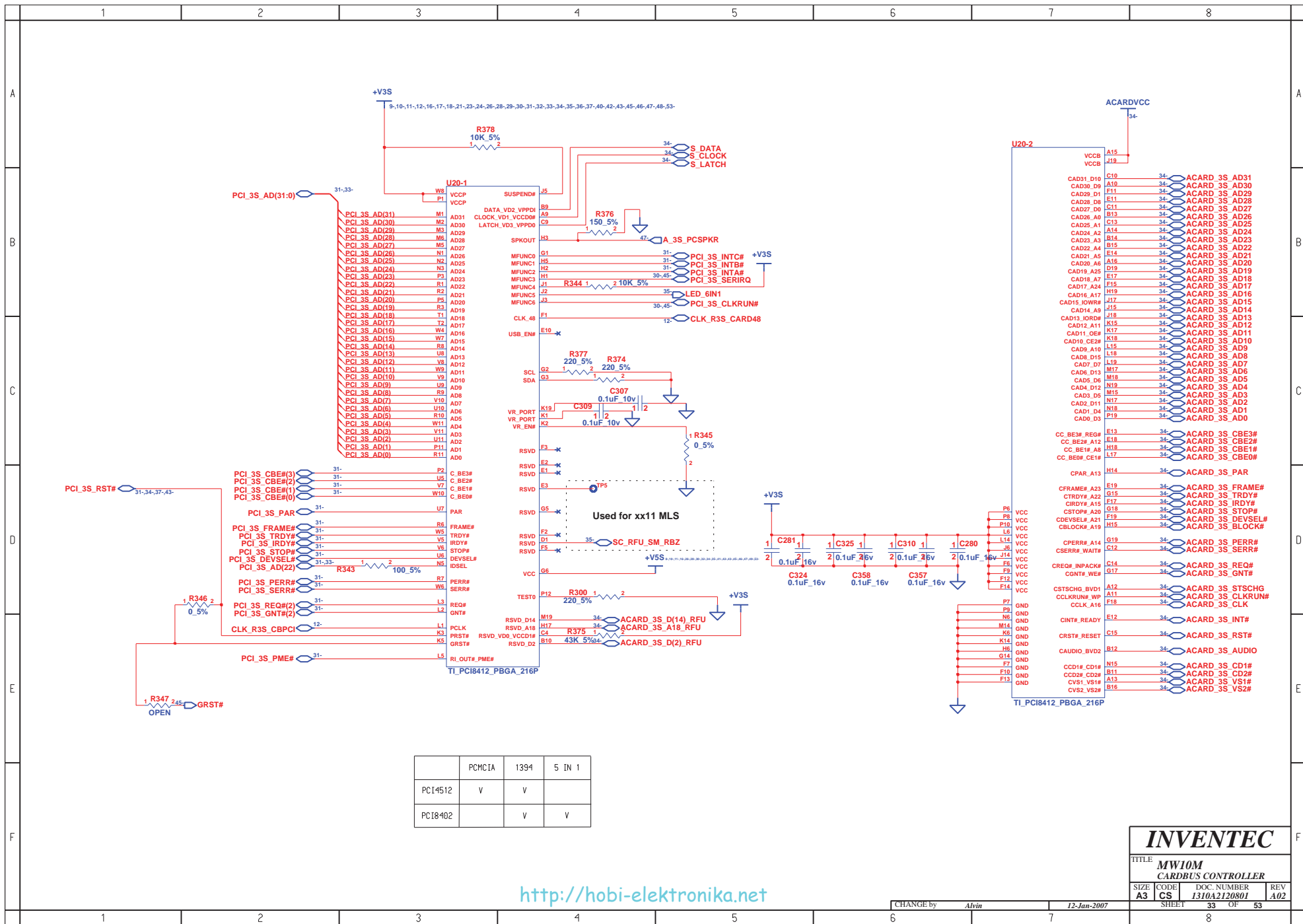
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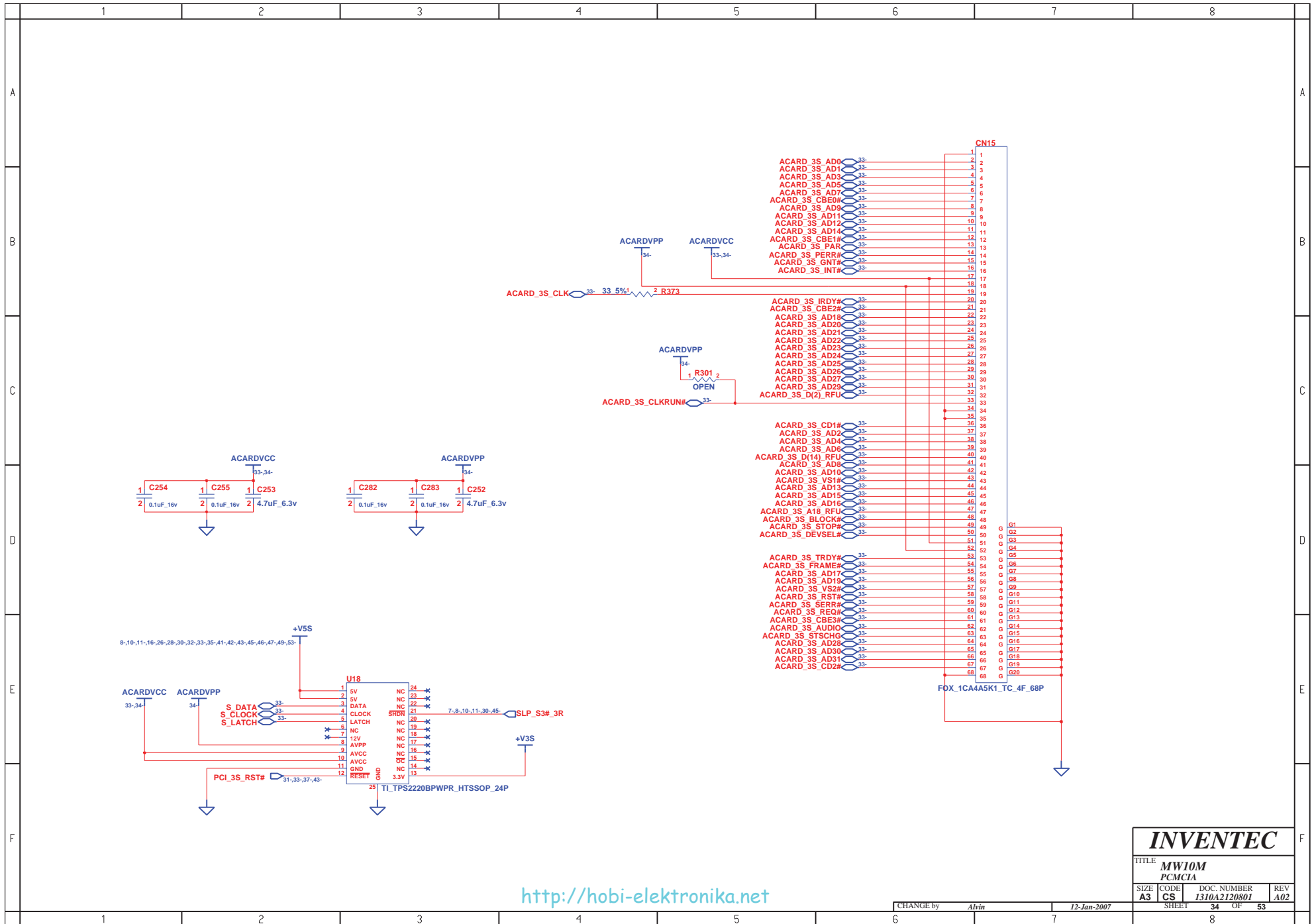
CHANGE by Alvin 16-Feb-2007

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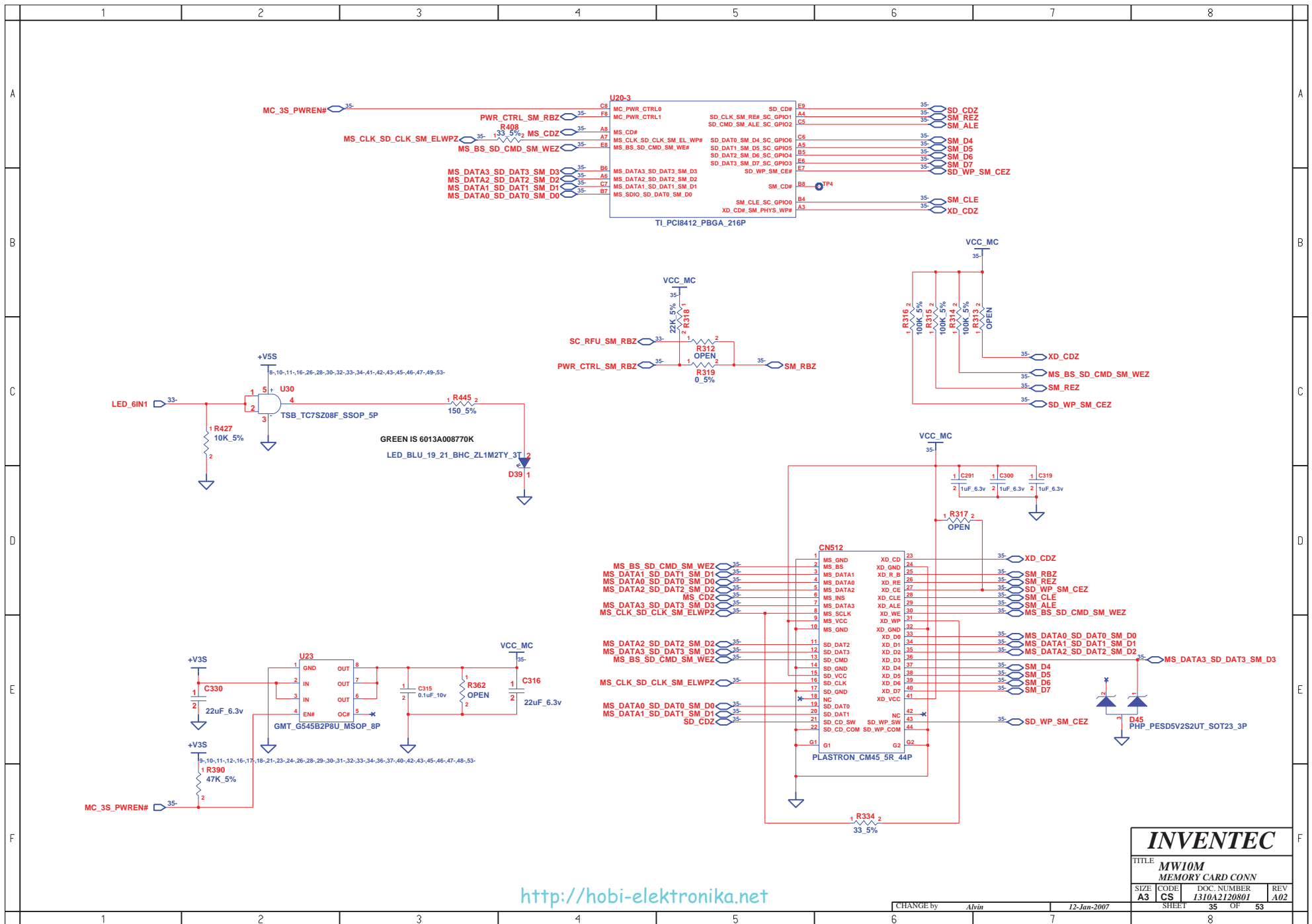
**INVENTEC**

TITLE  
MW10M  
PCMCIA

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CHANGE by Alvin 12-Jan-2007

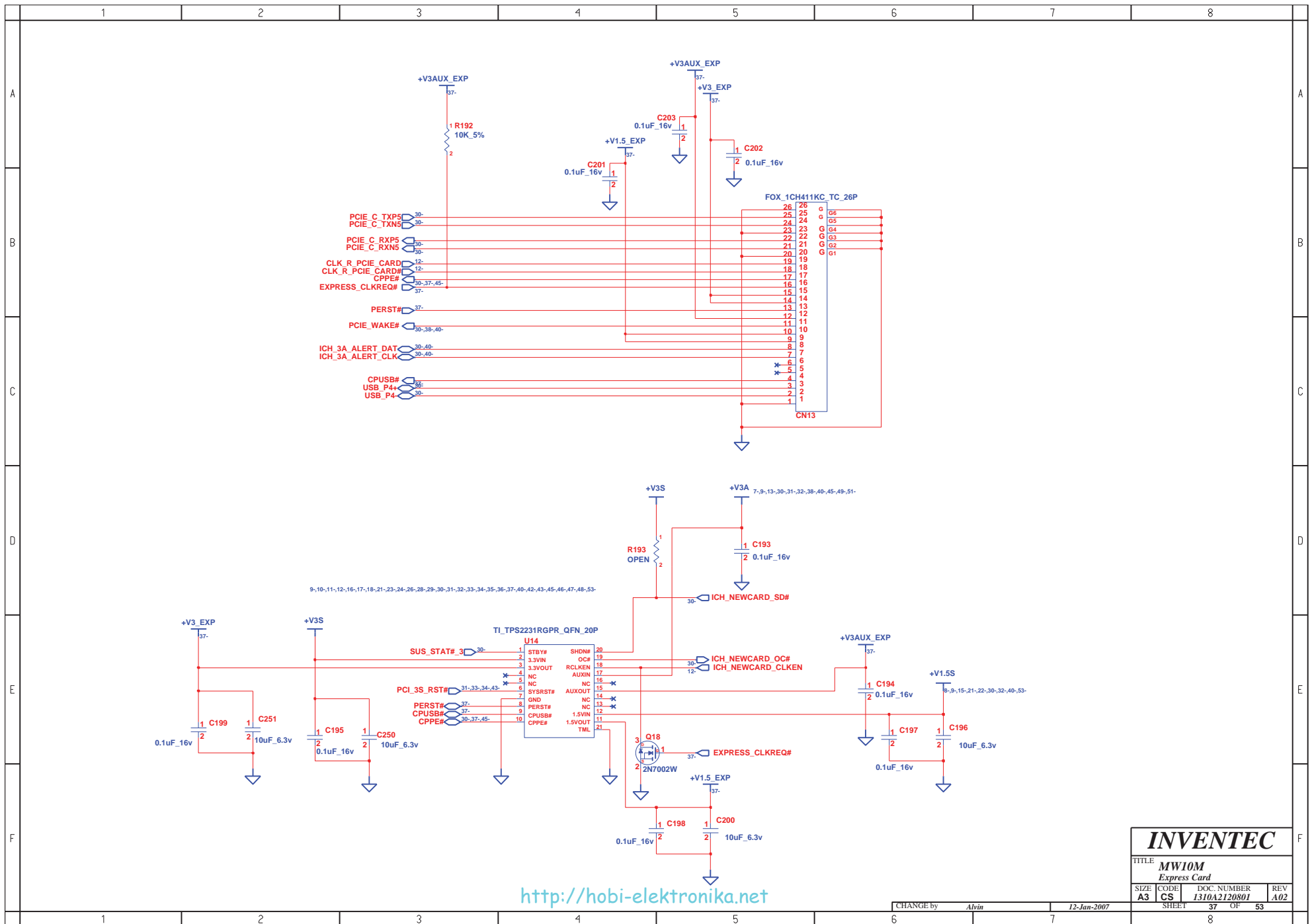
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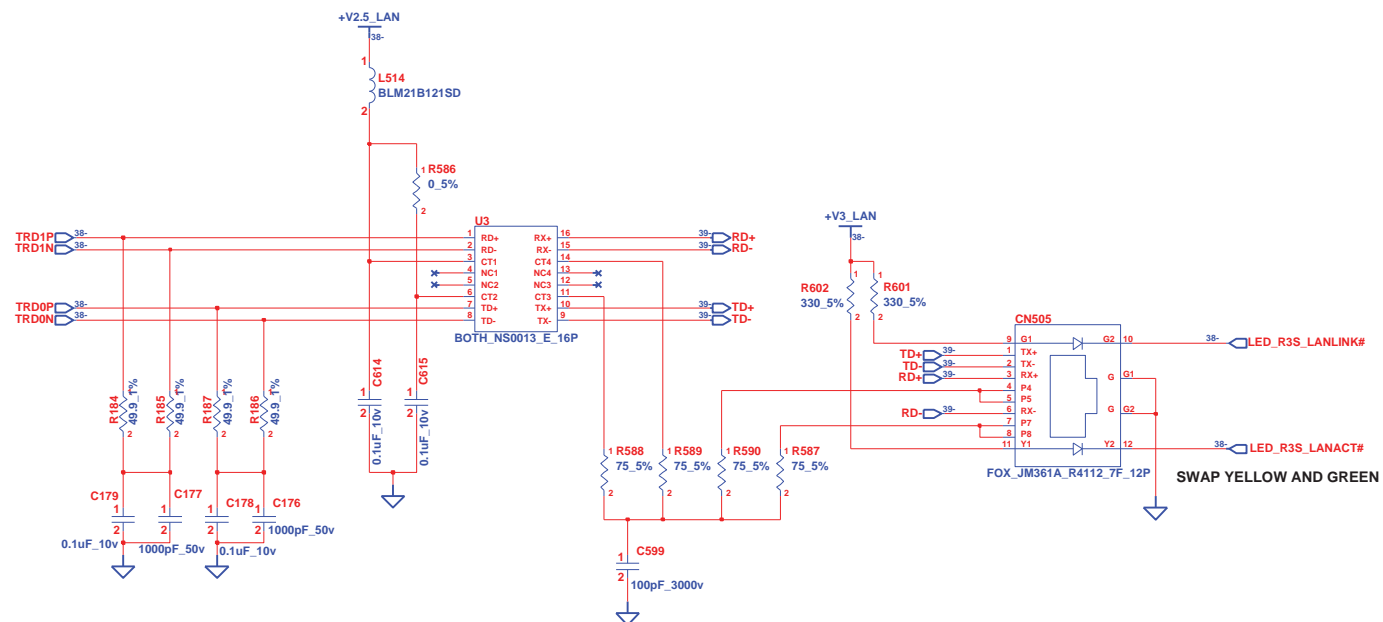
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| MW10M            |      |              |       |
| MEMORY CARD CONN |      |              |       |
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| CHANGE by        |      | 12-Jan-2007  |       |
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|                  |      | 8            |       |





| INVENTEC                       |            |                             |                   |
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| TITLE<br>MW10M<br>Express Card |            |                             |                   |
| SIZE<br>A3                     | CODE<br>CS | DOC. NUMBER<br>1310A2120801 | REV<br>A02        |
| CHANGE by<br>Alvin             |            | 12-Jan-2007                 | SHEET<br>37 OF 53 |
|                                |            | 7                           | 8                 |





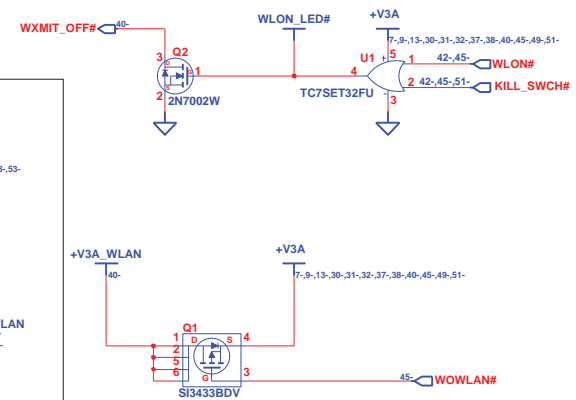
LAYOUT NOTE : Place termination resistors and caps as close to LAN controller as possible

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| INVENTEC            |      |              |     |
|---------------------|------|--------------|-----|
| TITLE               |      |              |     |
| MW10M LAN RJ45 CONN |      |              |     |
| SIZE                | CODE | DOC. NUMBER  | REV |
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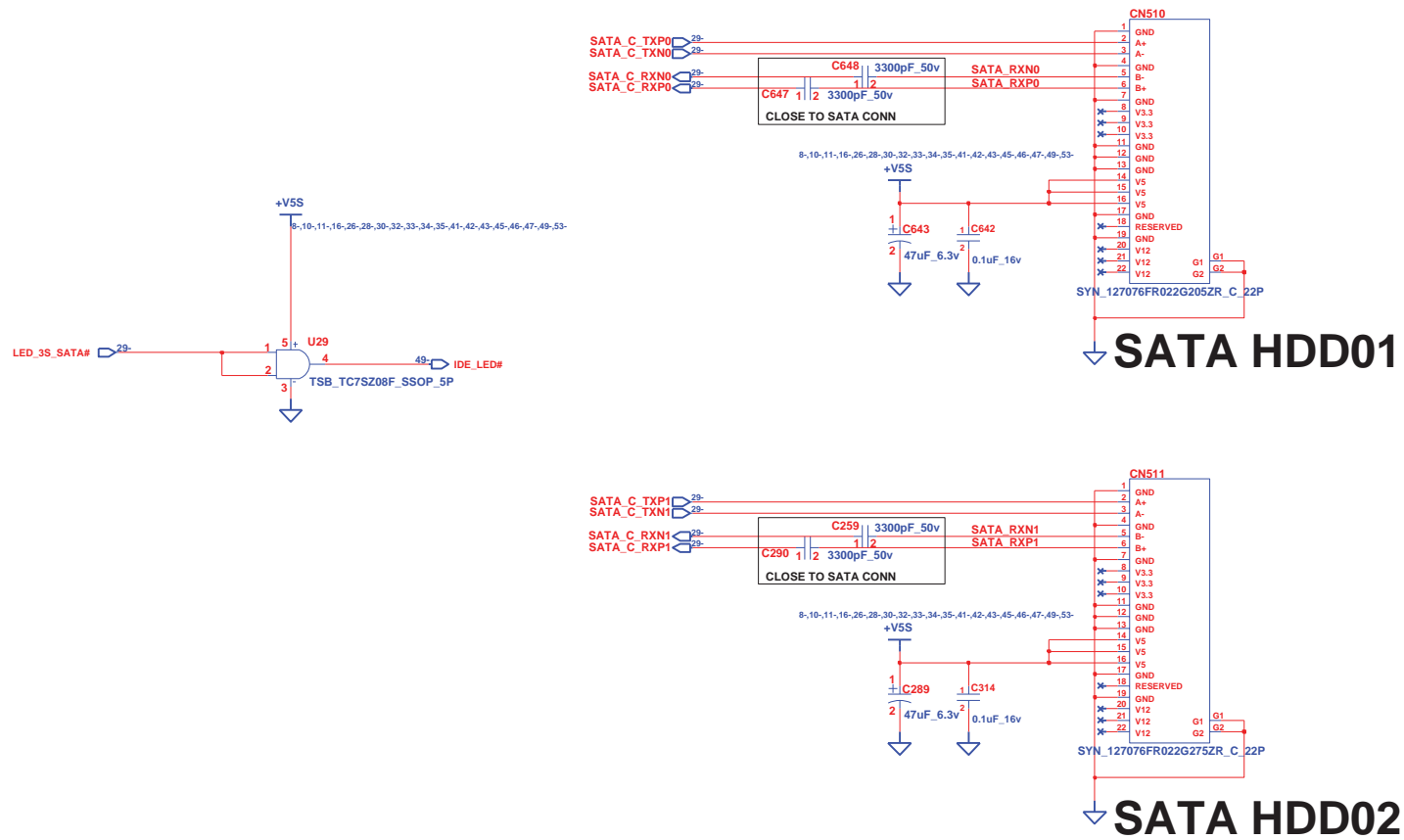
CHANGE by Alvin 12-Jan-2007

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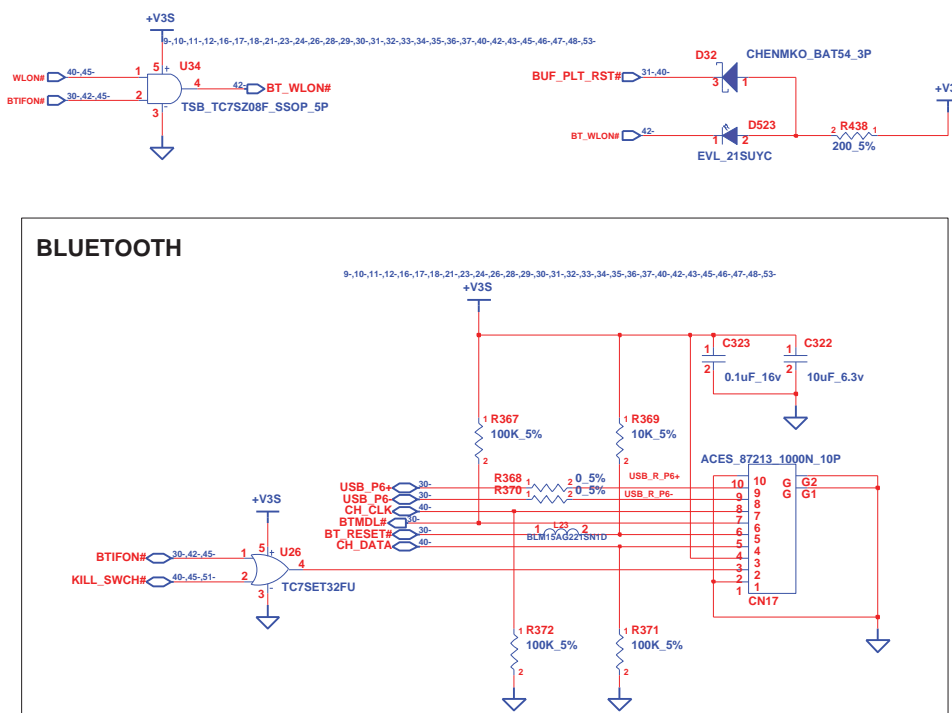
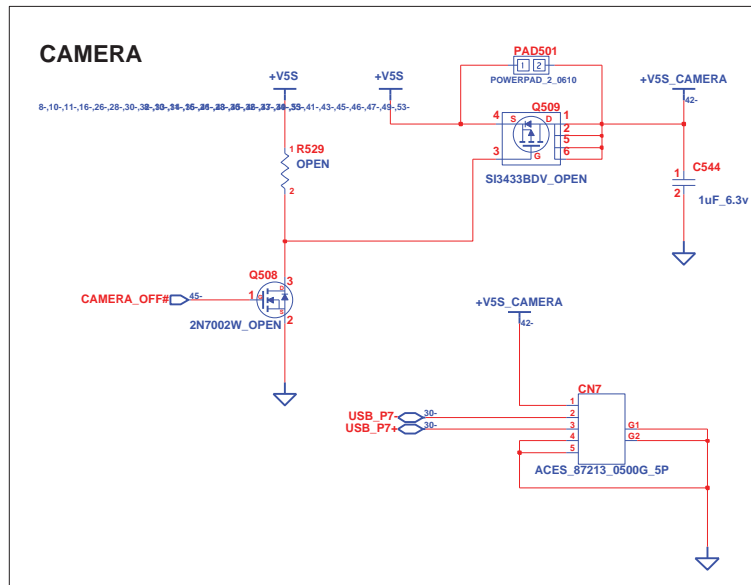
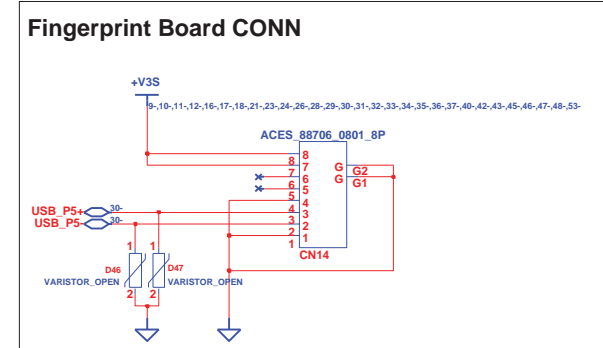
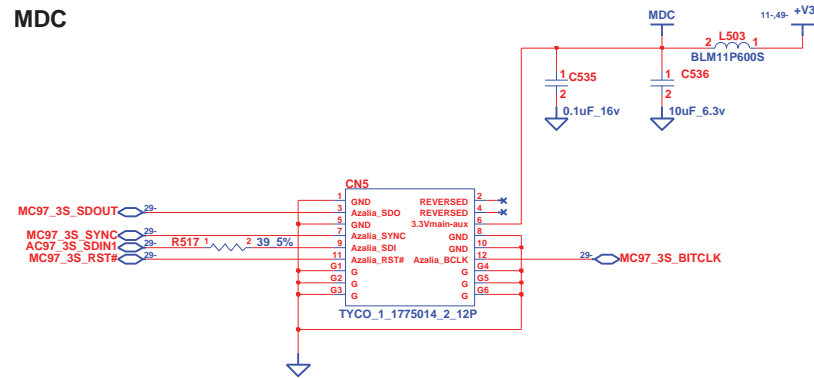
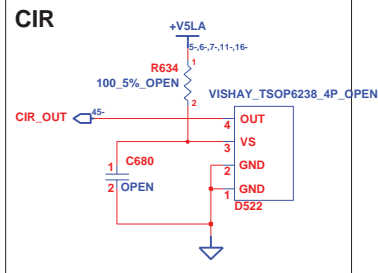


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|---------------|------|--------------|-----|
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| MW10M         |      |              |     |
| SATA HDD CONN |      |              |     |
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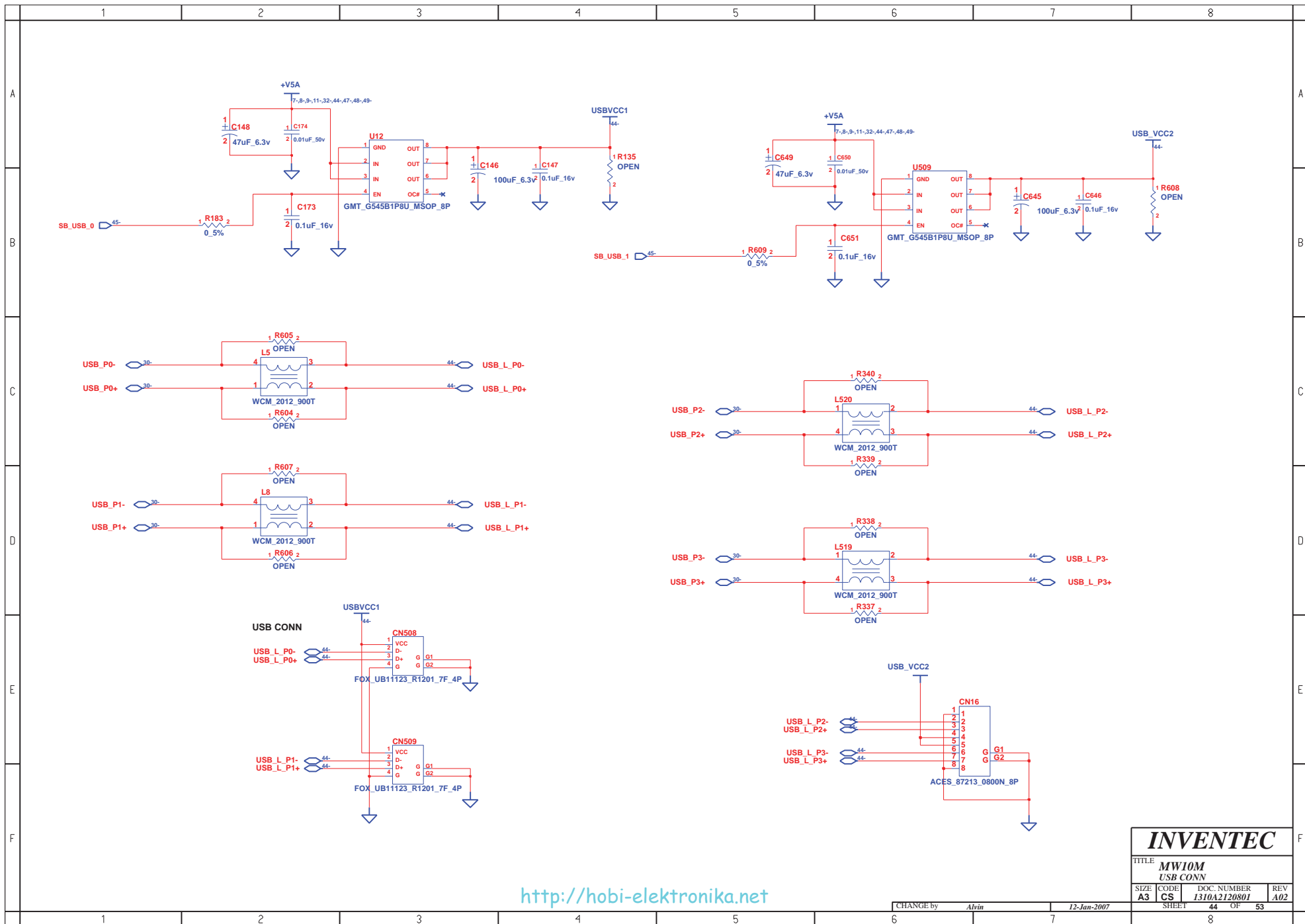


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| MW10M                                |      |              |       |
| Camera&CIR&MDC&Fingerprint&Bluetooth |      |              |       |
| SIZE                                 | CODE | DOC. NUMBER  | REV   |
| A3                                   | CS   | 1310A2120801 | A02   |
| CHANGE by                            |      | 12-Jan-2007  |       |
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|           |       |             |
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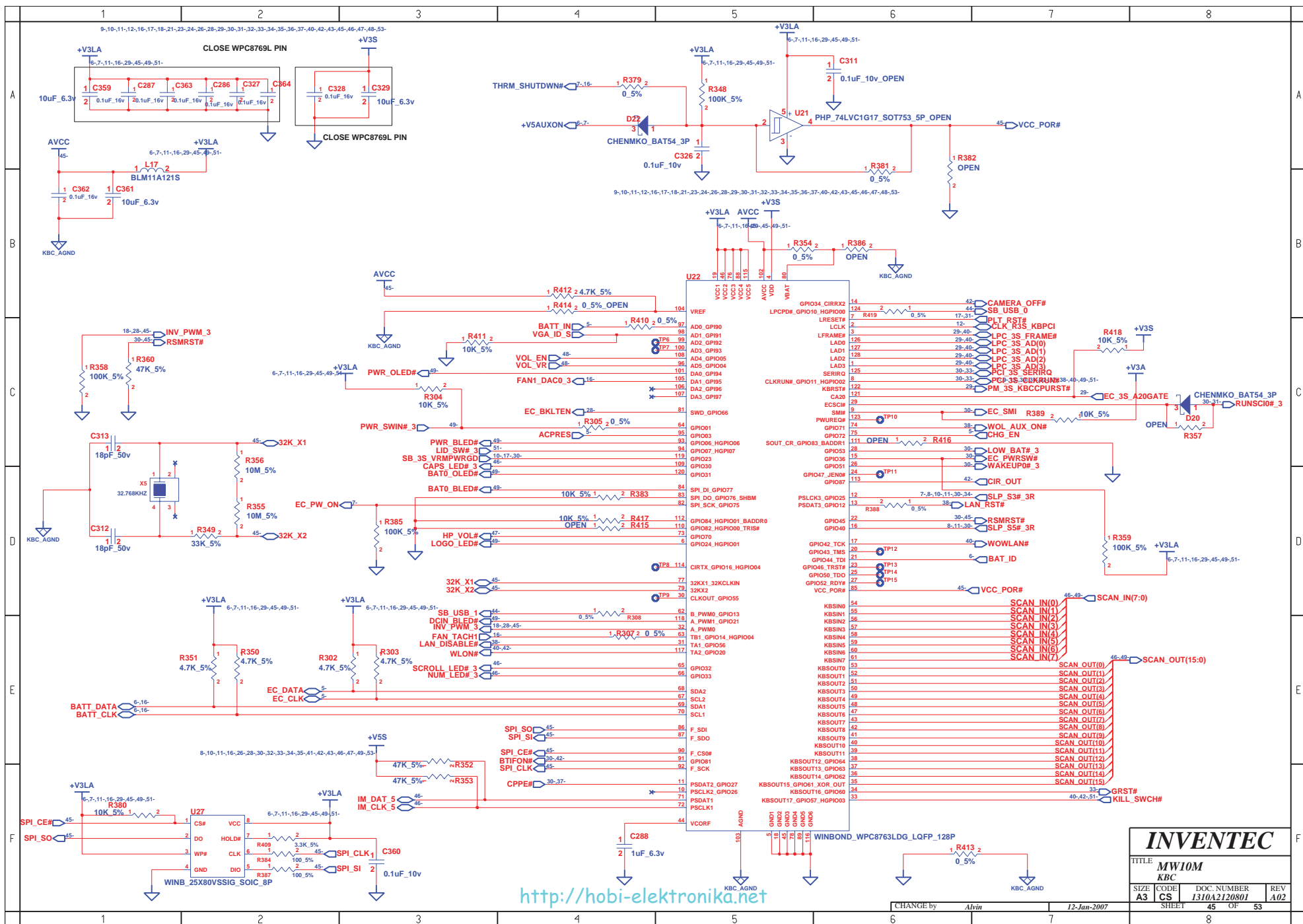
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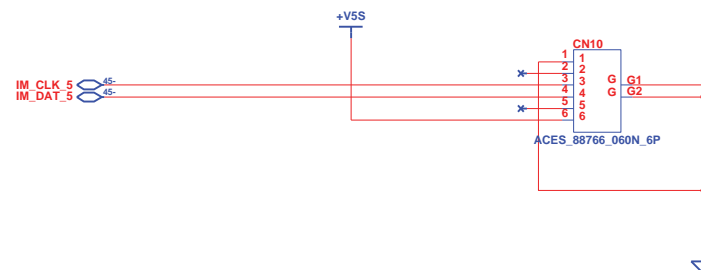
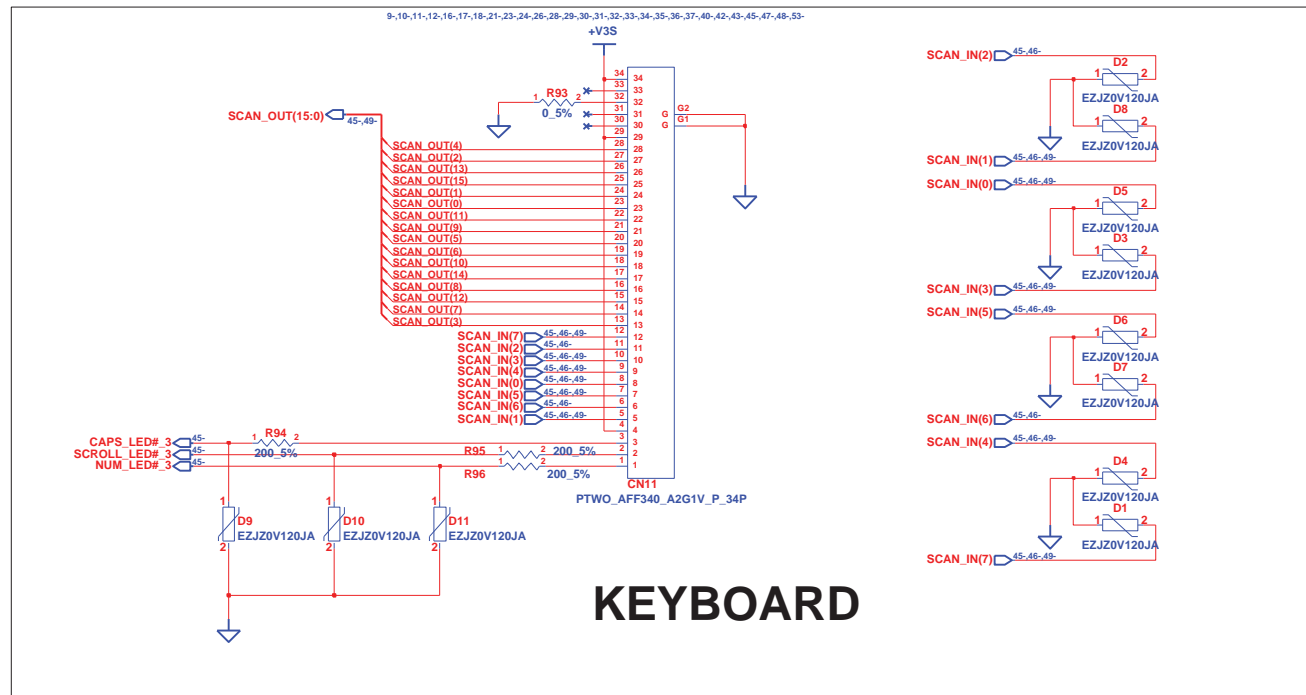
TITLE  
MW10M  
USB CONN

| SIZE | CODE | DOC. NUMBER  | REV |
|------|------|--------------|-----|
| A3   | CS   | 1310A2120801 | A02 |

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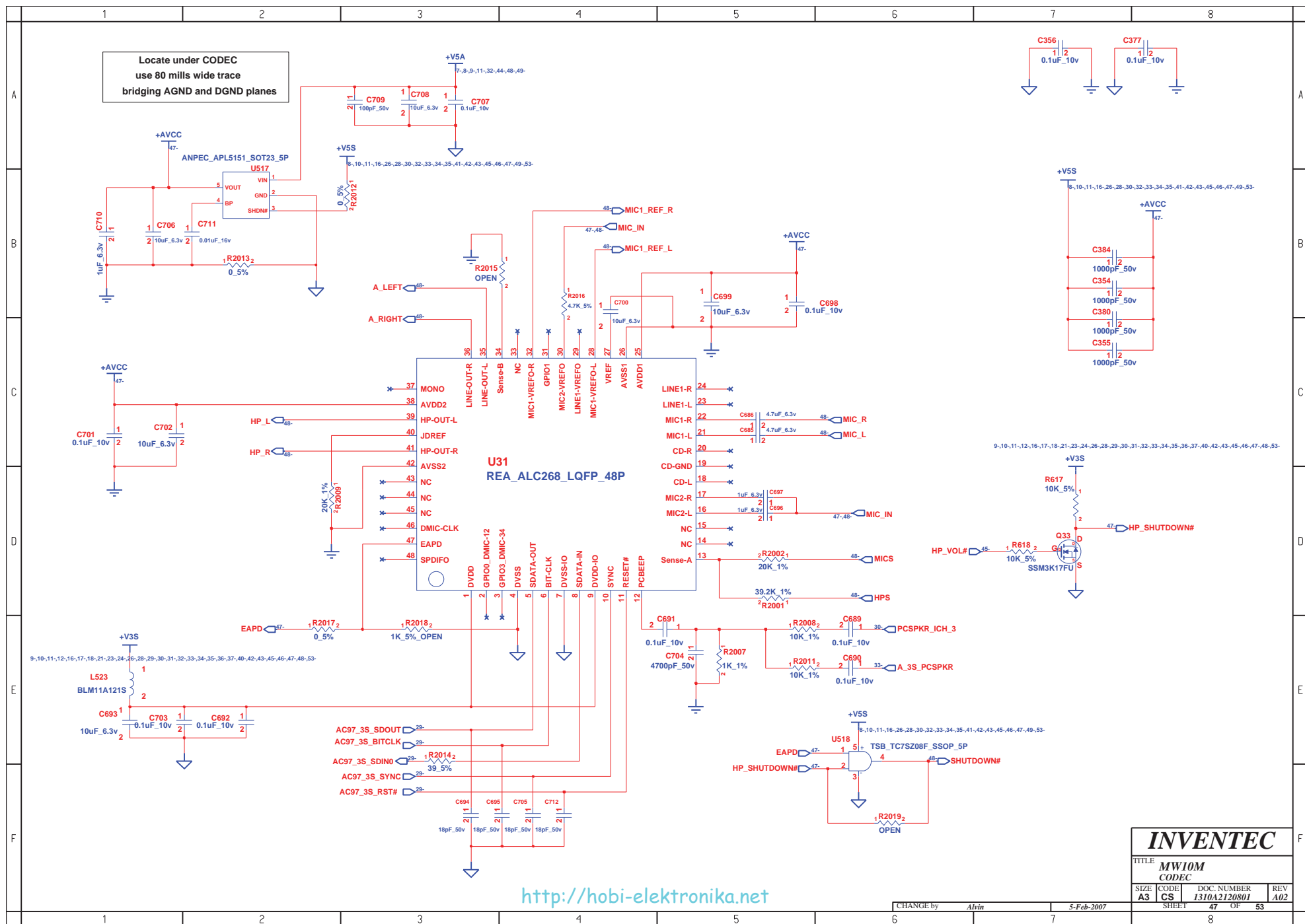
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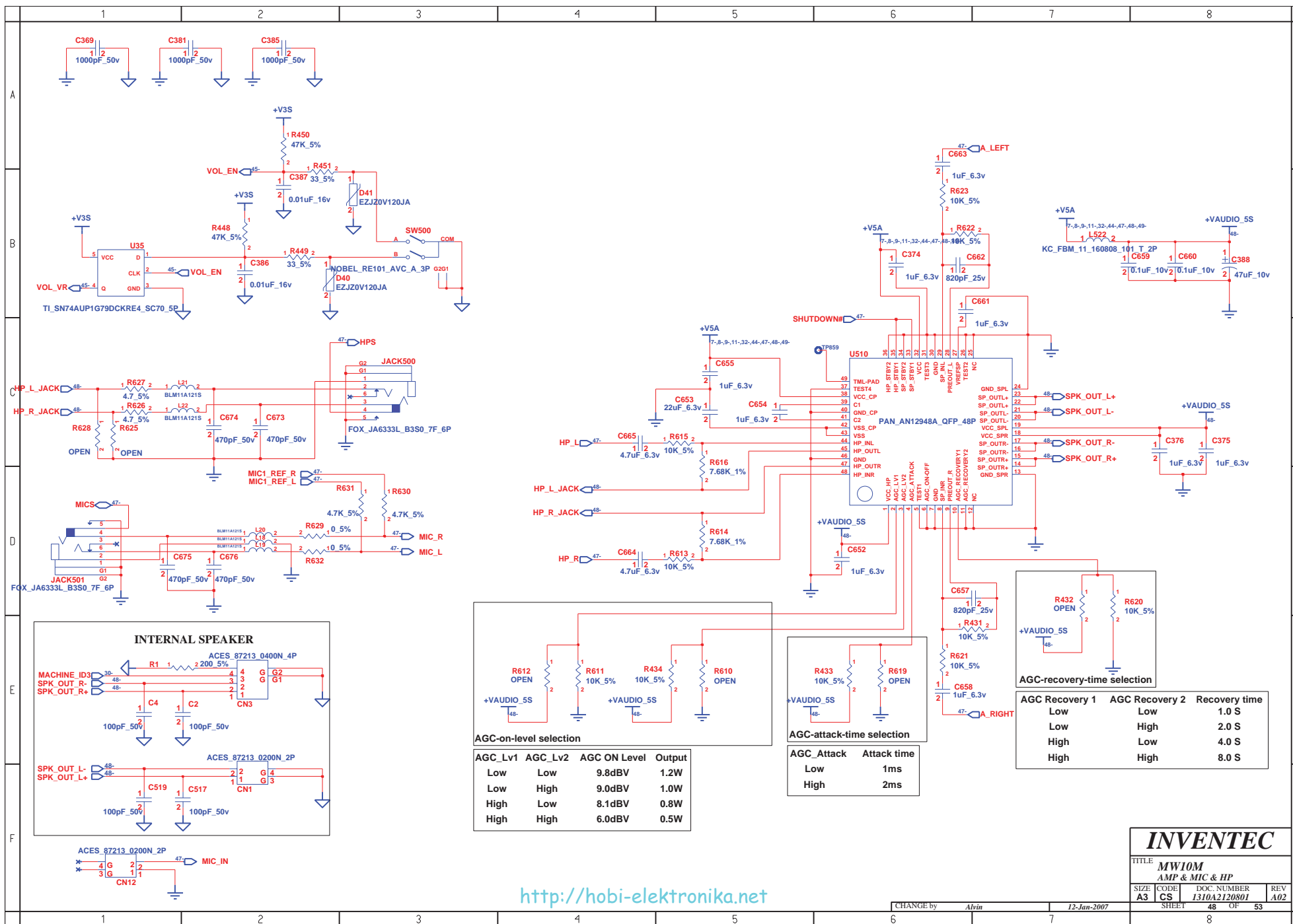




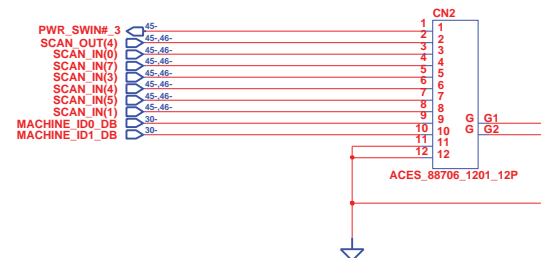
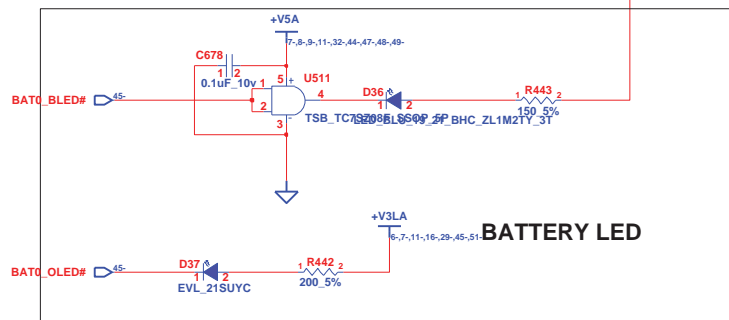
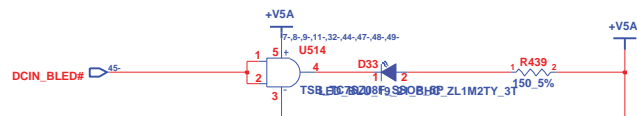
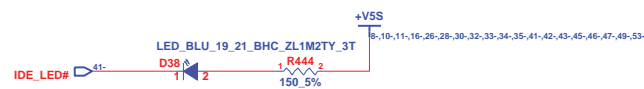
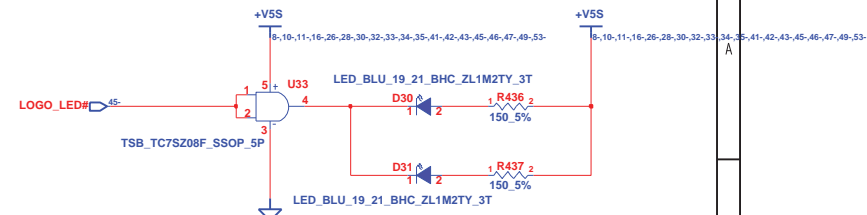
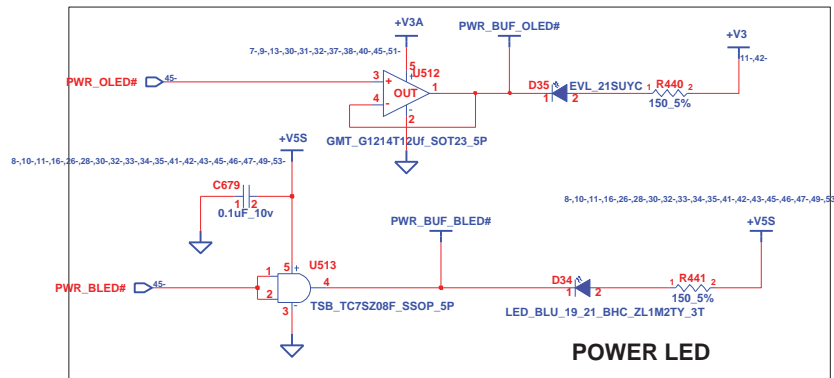
<http://hobi-elektronika.net>

| INVENTEC              |      |              |       |
|-----------------------|------|--------------|-------|
| TITLE                 |      |              |       |
| MW10M                 |      |              |       |
| INT.KBC/POINT DEVICES |      |              |       |
| SIZE                  | CODE | DOC. NUMBER  | REV   |
| A3                    | CS   | 1310A2120801 | A02   |
| CHANGE by             |      | 12-Jan-2007  |       |
| SHEET                 |      | 46           | OF 53 |









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**INVENTEC**

TITLE  
**MW10M  
LED**

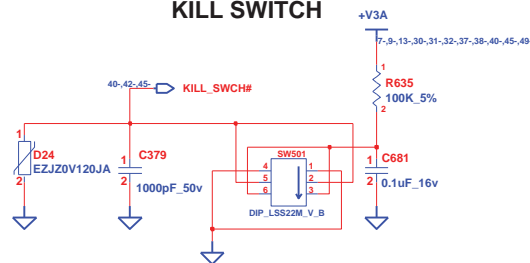
SIZE CODE DOC. NUMBER REV  
**A3 CS 1310A2120801 A02**

CHANGE by Alvin 12-Jan-2007 SHEET 49 OF 53

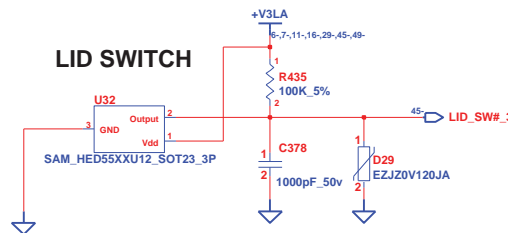
8



### KILL SWITCH



### LID SWITCH



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**INVENTEC**

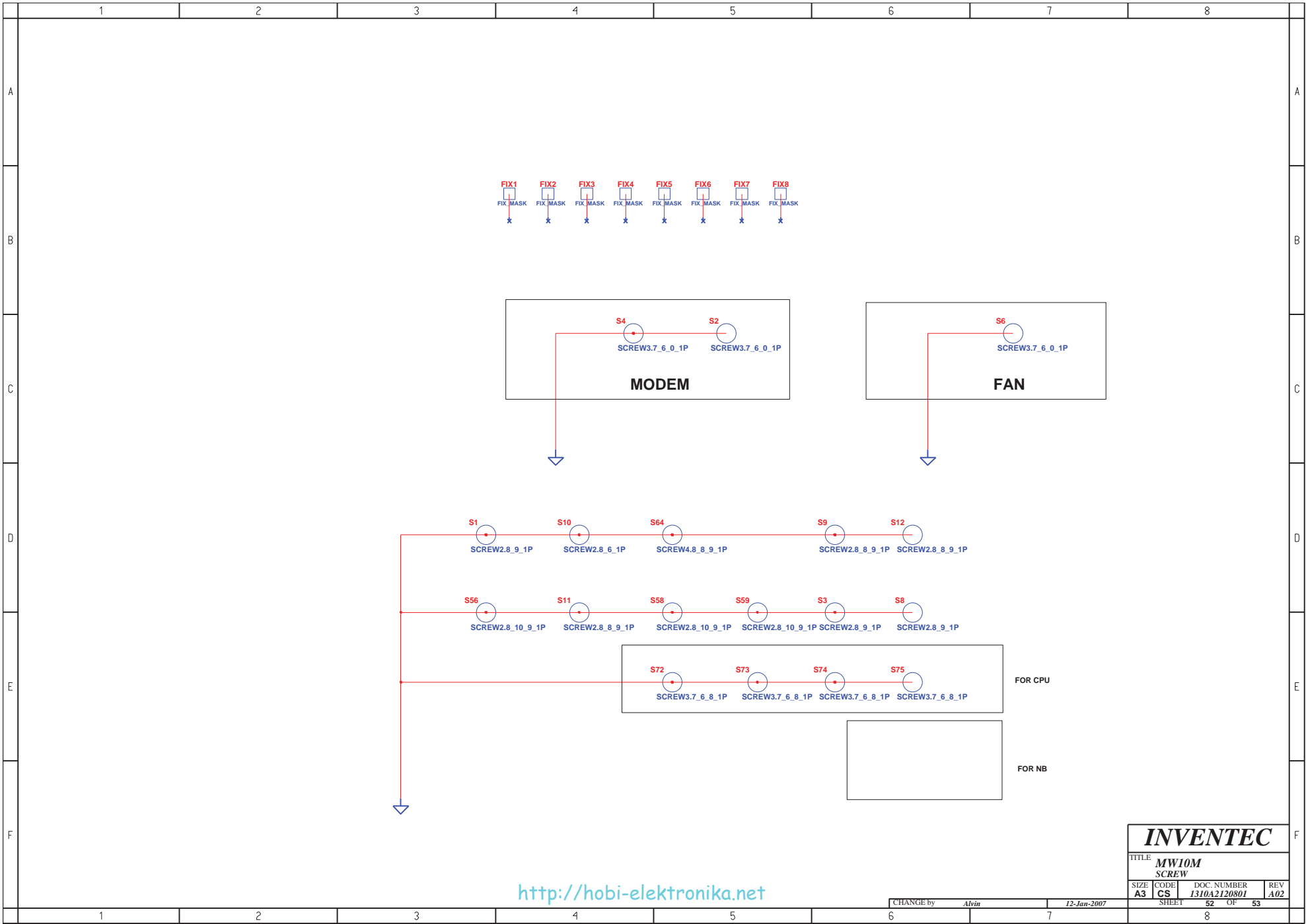
TITLE  
**MW10M**  
**Kill SW & Lid SW**

| SIZE | CODE | DOC. NUMBER  | REV |
|------|------|--------------|-----|
| A3   | CS   | 1310A2120801 | A02 |

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