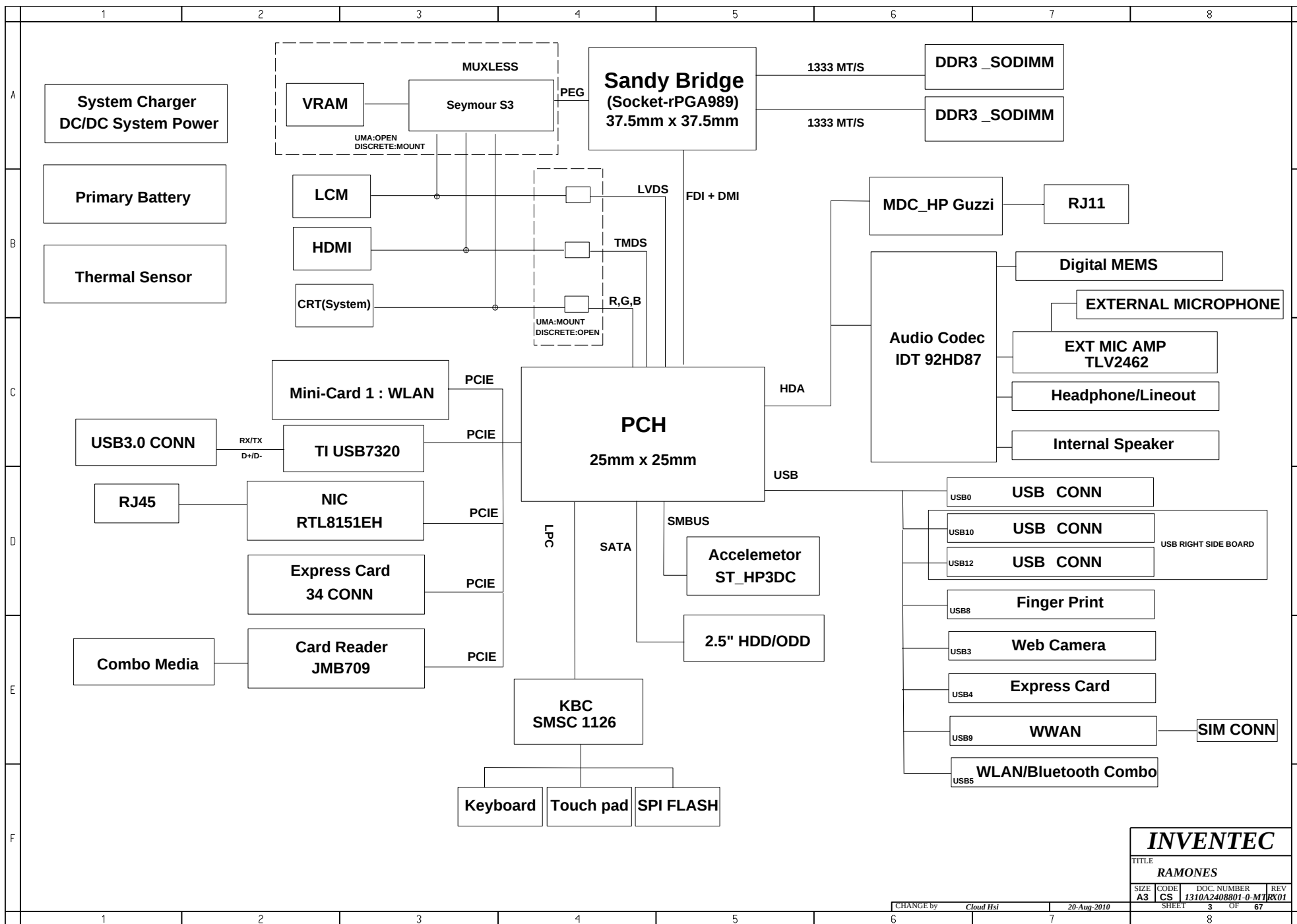


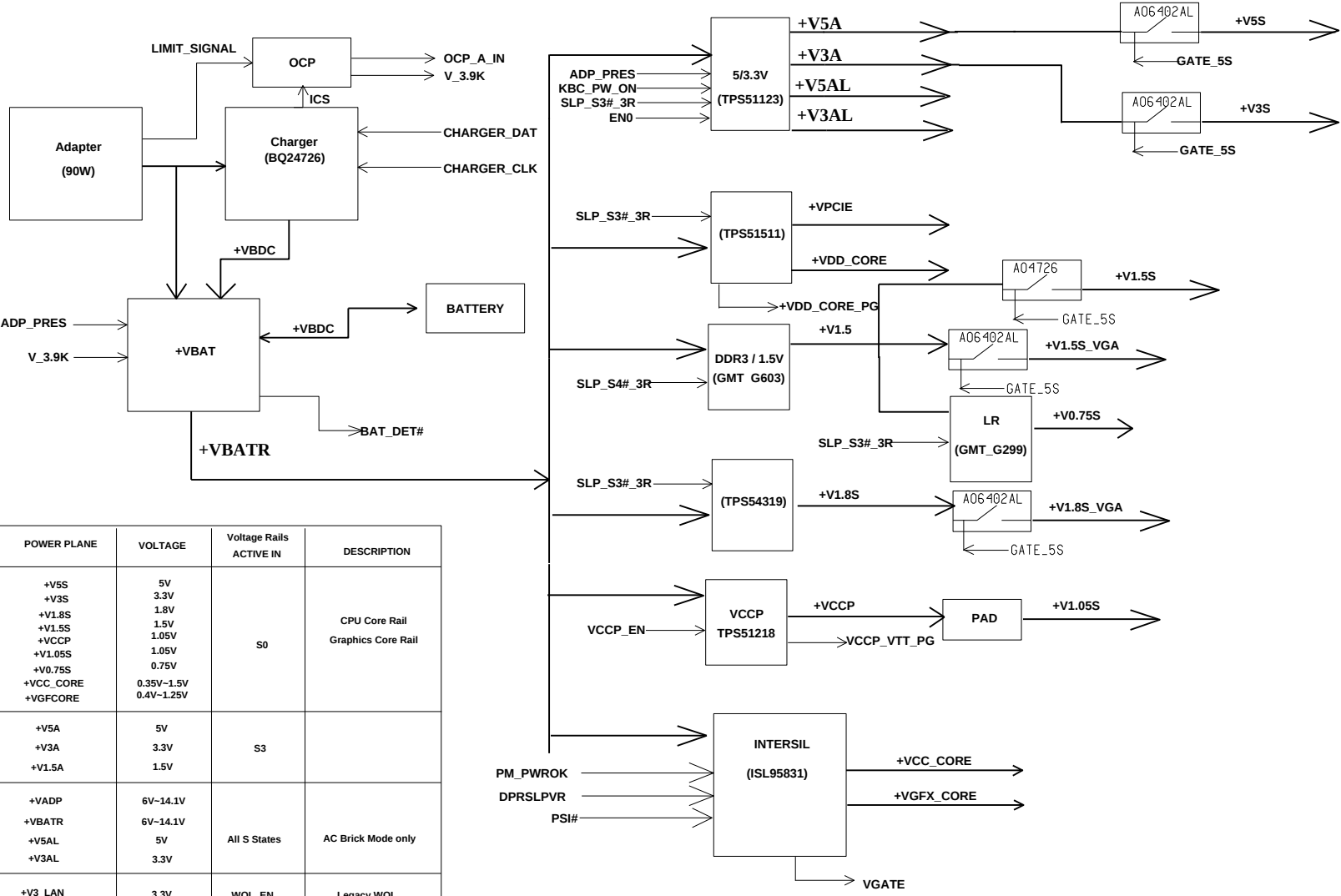
|                            |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------|------|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|----|------|-------|------|--------|--|--|--|--|--------|--|--|--|--|-------|--|--|--|--|-------------|--|--|--|--|----------|--|-------|--|--|----------------------------|--|--|--|--|-----|--------------|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------|--|--|--|---------------|--|--|--|---------|---------|------------------------------|---------|---------|--|-------|--|
|                            | 1                                                                                                                                                                                                                                                                                                                                | 2                            | 3       | 4    | 5 | 6 | 7 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| A                          | THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF INVENTEC CORPORATION AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION, INVENTEC CORPORATION 2009 ALL RIGHT RESERVED<br><br>HSF Property : <b>RoHS</b>                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| B                          |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| C                          | <div>RAMONES</div> <div>DB BUILD</div> <div>2010.08.30</div>                                                                                                                                                                                                                                                                     |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| D                          |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| E                          |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| F                          | <table><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td>DATE</td><td>CHANGE NO.</td><td>REV</td></tr></table> |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  | DATE | CHANGE NO. | REV | <table><tr><td></td><td>EE</td><td>DATE</td><td>POWER</td><td>DATE</td></tr><tr><td>DRAWER</td><td></td><td></td><td></td><td></td></tr><tr><td>DESIGN</td><td></td><td></td><td></td><td></td></tr><tr><td>CHECK</td><td></td><td></td><td></td><td></td></tr><tr><td>RESPONSIBLE</td><td></td><td></td><td></td><td></td></tr><tr><td colspan="2">SIZE = 3</td><td colspan="3">VER :</td></tr><tr><td colspan="5">FILE NAME : XXXX-XXXXXX-XX</td></tr><tr><td>P/N</td><td colspan="4">XXXXXXXXXXXX</td></tr></table> |  |  |  |  |  | EE | DATE | POWER | DATE | DRAWER |  |  |  |  | DESIGN |  |  |  |  | CHECK |  |  |  |  | RESPONSIBLE |  |  |  |  | SIZE = 3 |  | VER : |  |  | FILE NAME : XXXX-XXXXXX-XX |  |  |  |  | P/N | XXXXXXXXXXXX |  |  |  | <table><tr><td colspan="4">INVENTEC</td></tr><tr><td colspan="4">TITLE RAMONES</td></tr><tr><td>SIZE A3</td><td>CODE CS</td><td>DOC. NUMBER 1310A2408801-0-M</td><td>REV P01</td></tr><tr><td colspan="2">SHEET 1</td><td colspan="2">OF 67</td></tr></table> |  |  | INVENTEC |  |  |  | TITLE RAMONES |  |  |  | SIZE A3 | CODE CS | DOC. NUMBER 1310A2408801-0-M | REV P01 | SHEET 1 |  | OF 67 |  |
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|                            |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
|                            |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
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| DRAWER                     |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| DESIGN                     |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
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| SIZE = 3                   |                                                                                                                                                                                                                                                                                                                                  | VER :                        |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| FILE NAME : XXXX-XXXXXX-XX |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| P/N                        | XXXXXXXXXXXX                                                                                                                                                                                                                                                                                                                     |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| INVENTEC                   |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| TITLE RAMONES              |                                                                                                                                                                                                                                                                                                                                  |                              |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| SIZE A3                    | CODE CS                                                                                                                                                                                                                                                                                                                          | DOC. NUMBER 1310A2408801-0-M | REV P01 |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
| SHEET 1                    |                                                                                                                                                                                                                                                                                                                                  | OF 67                        |         |      |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |
|                            | 1                                                                                                                                                                                                                                                                                                                                | 2                            | 3       | 4    | 5 | 6 | 7 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |    |      |       |      |        |  |  |  |  |        |  |  |  |  |       |  |  |  |  |             |  |  |  |  |          |  |       |  |  |                            |  |  |  |  |     |              |  |  |  |                                                                                                                                                                                                                                                               |  |  |          |  |  |  |               |  |  |  |         |         |                              |         |         |  |       |  |

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| 15- POWER(SEQUENCE)                       | 45- USB2.0 CNTR                      |                            |
| 16- FAN & THERMAL                         | 46- USB3.0_CONTROLLER                |                            |
| 17- XDP CONN                              | 47- USB3.0                           |                            |
| 18- SANDY BRIDGE1                         | 48- FINGER PRINTER                   |                            |
| 19- SANDY BRIDGE2                         | 49- ACCELEMETOR                      |                            |
| 20- SANDY BRIDGE3                         | 50- KBC & SPI                        |                            |
| 21- SANDY BRIDGE4                         | 51- KB & TOUCH PAD                   |                            |
| 22- SANDY BRIDGE5                         | 52- MDC                              |                            |
| 23- SANDY BRIDGE6                         | 53- LAN INTERFACE                    |                            |
| 24- DDR3-DIMM0                            | 54- LAN RJ45 CNTR                    |                            |
| 25- DDR3-DIMM1                            | 55- WWAN & WLAN & SIM                |                            |
| 26- Seymour-S3-1                          | 56- EXPRESS CARD                     |                            |
| 27- Seymour-S3-1                          | 57- AUDIO CODEC                      |                            |
| 28- Seymour-S3-1                          | 58-POWER BUTTON CONNECTOR            |                            |
| 29- Seymour-S3-1                          | 59-SCREW                             |                            |
| 30- VRAM1                                 | 60- STITCHING CAPS                   |                            |
| 31- VRAM2                                 | 61-CARD Reader & Audio Jack BOARD 1  |                            |
| 32- PCH1                                  | 62- CARD Reader & Audio Jack BOARD 2 |                            |
| 33- PCH2                                  | 63- DIGITAL MIC BOARD                |                            |

|                        |            |                                  |             |
|------------------------|------------|----------------------------------|-------------|
| <b>INVENTEC</b>        |            |                                  |             |
| TITLE<br>RAMONES       |            |                                  |             |
| SIZE<br>A3             | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-M1 | REV<br>R001 |
| CHANGE by<br>Cloud Hsi |            | 4-Aug-2010                       |             |
| SHEET<br>2             |            | OF<br>67                         |             |





| POWER PLANE                                                                              | VOLTAGE                                                                           | Voltage Rails<br>ACTIVE IN | DESCRIPTION                                    |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------|------------------------------------------------|
| +V5S<br>+V3S<br>+V1.8S<br>+V1.5S<br>+VCCP<br>+V1.05S<br>+V0.75S<br>+VCC_CORE<br>+VGFCORE | 5V<br>3.3V<br>1.8V<br>1.5V<br>1.05V<br>1.05V<br>0.75V<br>0.35V~1.5V<br>0.4V~1.25V | S0                         | CPU Core Rail<br>Graphics Core Rail            |
| +V5A<br>+V3A<br>+V1.5A                                                                   | 5V<br>3.3V<br>1.5V                                                                | S3                         |                                                |
| +VADP<br>+VBATR<br>+V5AL<br>+V3AL                                                        | 6V~14.1V<br>6V~14.1V<br>5V<br>3.3V                                                | All S States               | AC Brick Mode only                             |
| +V3_LAN                                                                                  | 3.3V                                                                              | WOL_EN                     | Legacy WOL                                     |
| RTC                                                                                      | 3.3V                                                                              | G3 , Sx                    | Power by Li Coin Cell<br>in G3 and +V3AL in Sx |

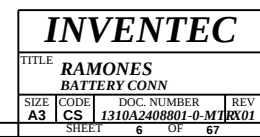
INVENTEC

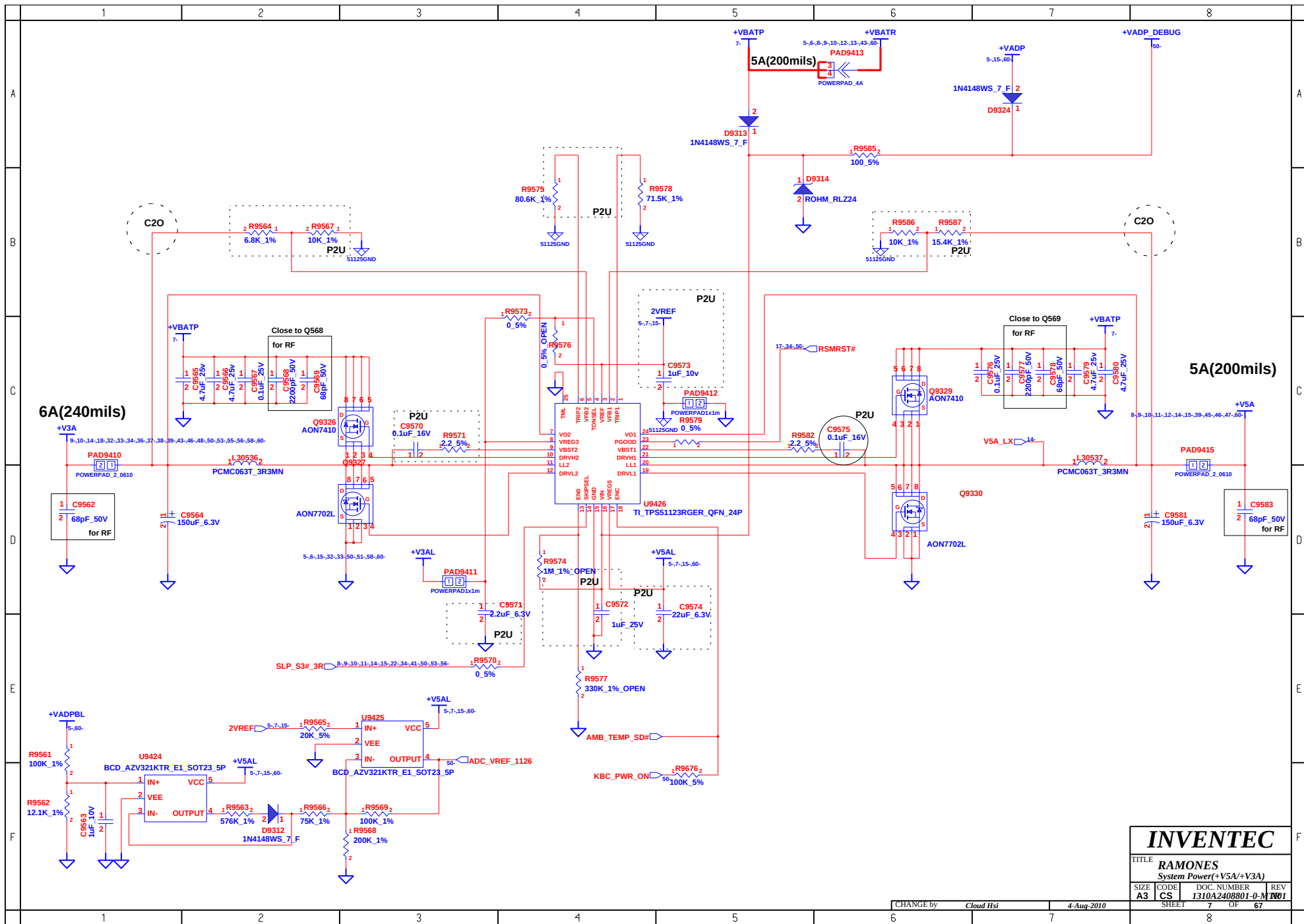
TITLE  
RAMONES

|            |            |                                  |             |
|------------|------------|----------------------------------|-------------|
| SIZE<br>A3 | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-M1 | REV<br>R001 |
| SHEET<br>4 |            | OF<br>67                         |             |

CHANGE by Cloud Hsi 24-Aug-2010





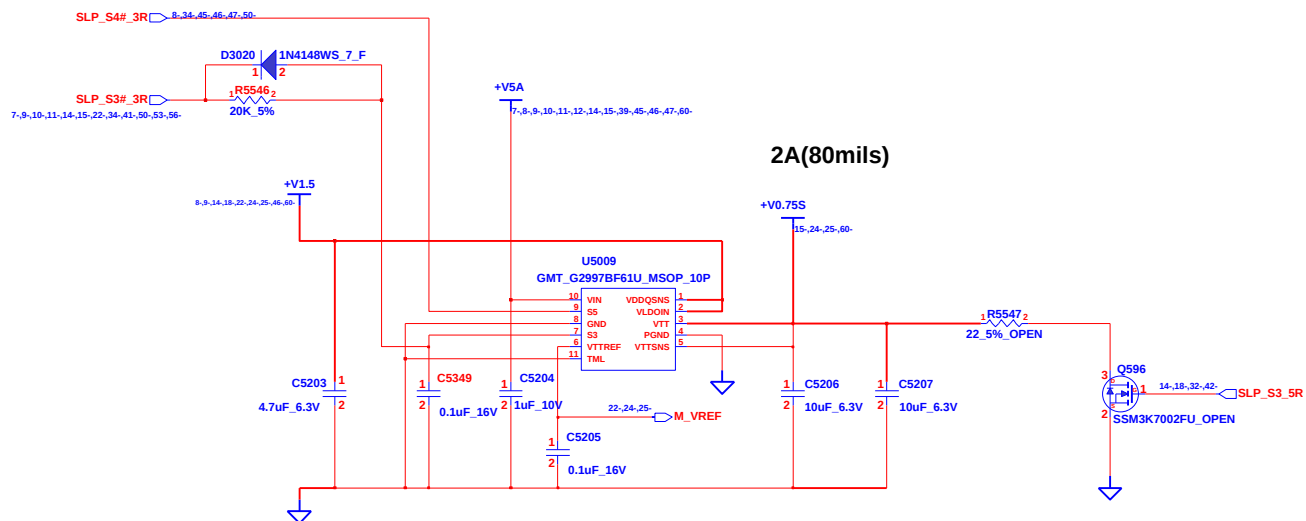
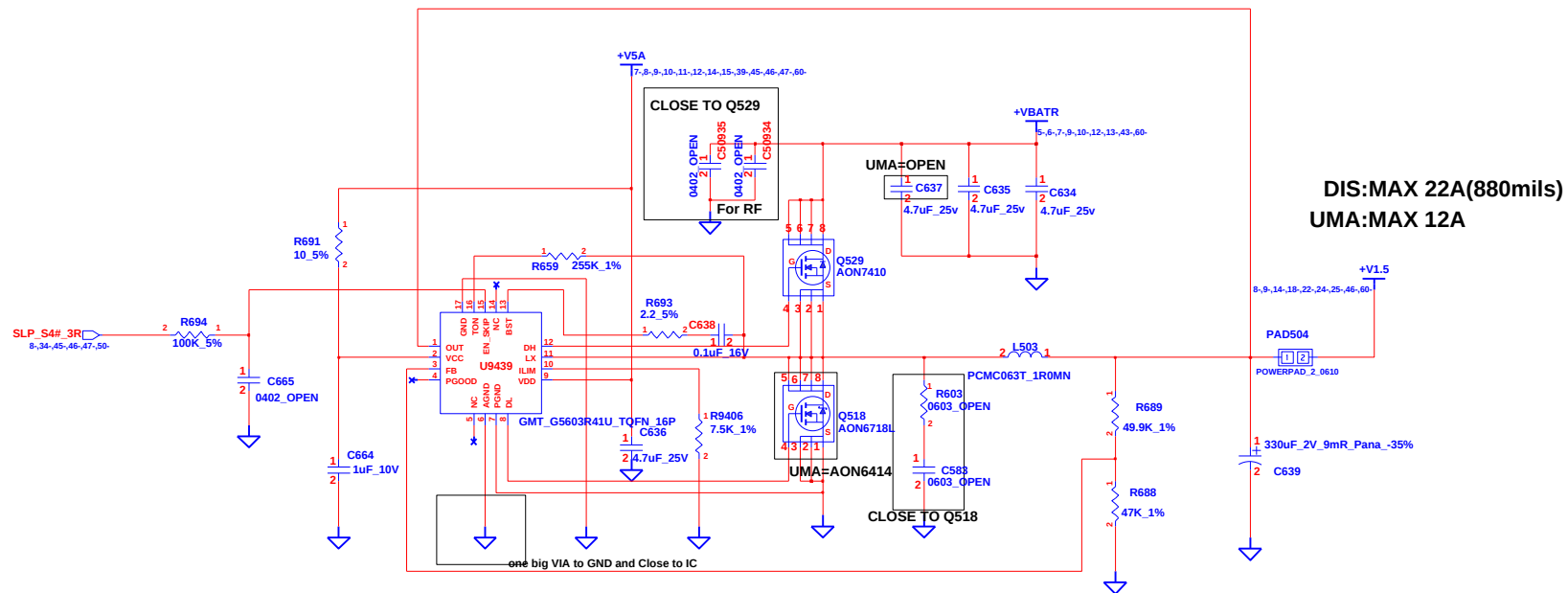


# INVENTEC

|                                             |            |                                 |           |
|---------------------------------------------|------------|---------------------------------|-----------|
| TITLE<br>RAMONES<br>System Power(+V5A/+V3A) |            |                                 |           |
| SIZE<br>A3                                  | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-M | REV<br>01 |

CHANGE by Cloud Hsi 4-Aug-2010

SHEET 7 OF 67



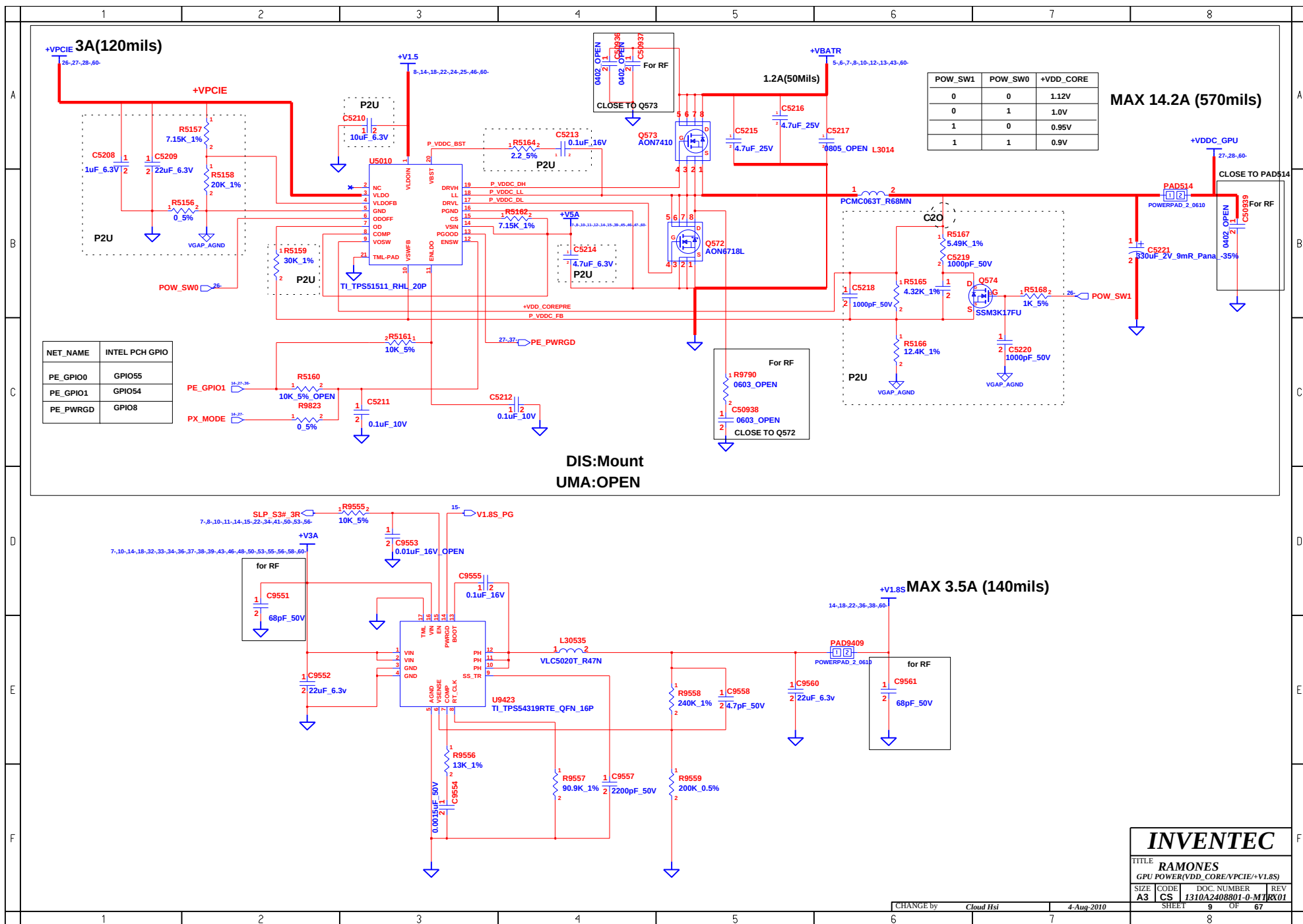
NOTE: DDR3 REGULATOR

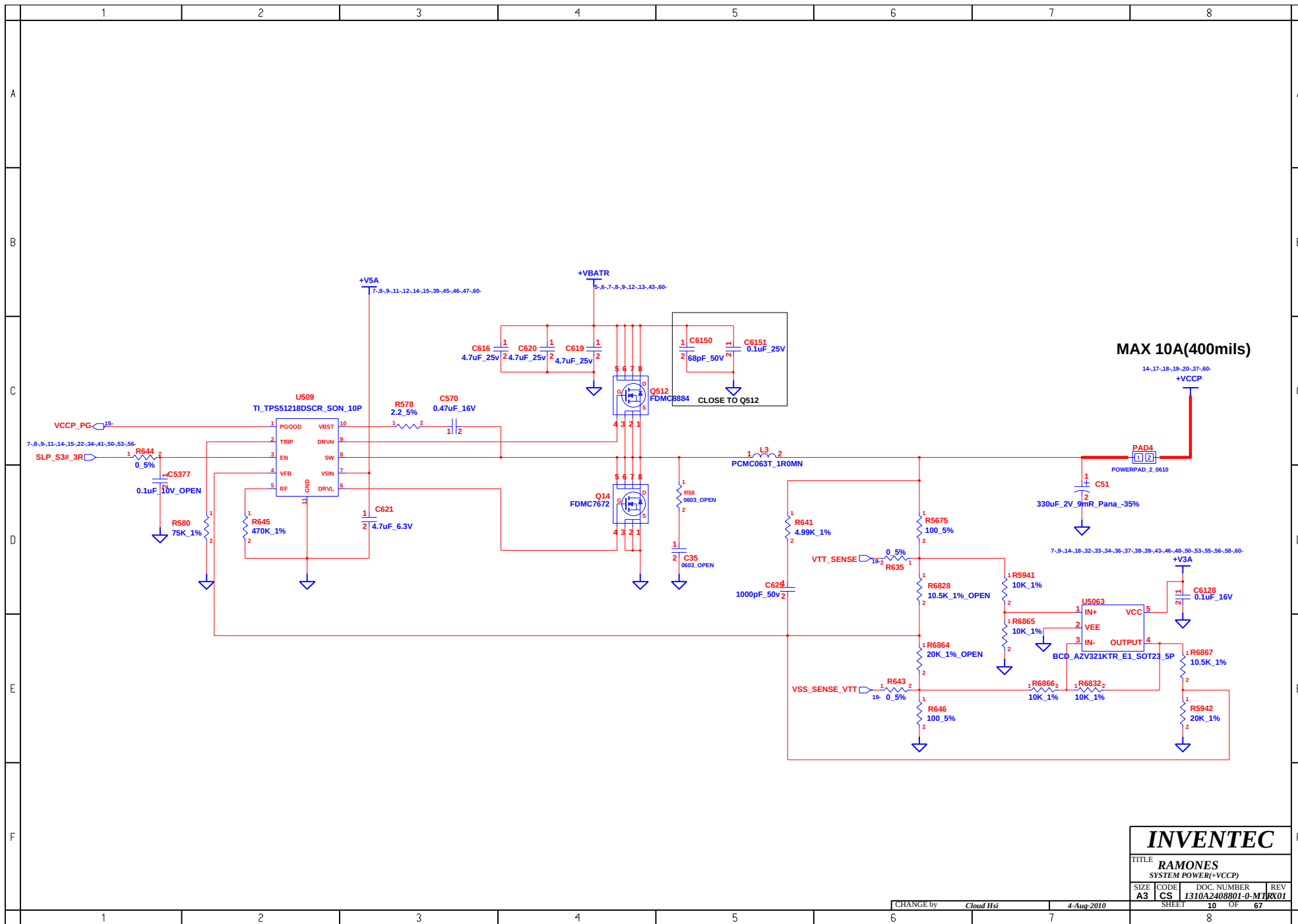
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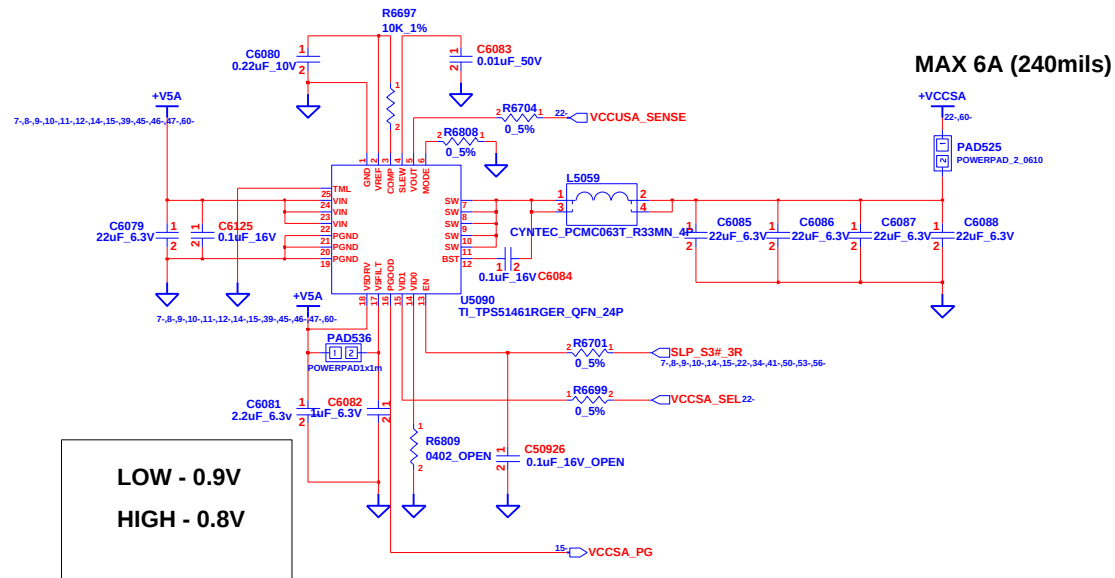
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|-----------------------------|------|-------------------|------|
| TITLE                       |      |                   |      |
| RAMONES                     |      |                   |      |
| SYSTEM POWER(+V1.5/+V0.75S) |      |                   |      |
| SIZE                        | CODE | DOC. NUMBER       | REV  |
| A3                          | CS   | 1310A2408801-0-MT | R001 |

CHANGE by Cloud Hsi 4-Aug-2010

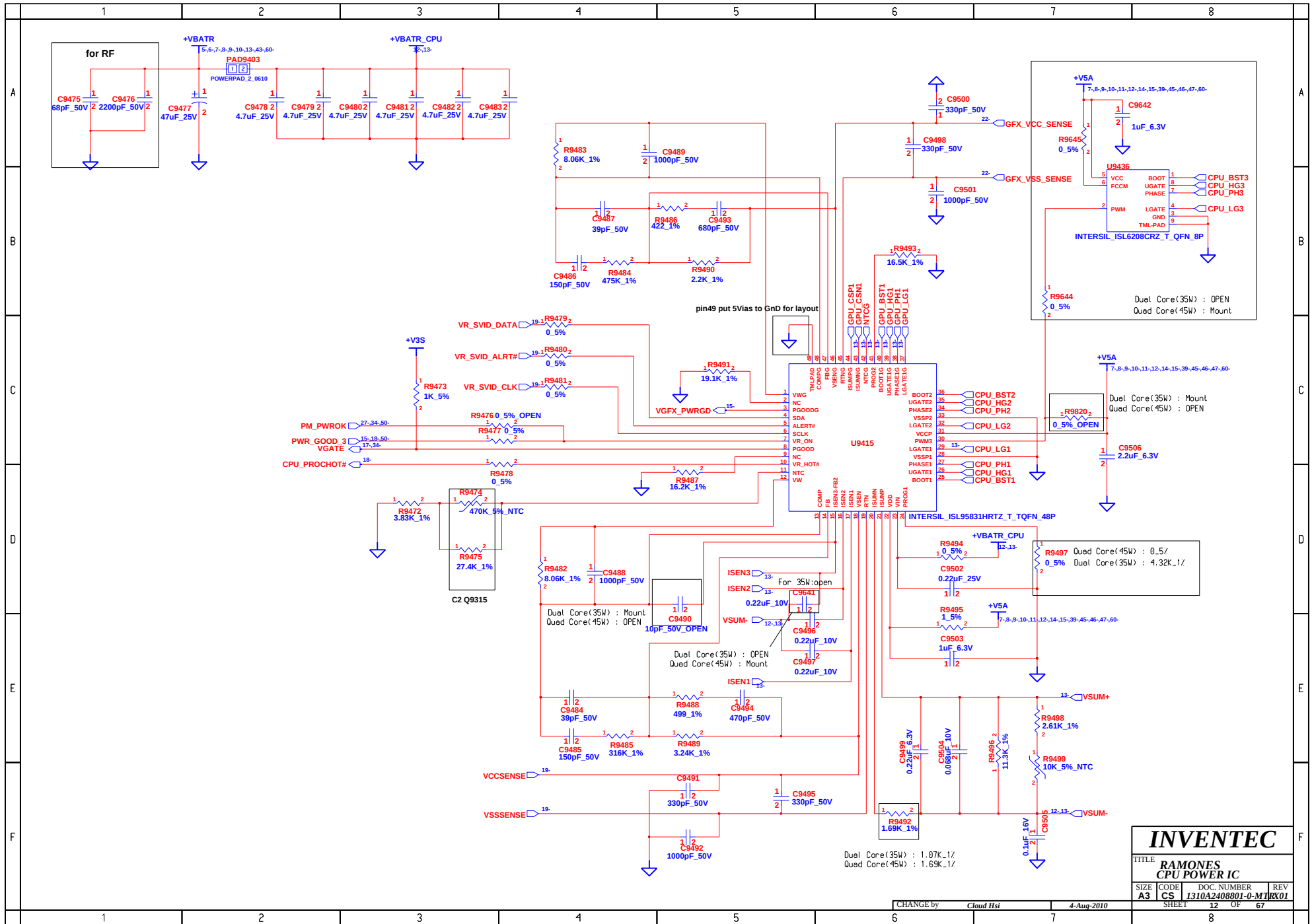
SHEET 8 OF 67

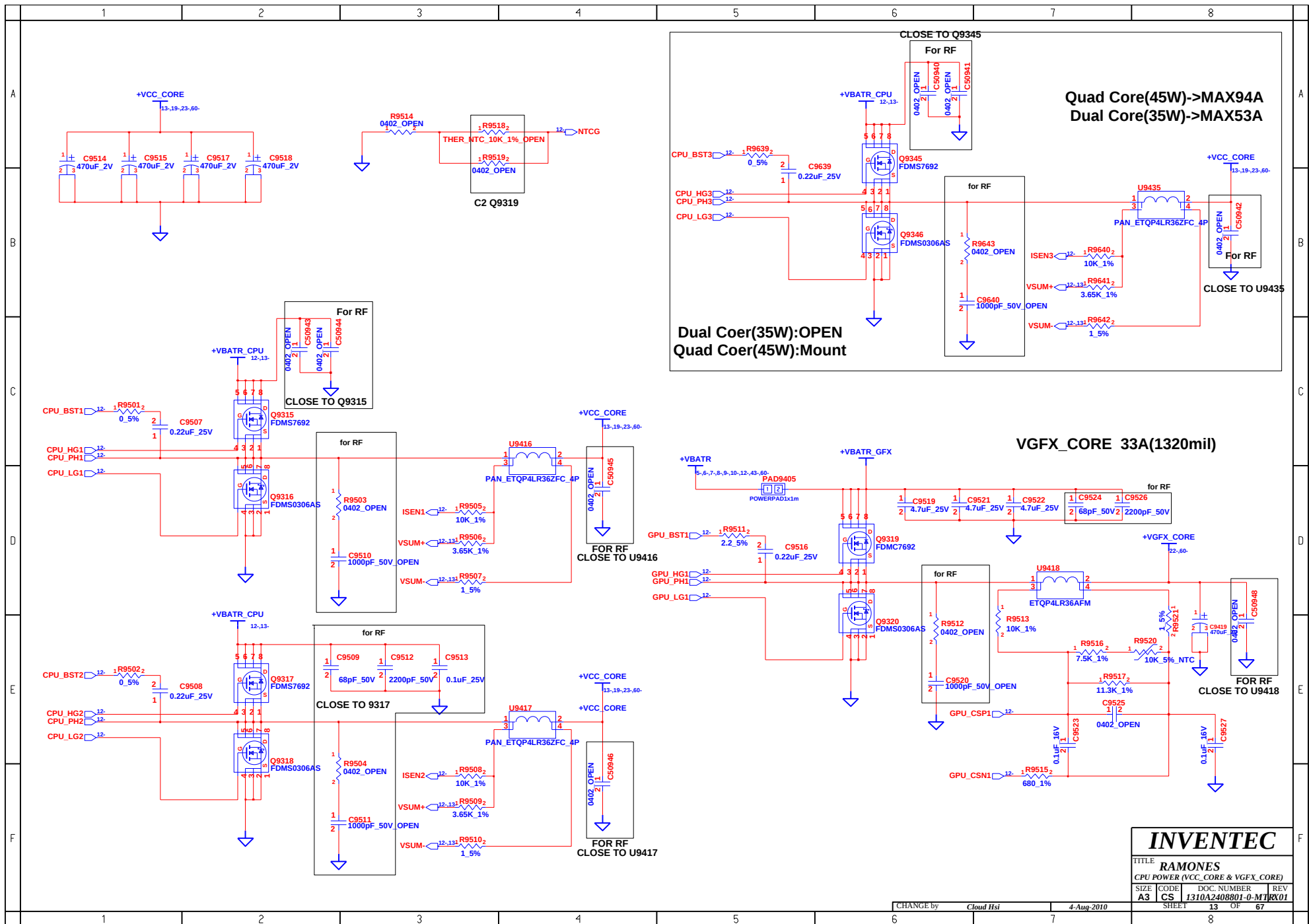


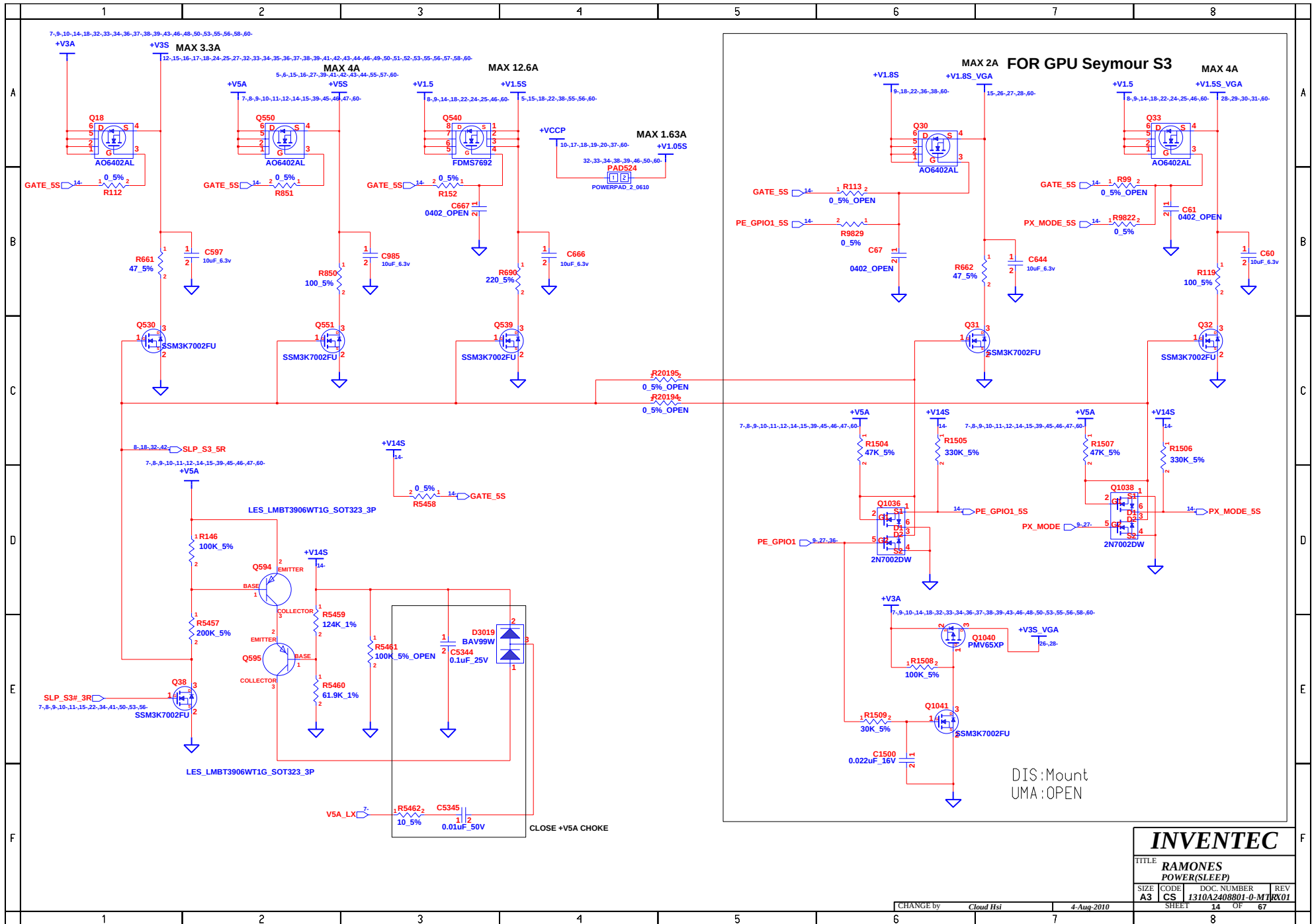




| INVENTEC                              |            |                                  |             |
|---------------------------------------|------------|----------------------------------|-------------|
| TITLE<br>RAMONES<br>CPU POWER(+VCCSA) |            |                                  |             |
| SIZE<br>A3                            | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-M1 | REV<br>R001 |
| CHANGE by<br>Cloud Hsi                |            | 4-Aug-2010                       |             |
| SHEET<br>11                           |            | OF<br>67                         |             |



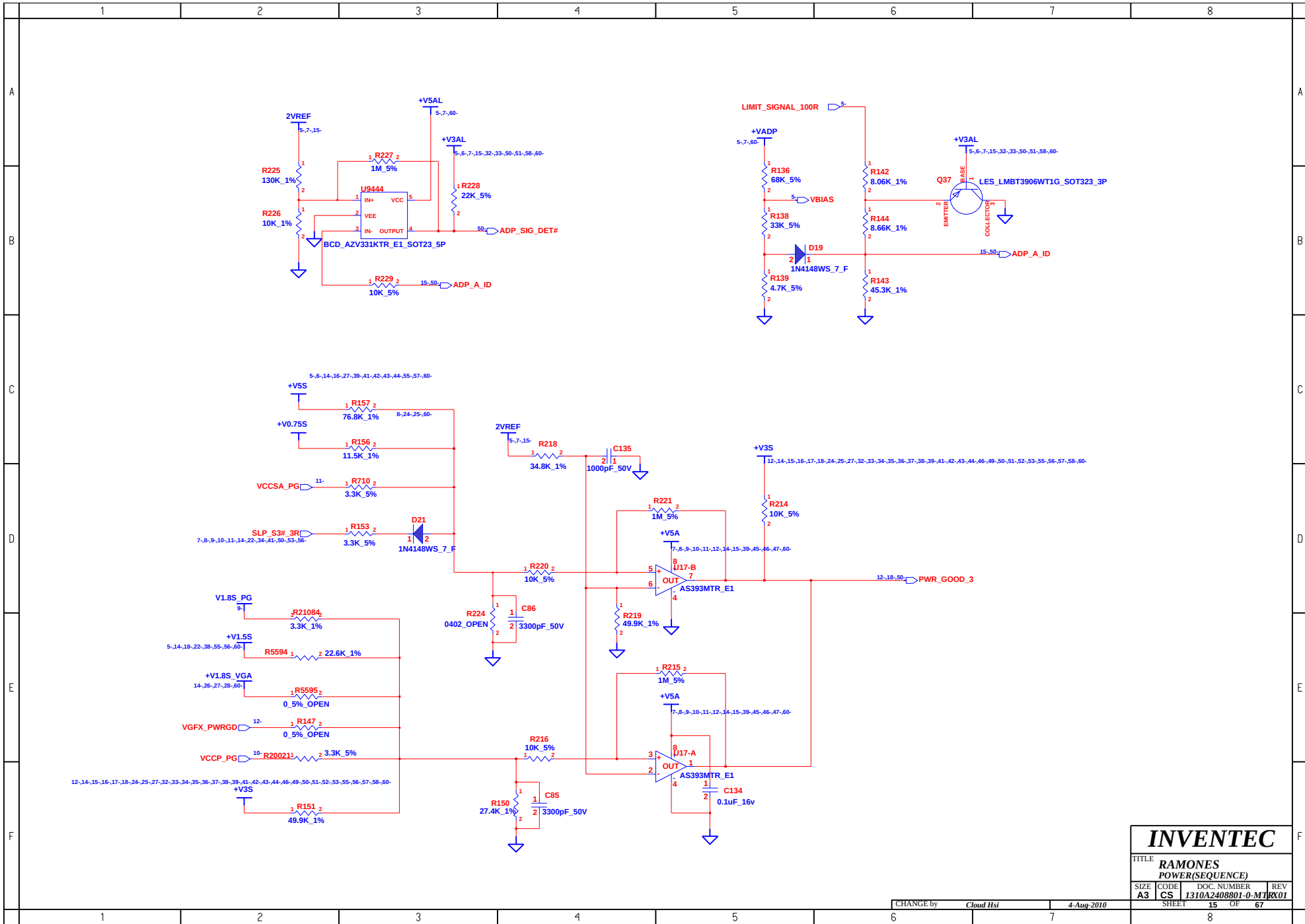




**INVENTEC**

|                                          |                   |                                         |                    |
|------------------------------------------|-------------------|-----------------------------------------|--------------------|
| TITLE<br><b>RAMONES<br/>POWER(SLEEP)</b> |                   |                                         |                    |
| SIZE<br><b>A3</b>                        | CODE<br><b>CS</b> | DOC. NUMBER<br><b>1310A2408801-0-MT</b> | REV<br><b>R001</b> |
| SHEET<br><b>14</b>                       |                   | OF<br><b>67</b>                         |                    |

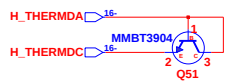
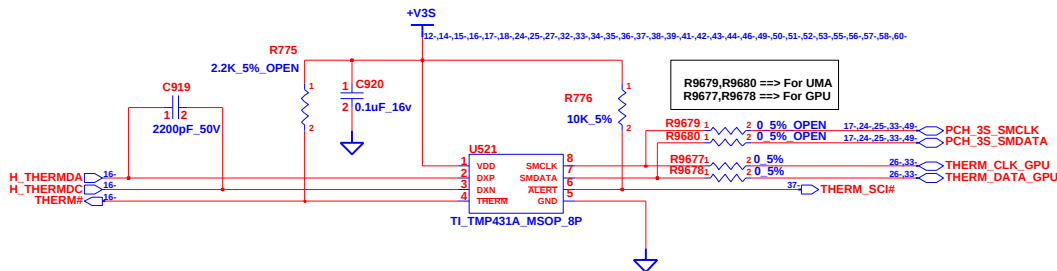
CHANGE by **Cloud Hsi** 4-Aug-2010



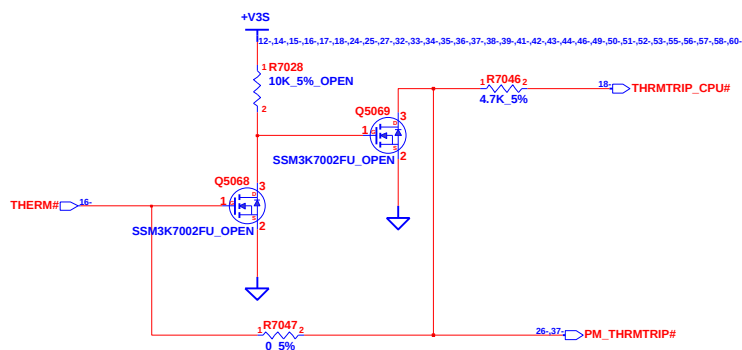
INVENTEC

|                 |      |                   |       |
|-----------------|------|-------------------|-------|
| TITLE           |      |                   |       |
| RAMONES         |      |                   |       |
| POWER(SEQUENCE) |      |                   |       |
| SIZE            | CODE | DOC. NUMBER       | REV   |
| A3              | CS   | 1310A2408801-0-M1 | R001  |
| SHEET           |      | 15                | OF 67 |

# FAN



# THERM SENSOR

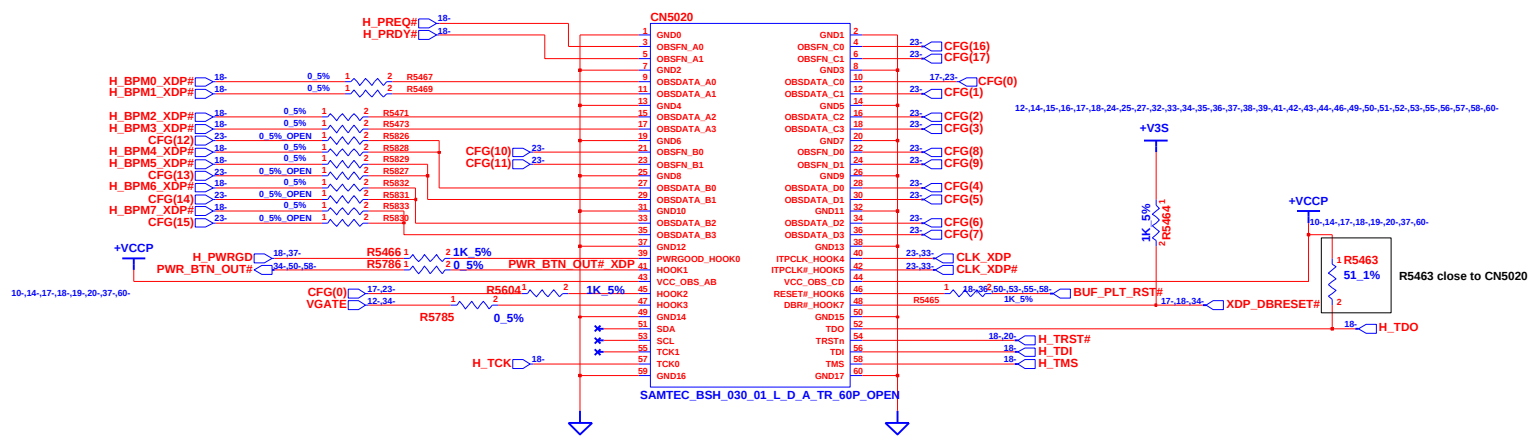


**INVENTEC**

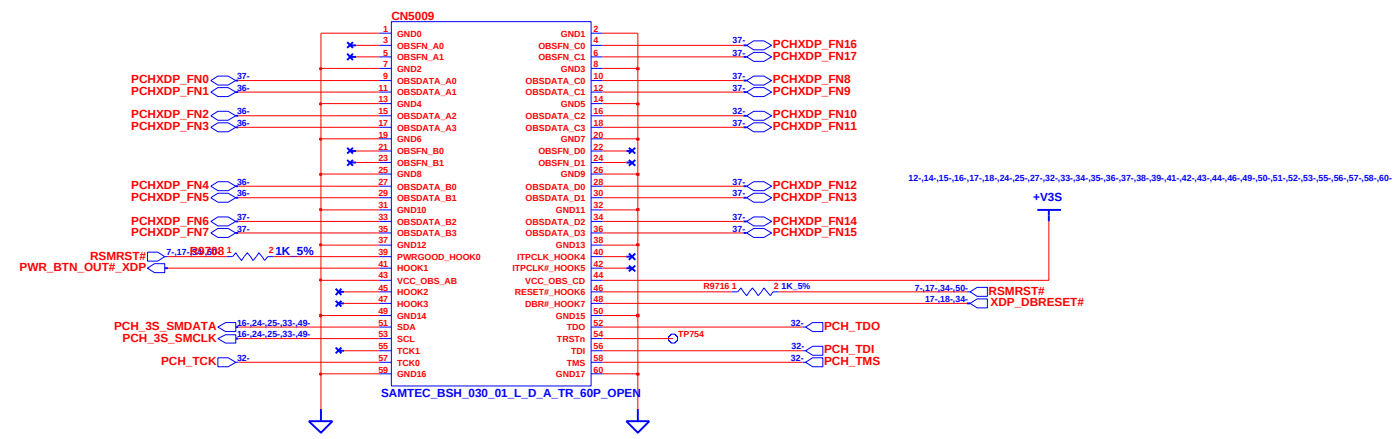
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|--------------------------|------|-------------------|------|
| TITLE                    |      |                   |      |
| RAMONES                  |      |                   |      |
| THERMAL & FAN CONTROLLER |      |                   |      |
| SIZE                     | CODE | DOC. NUMBER       | REV  |
| A3                       | CS   | 1310A2408801-0-MT | R001 |

CHANGE by Cloud Hsi 4-Aug-2010

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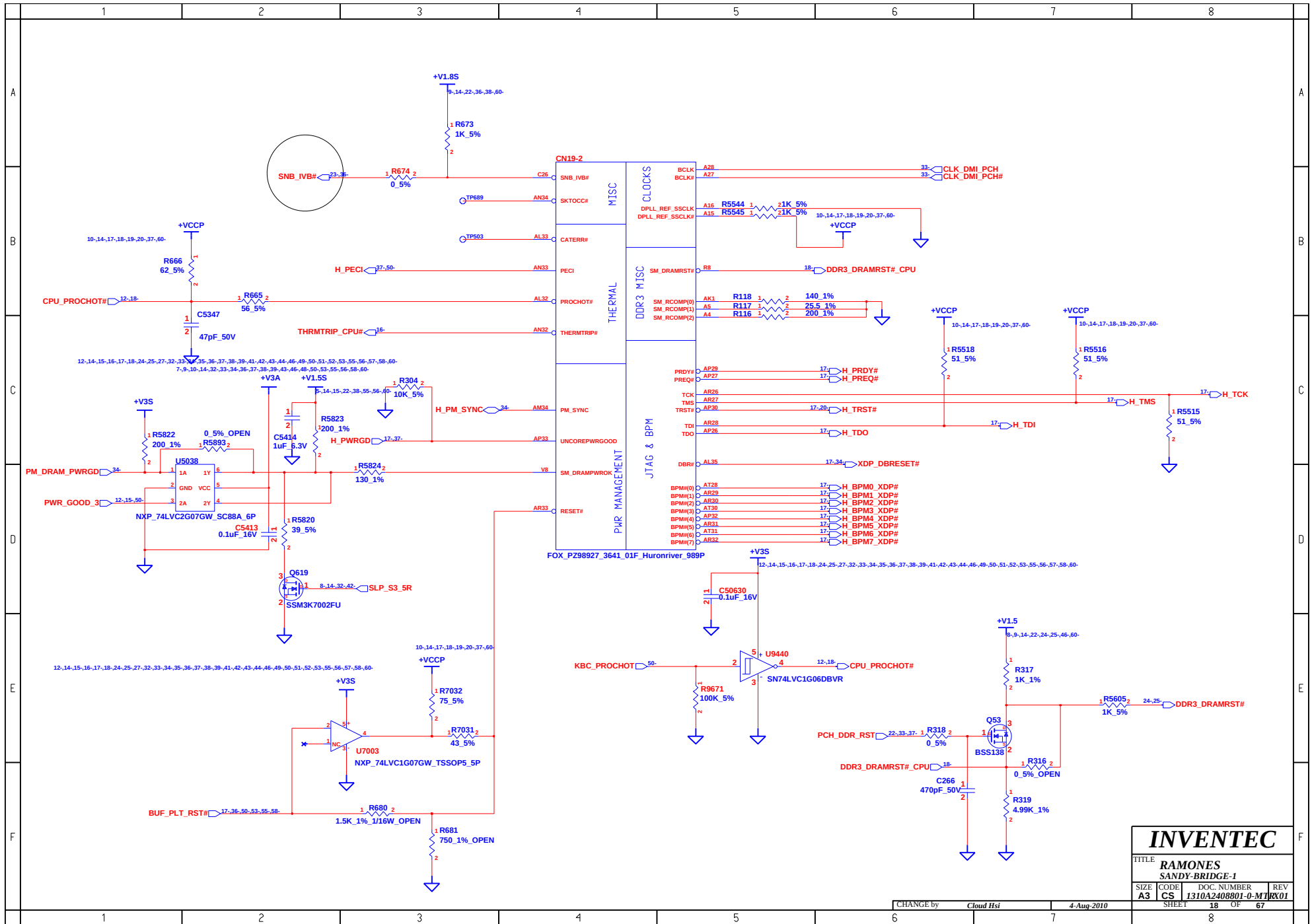
# CPU XDP CONNECTOR



# PCH XDP CONNECTOR

| INVENTEC                         |         |                               |          |
|----------------------------------|---------|-------------------------------|----------|
| TITLE RAMONES CPU & PCH XDP CNTR |         |                               |          |
| SIZE A3                          | CODE CS | DOC. NUMBER 1310A2408801-0-M1 | REV R001 |
| SHEET 17                         |         | OF 67                         |          |

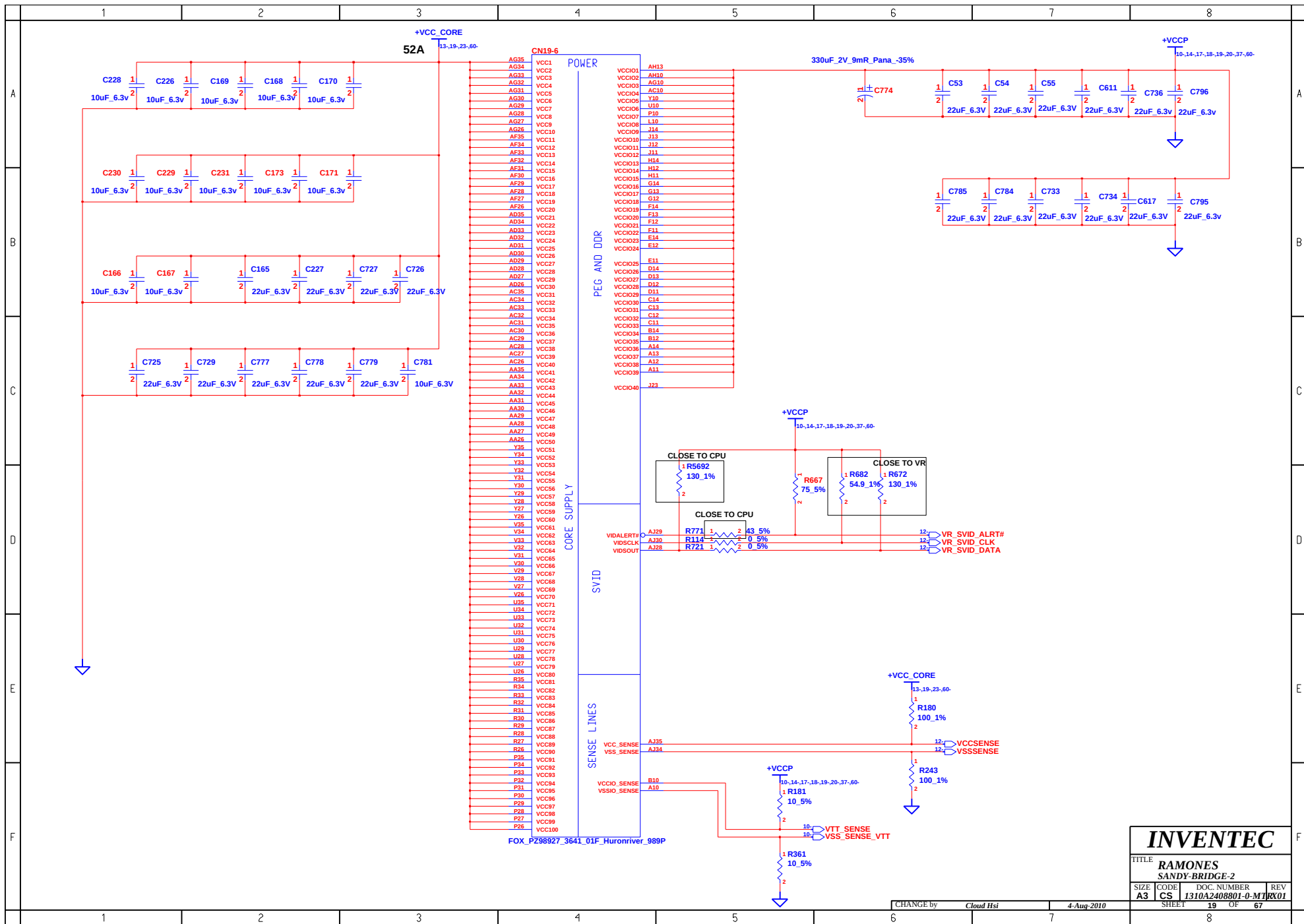
CHANGE by Cloud Hsi 4-Aug-2010



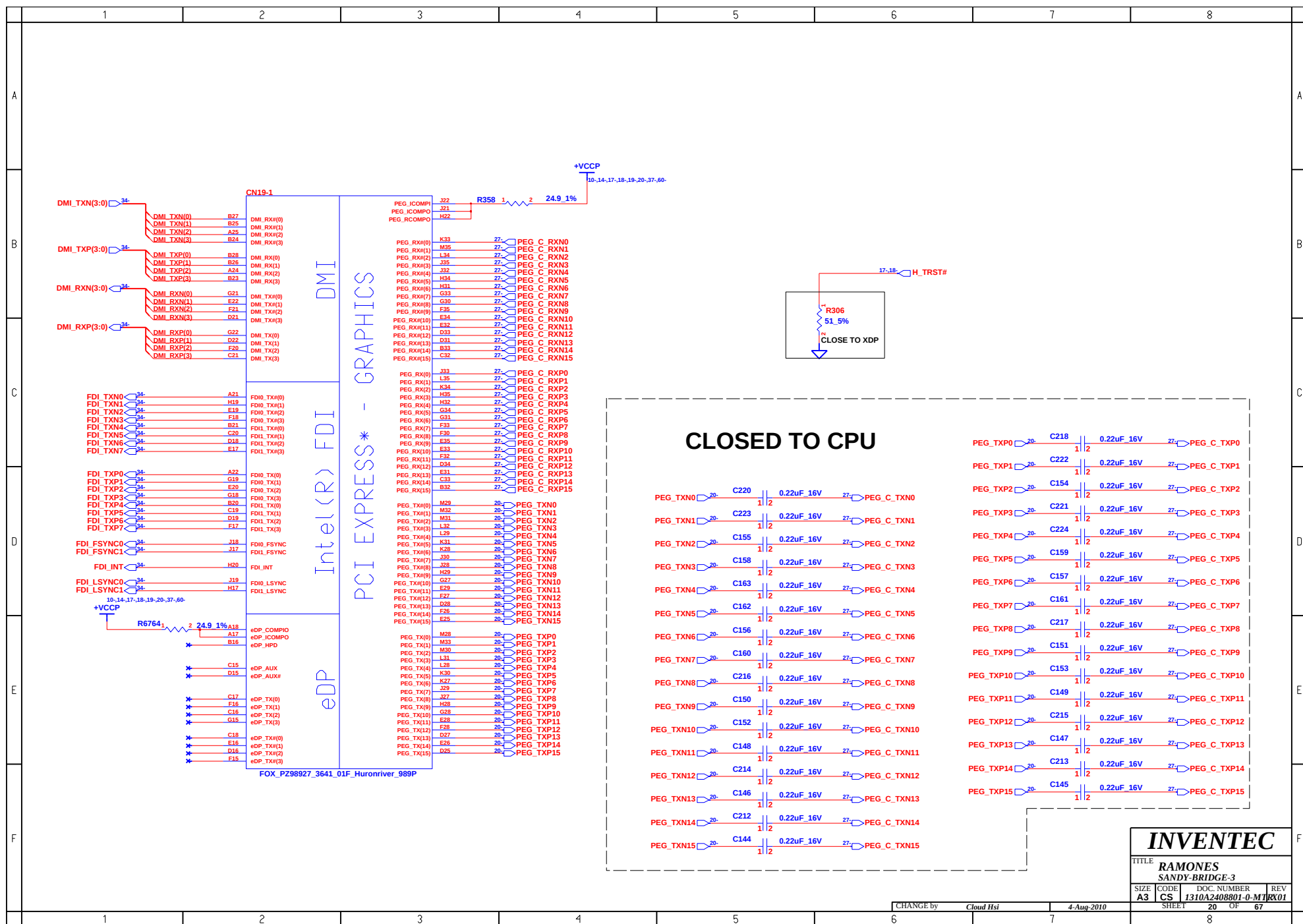
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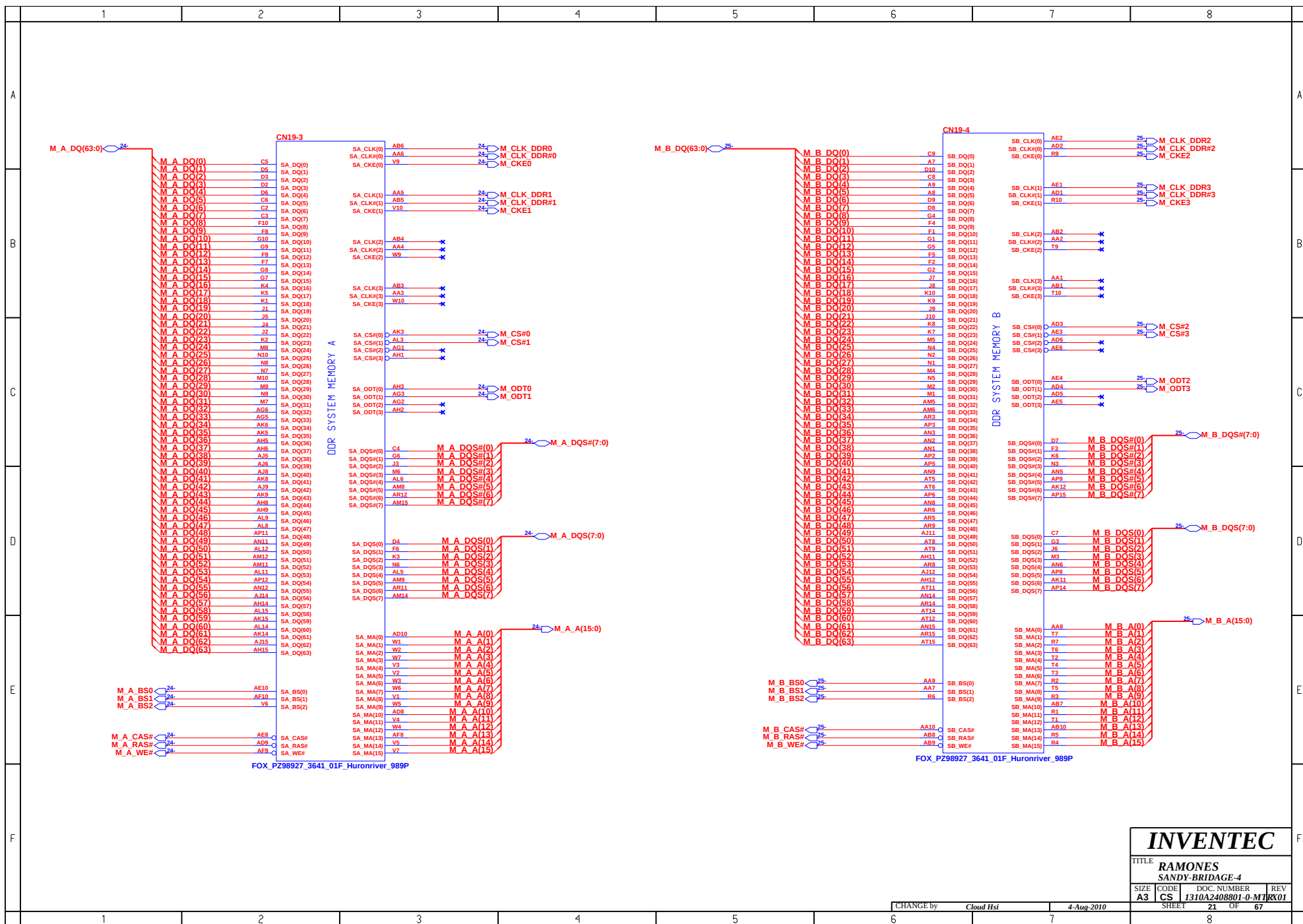
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|------------------------------------|------------|----------------------------------|-------------|
| TITLE<br>RAMONES<br>SANDY-BRIDGE-1 |            |                                  |             |
| SIZE<br>A3                         | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-M1 | REV<br>R001 |
| SHEET<br>18                        |            | OF<br>67                         |             |

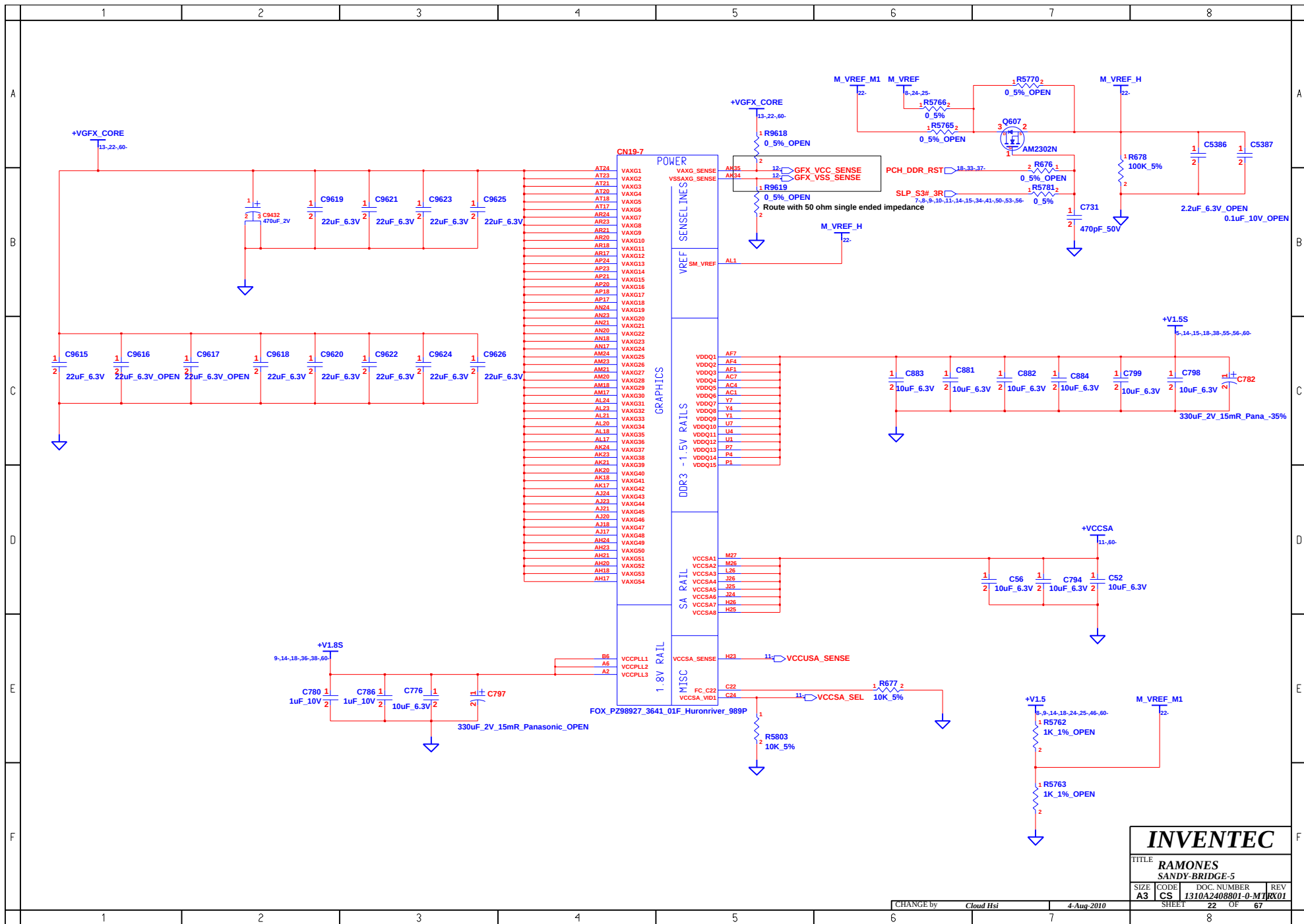
CHANGE by Cloud Hsi 4-Aug-2010



| INVENTEC                           |            |                                  |            |
|------------------------------------|------------|----------------------------------|------------|
| TITLE<br>RAMONES<br>SANDY-BRIDGE-2 |            |                                  |            |
| SIZE<br>A3                         | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-M1 | REV<br>R01 |
| CHANGE by<br>Cloud Hsi             |            | 4-Aug-2010                       |            |
| SHEET<br>19                        |            | OF<br>67                         |            |



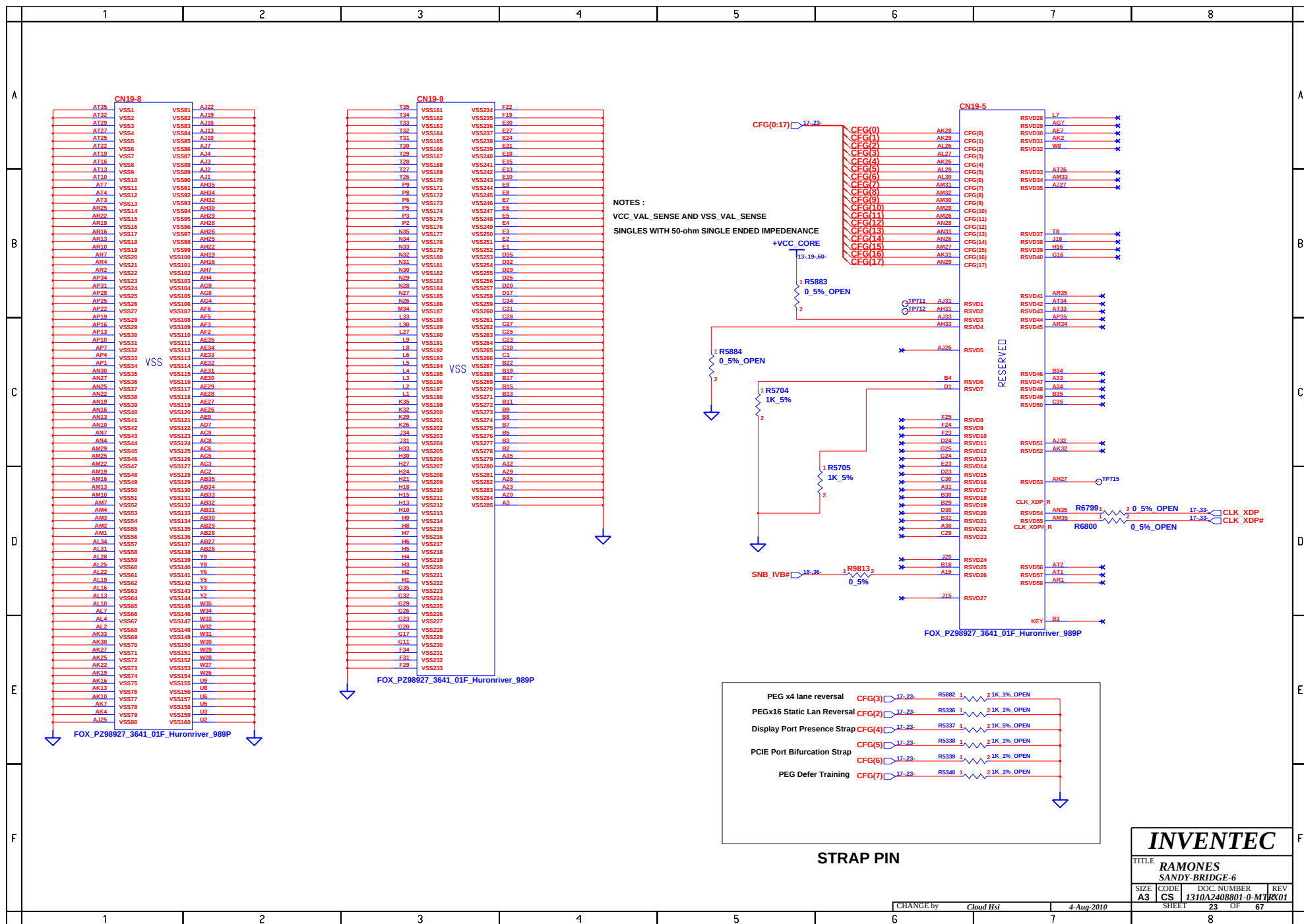


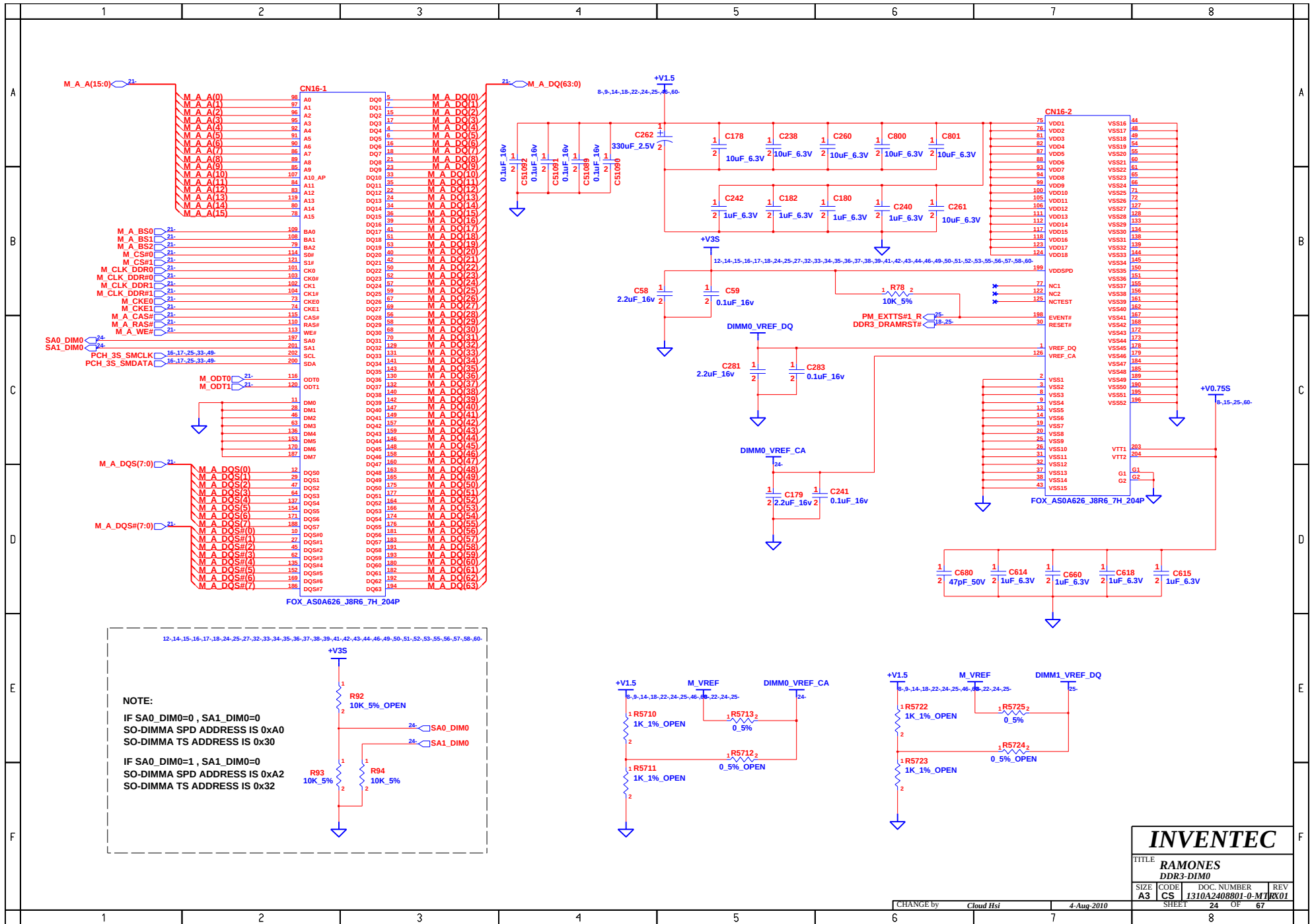


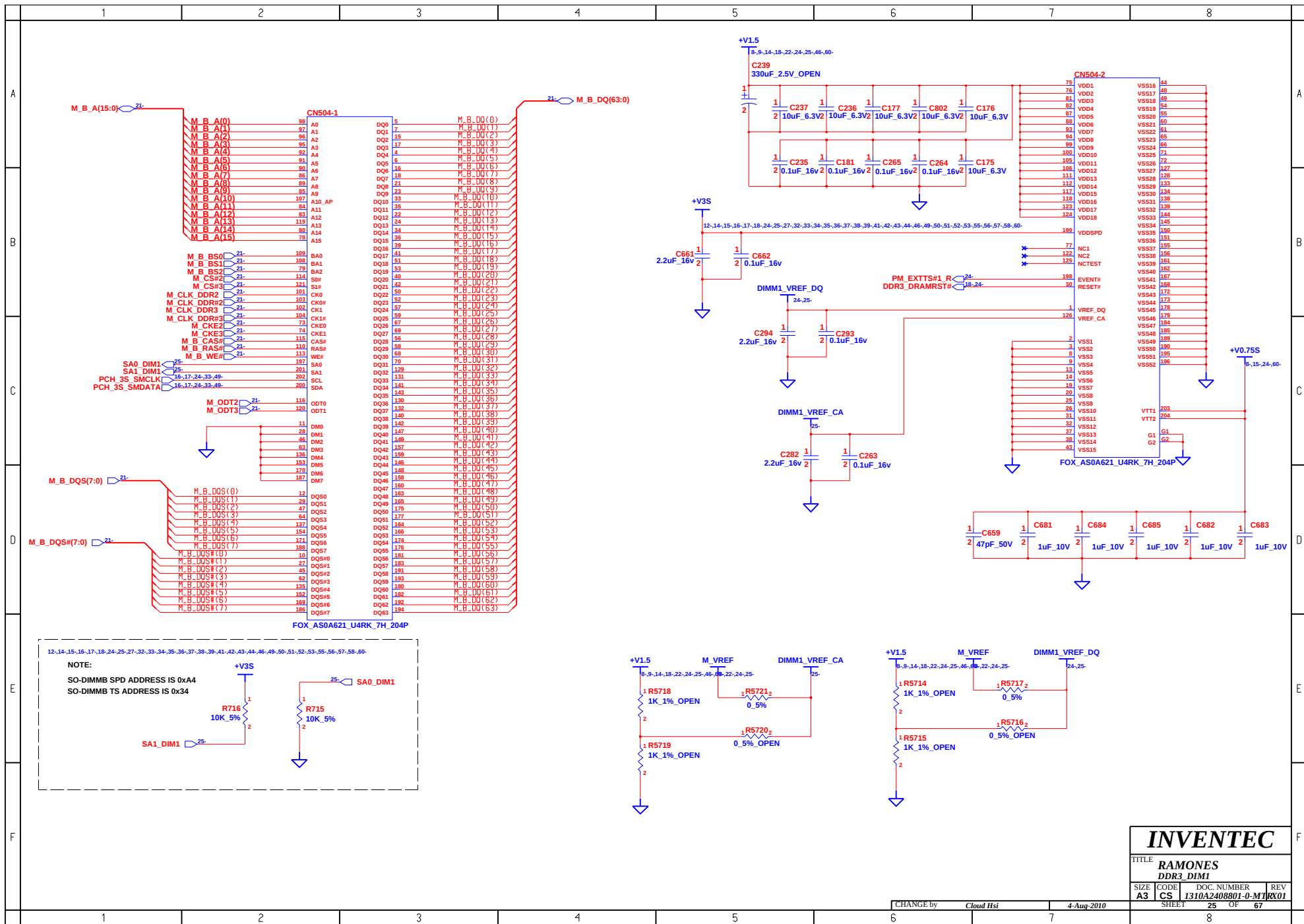
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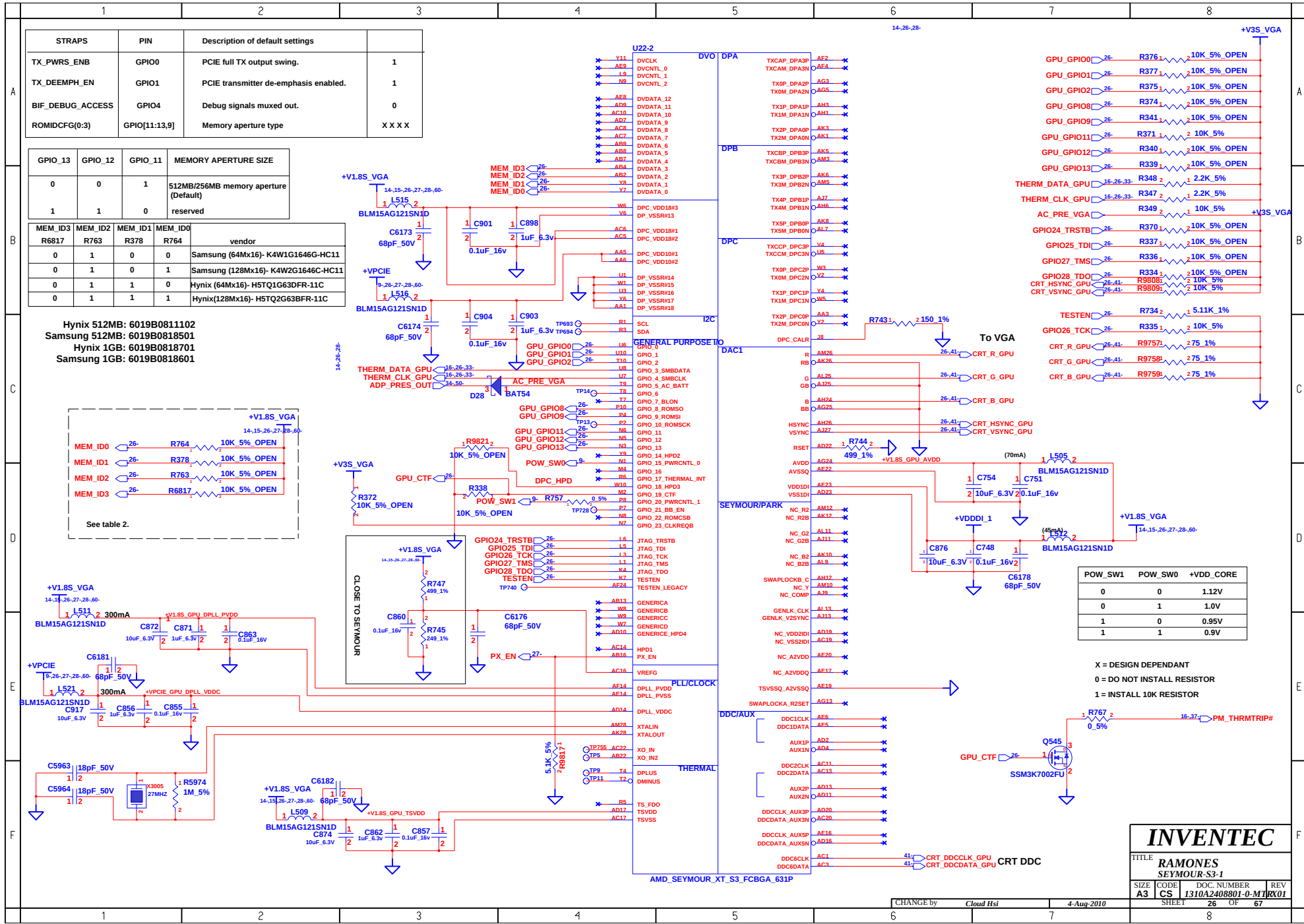
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|----------------|------|-------------------|-------|
| TITLE          |      |                   |       |
| RAMONES        |      |                   |       |
| SANDY-BRIDGE-5 |      |                   |       |
| SIZE           | CODE | DOC. NUMBER       | REV   |
| A3             | CS   | 1310A2408801-0-M1 | R001  |
| SHEET          |      | 22                | OF 67 |

CHANGE by Cloud Hsi 4-Aug-2010









INVENTEC

TITLE

RAMONES SEYMOUR-S3-1

SIZE

A3

CODE

CS

DOC. NUMBER

1310A2408801-0-MT

REV

R001

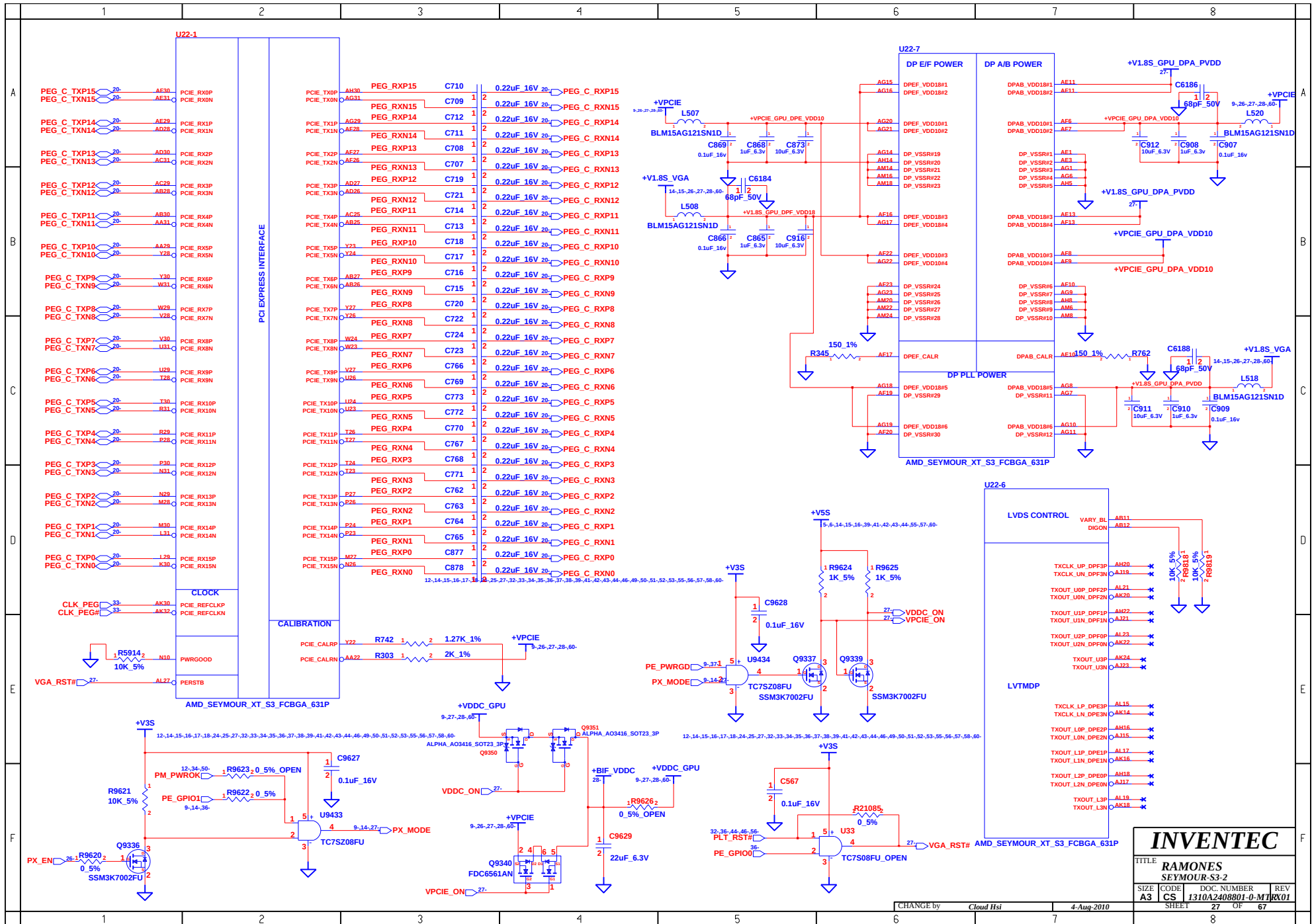
SHEET

26

OF

67

CHANGE by Cloud Hsi 4-Aug-2010



**INVENTEC**

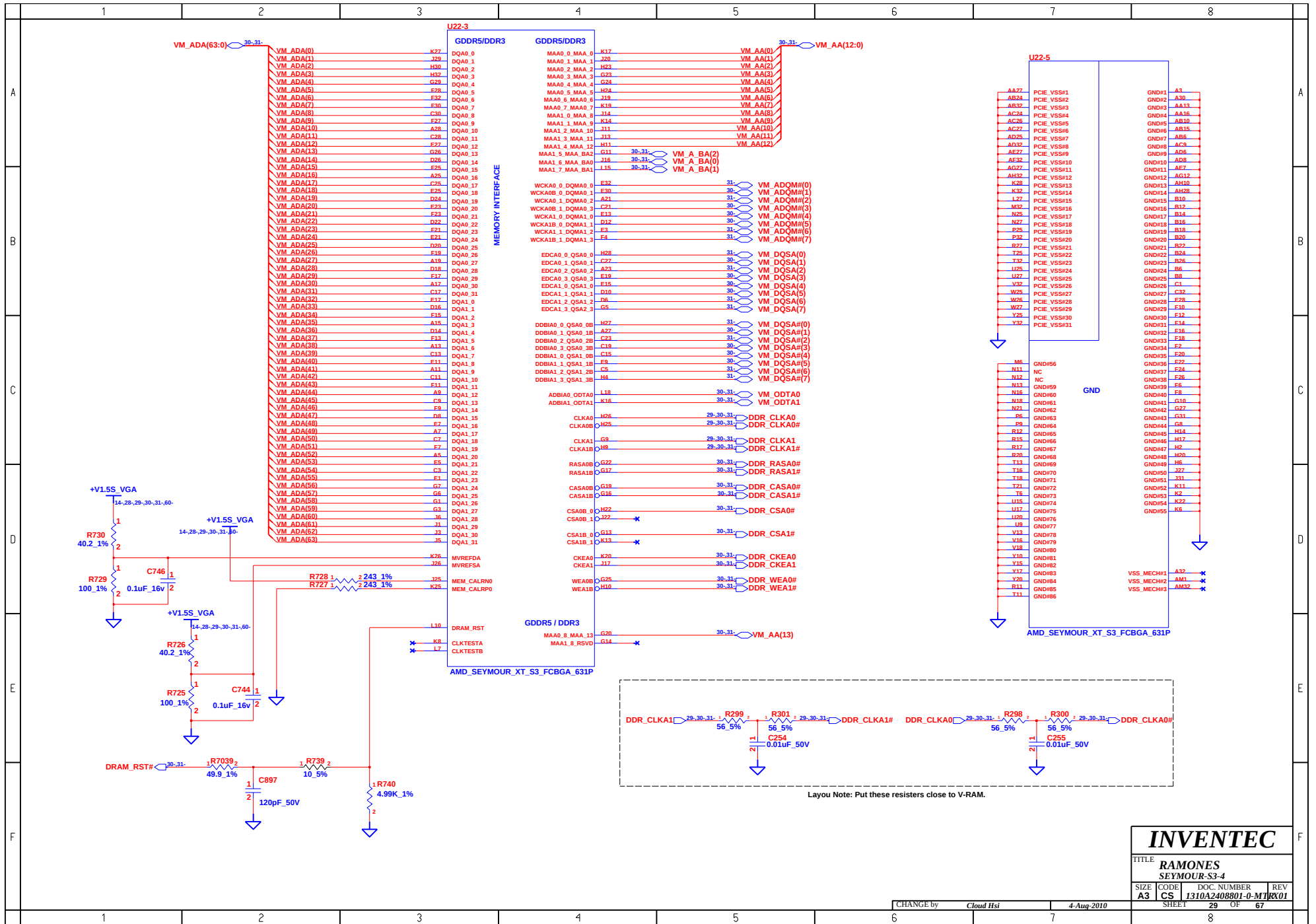
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| TITLE                |      |                   |
| RAMONES SEYMOUR-S3-2 |      |                   |
| SIZE                 | CODE | DOC. NUMBER       |
| A3                   | CS   | 1310A2408801-0-M1 |
| SHEET                |      | REV               |
| 27                   |      | 01                |

CHANGE by Cloud Hsi

4-Aug-2010

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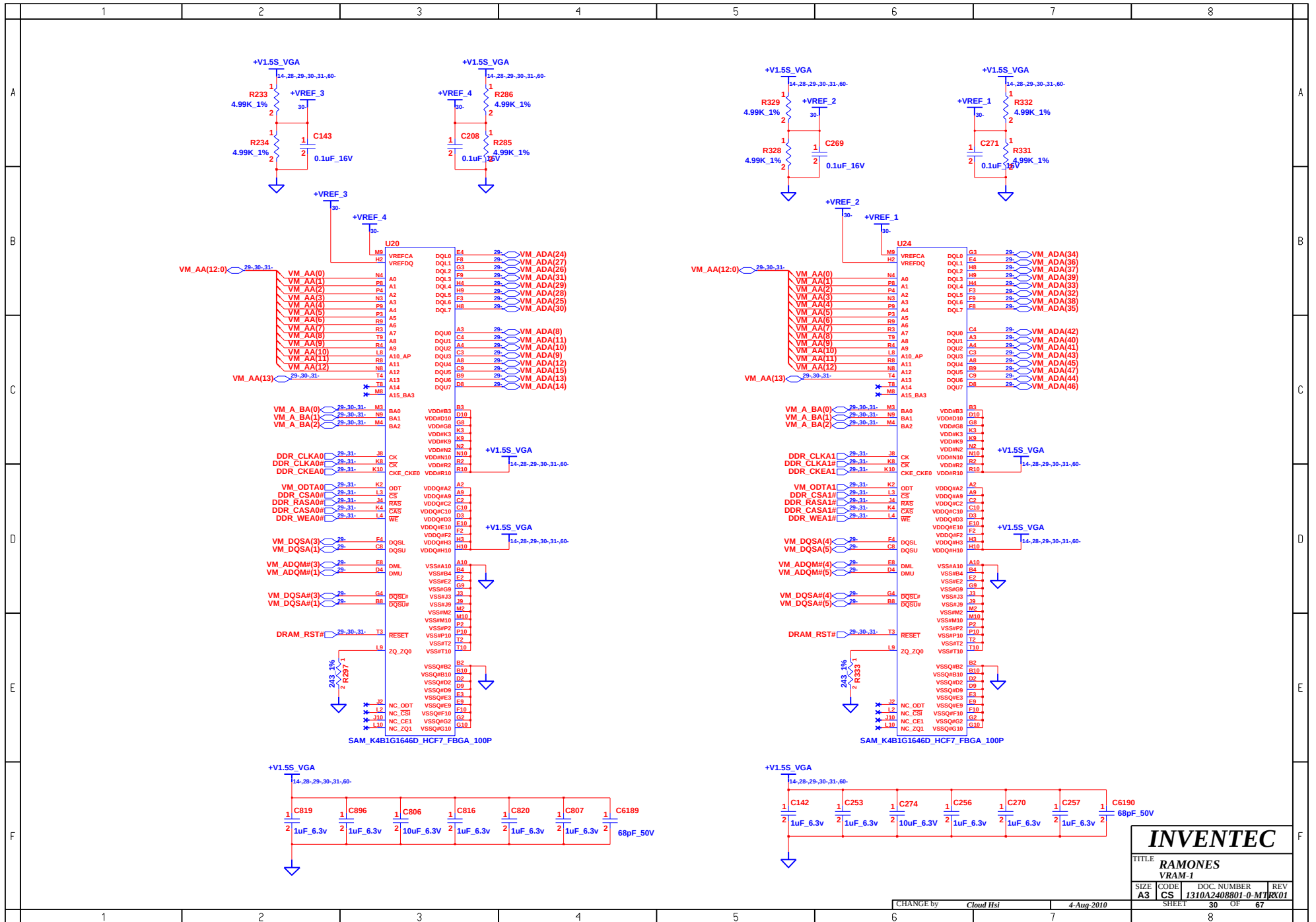




**INVENTEC**

|                                  |            |                                  |            |
|----------------------------------|------------|----------------------------------|------------|
| TITLE<br>RAMONES<br>SEYMOUR-S3-4 |            |                                  |            |
| SIZE<br>A3                       | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-MT | REV<br>R01 |
| SHEET<br>29                      |            | OF<br>67                         |            |

CHANGE by Cloud Hsi 4-Aug-2010



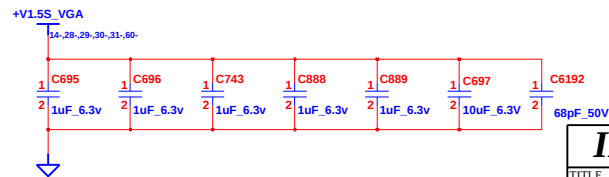
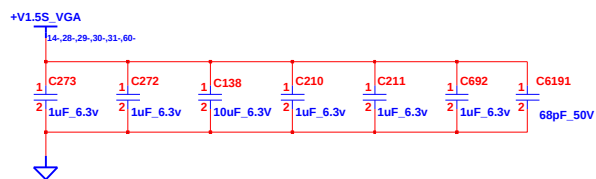
**INVENTEC**

TITLE  
**RAMONES  
VRAM-1**

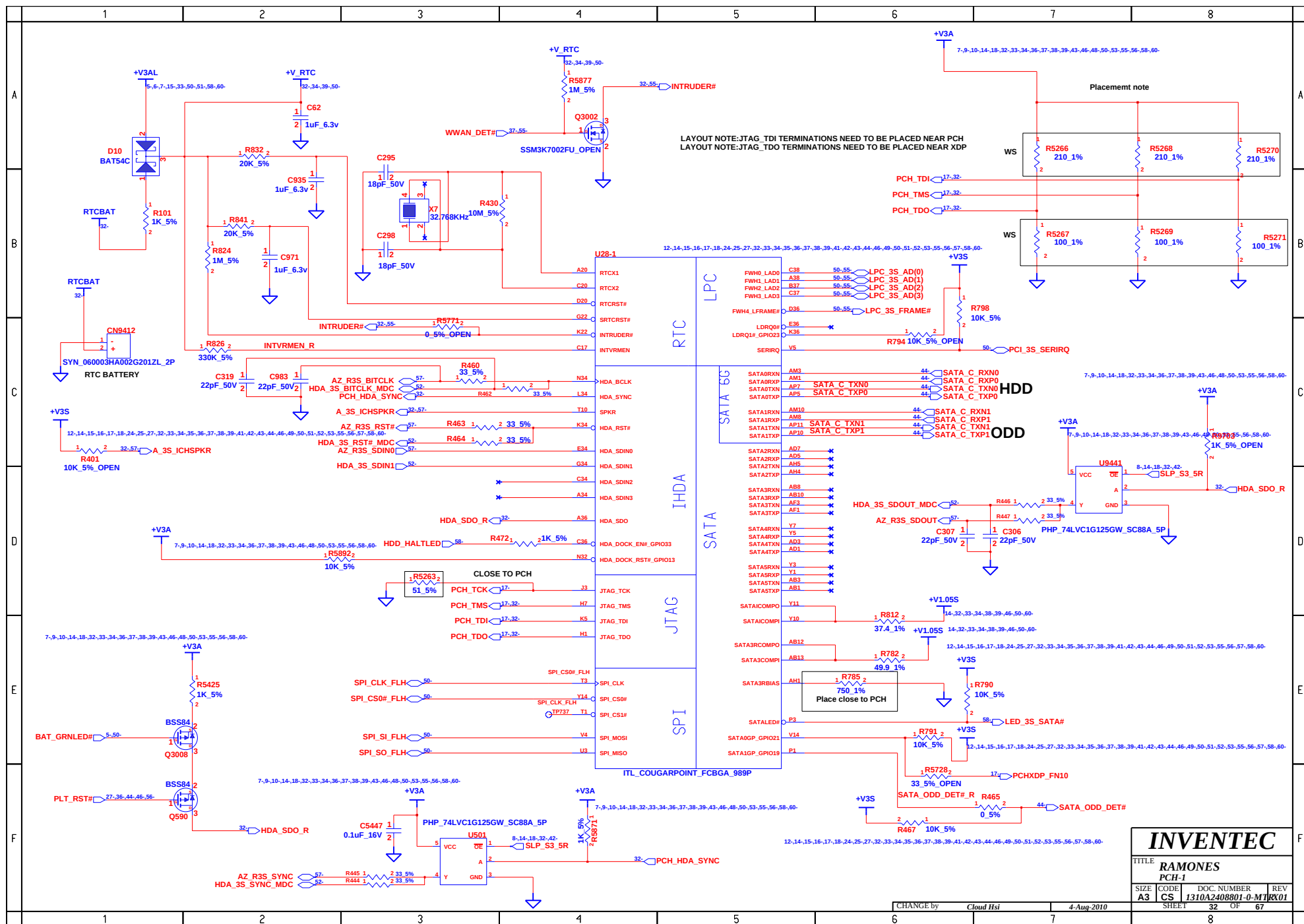
| SIZE | CODE | DOC. NUMBER       | REV  |
|------|------|-------------------|------|
| A3   | CS   | 1310A2408801-0-M1 | R001 |

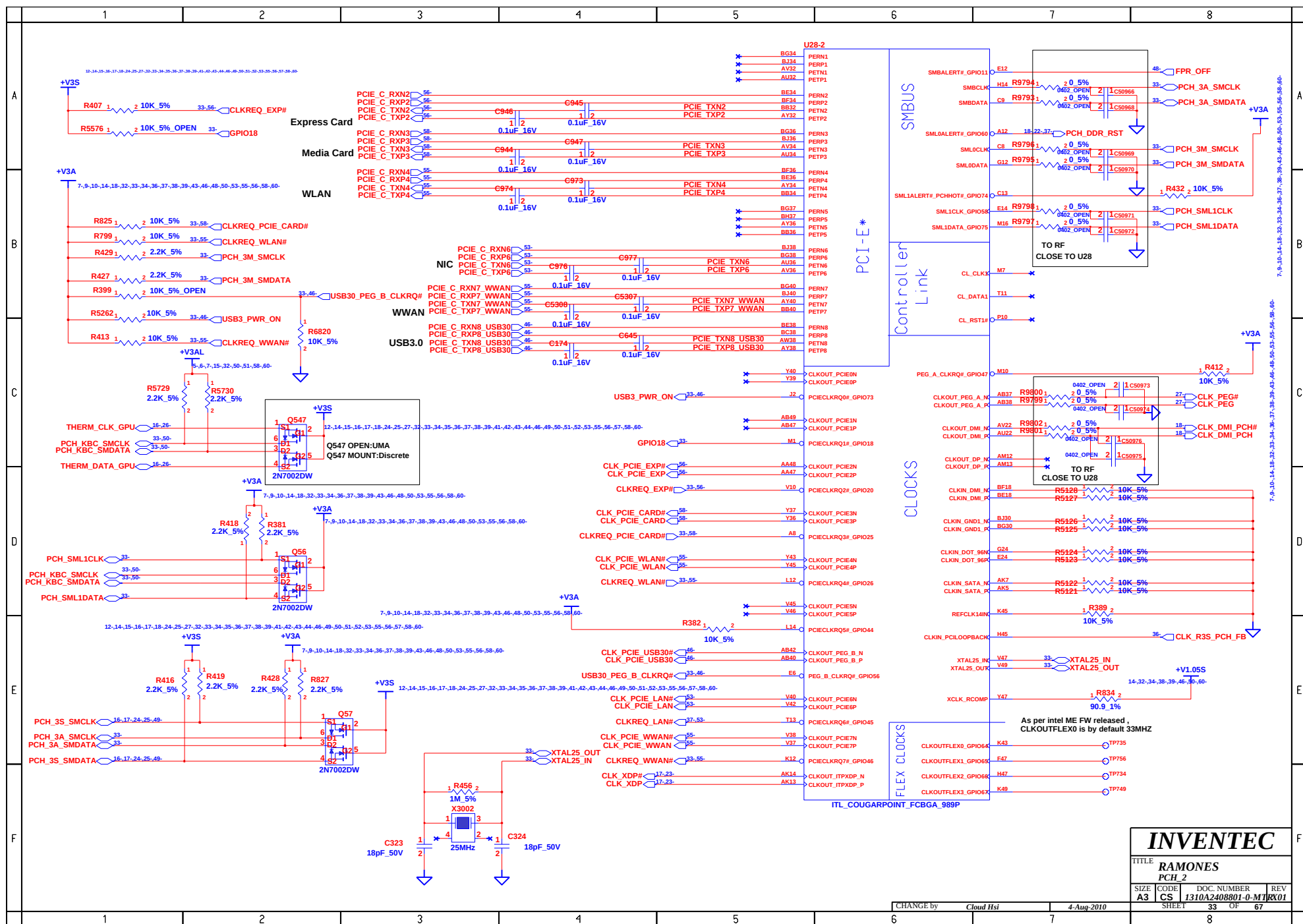
CHANGE by Cloud Hsi 4-Aug-2010

SHEET 30 OF 67



|           |           |            |
|-----------|-----------|------------|
| CHANGE by | Cloud Hsi | 4-Aug-2010 |
|-----------|-----------|------------|

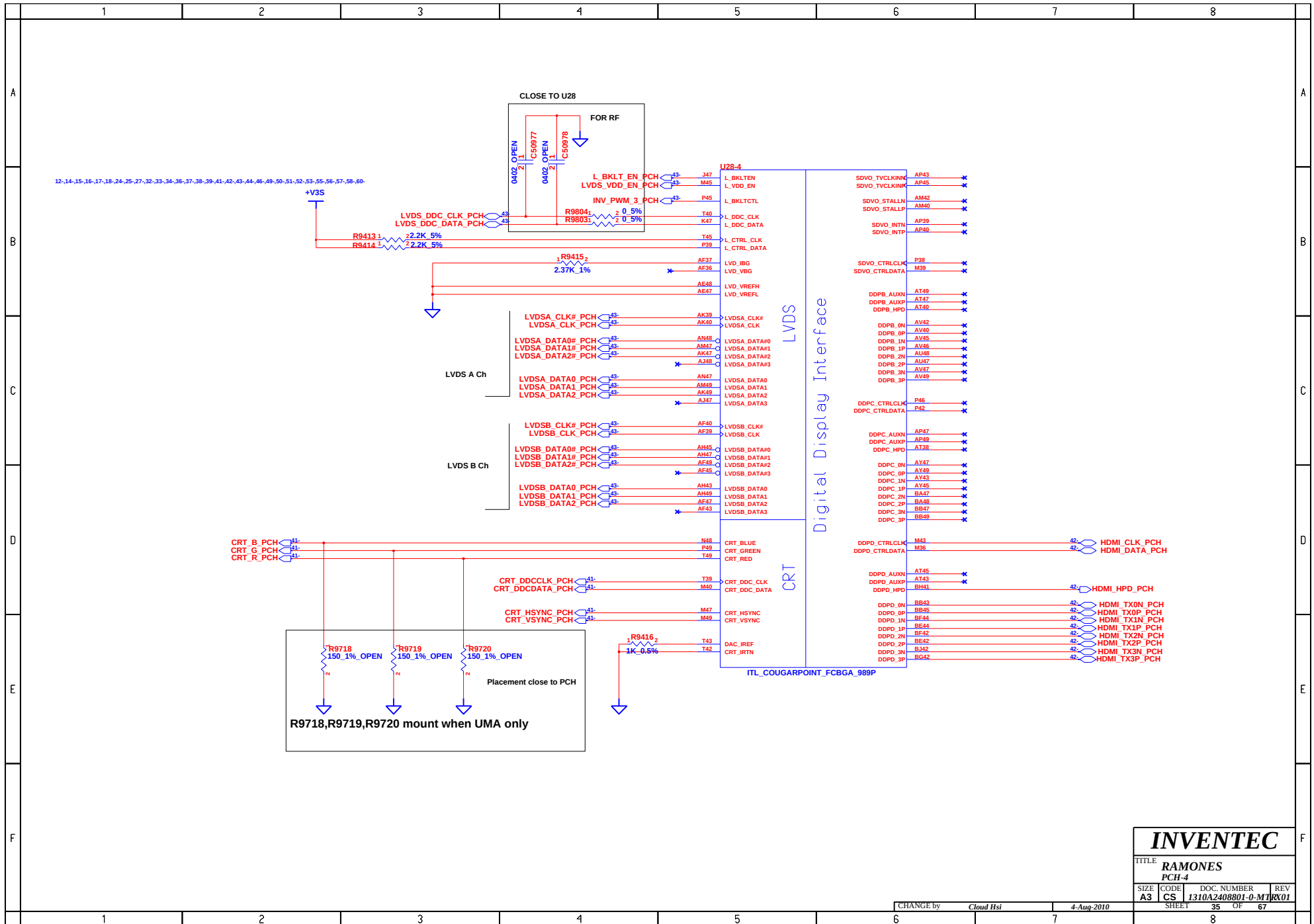


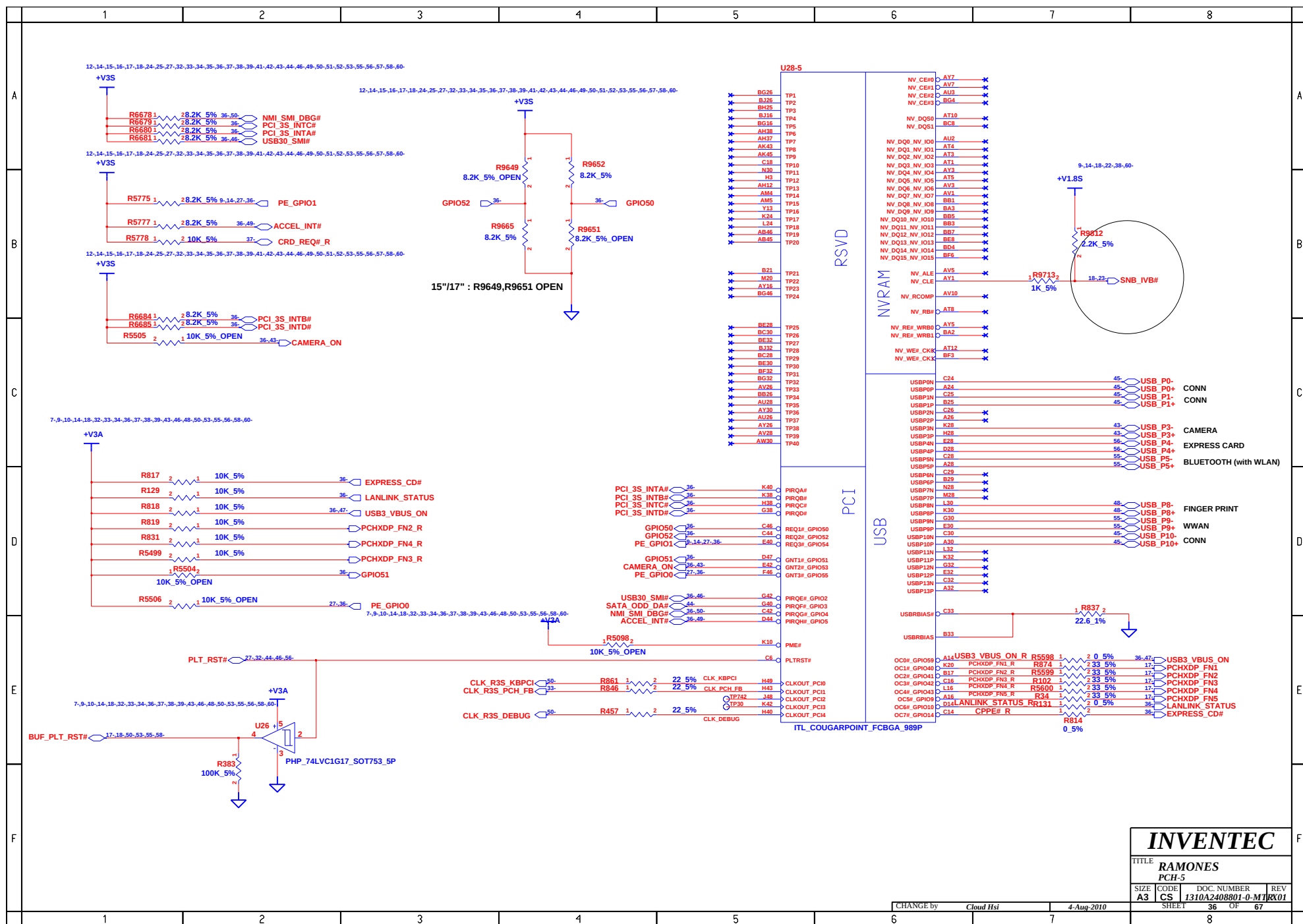


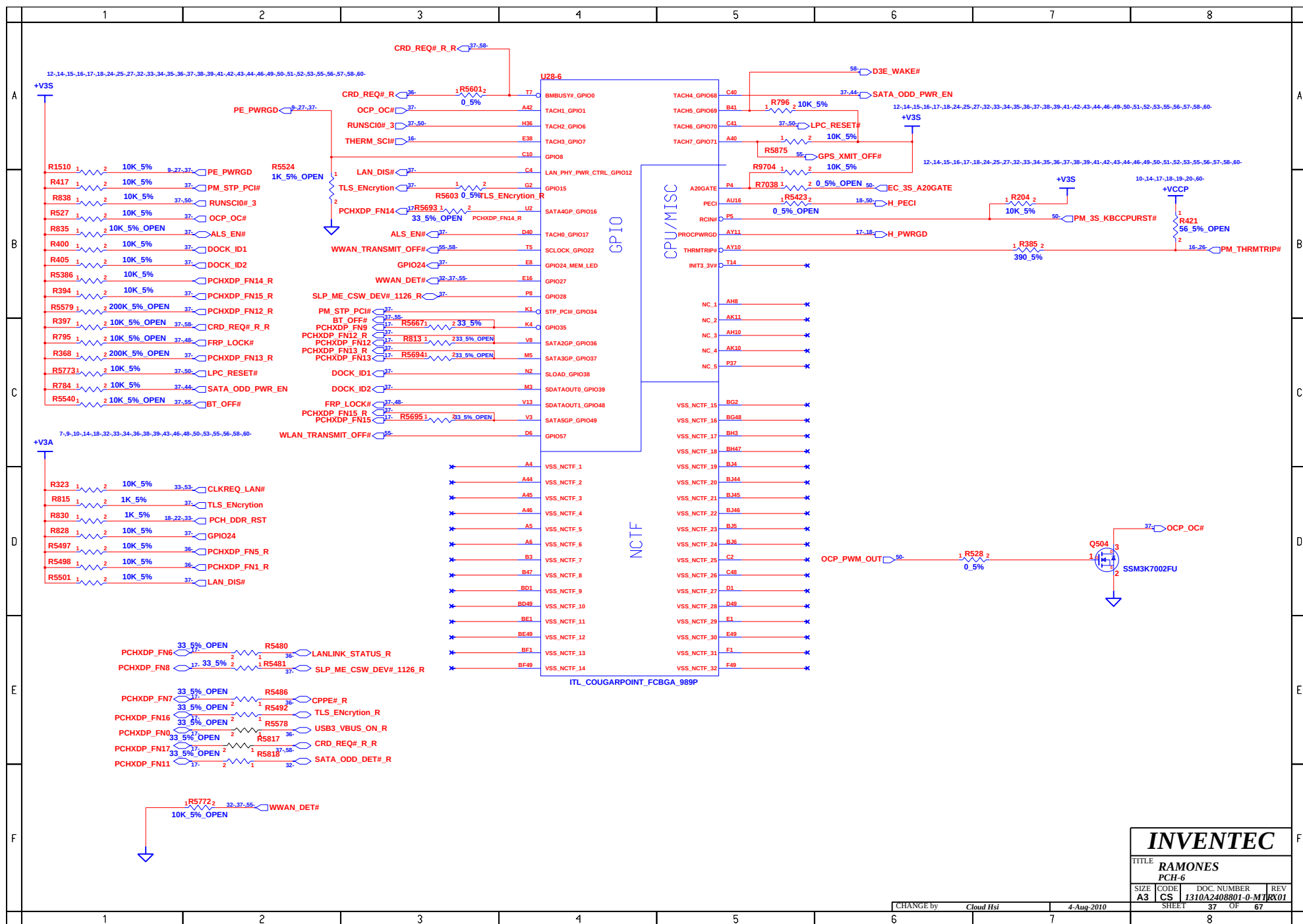
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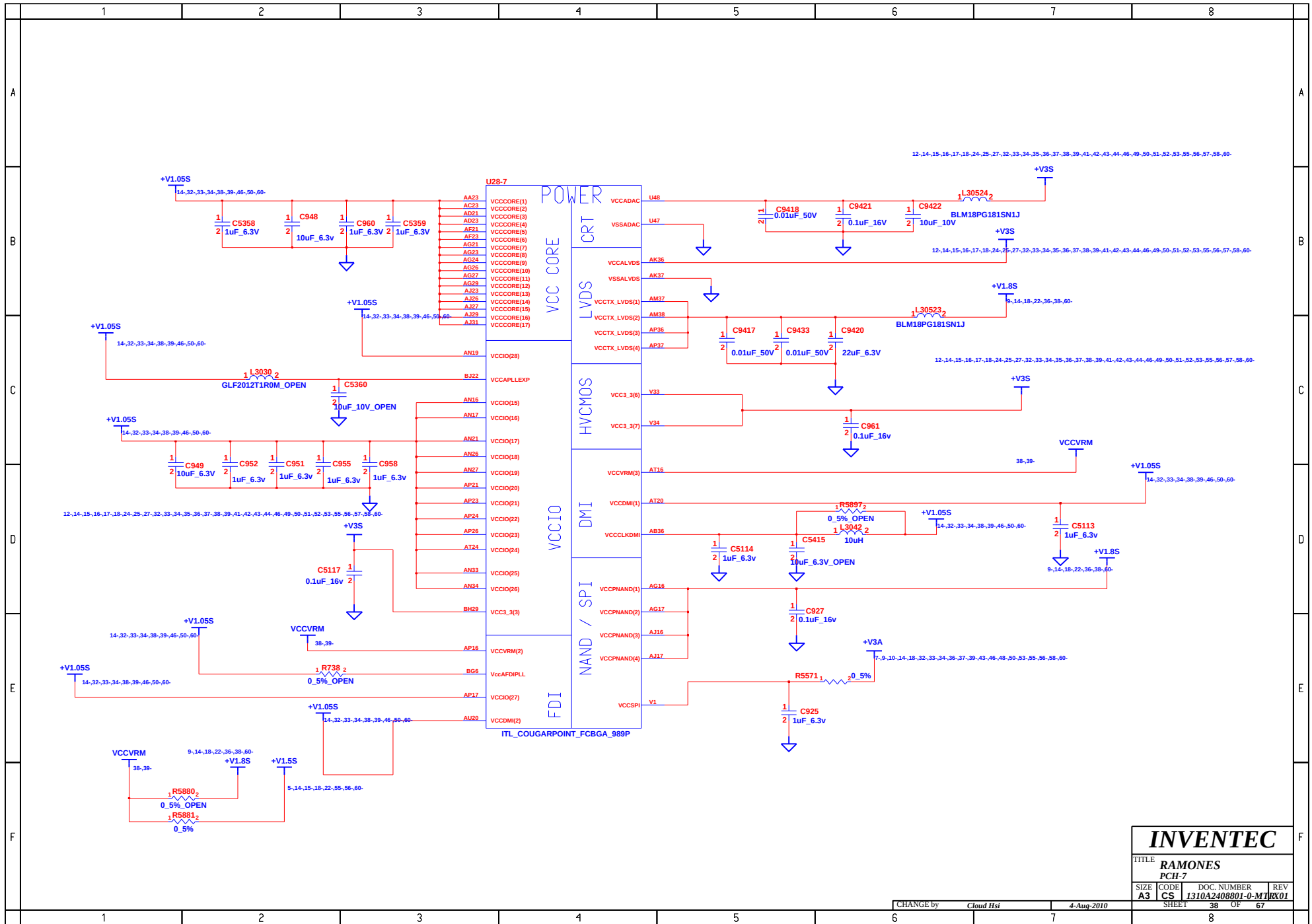


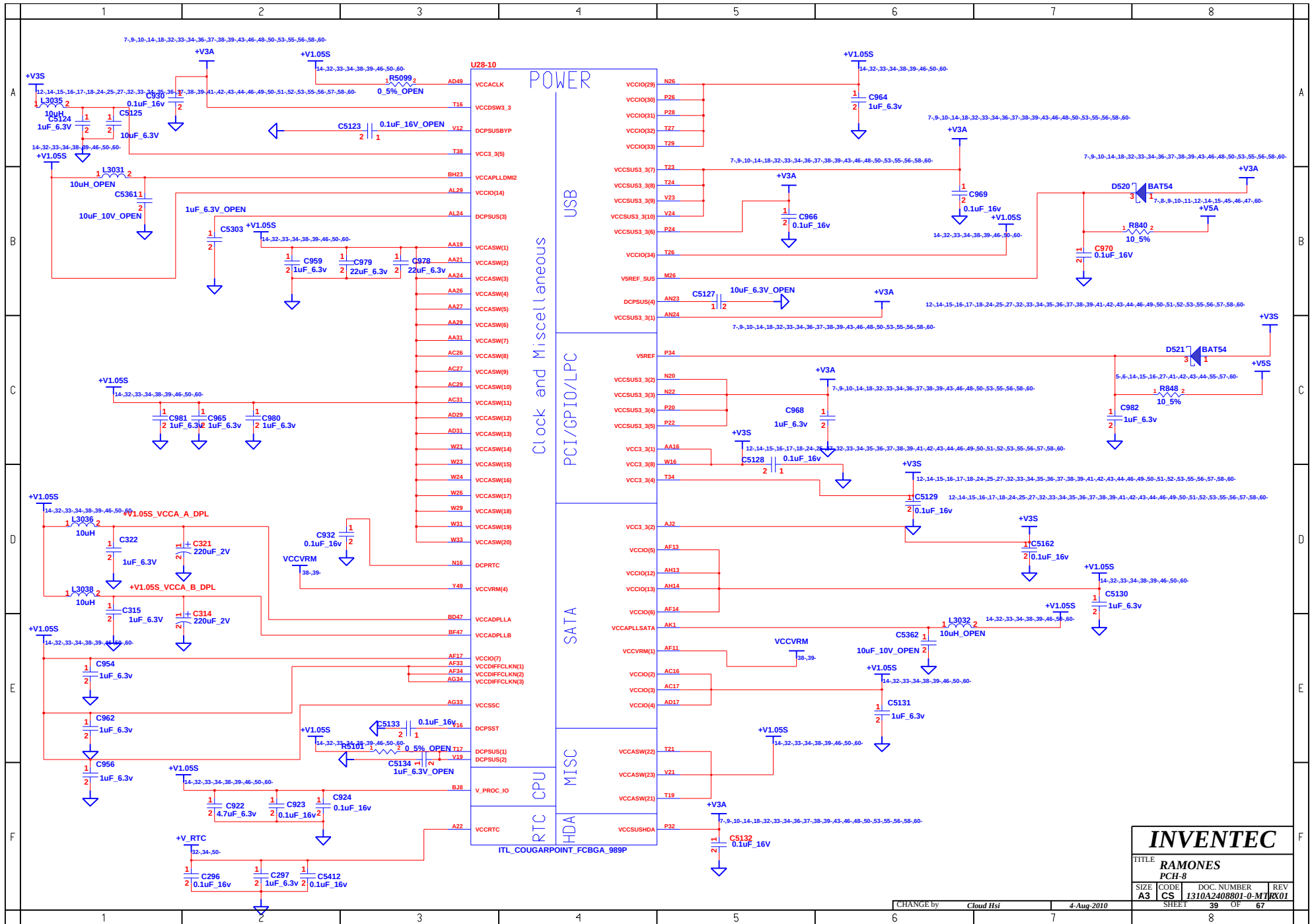
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| CHANGE by | Cloud Hsi | 4-Aug-2010 |
|-----------|-----------|------------|



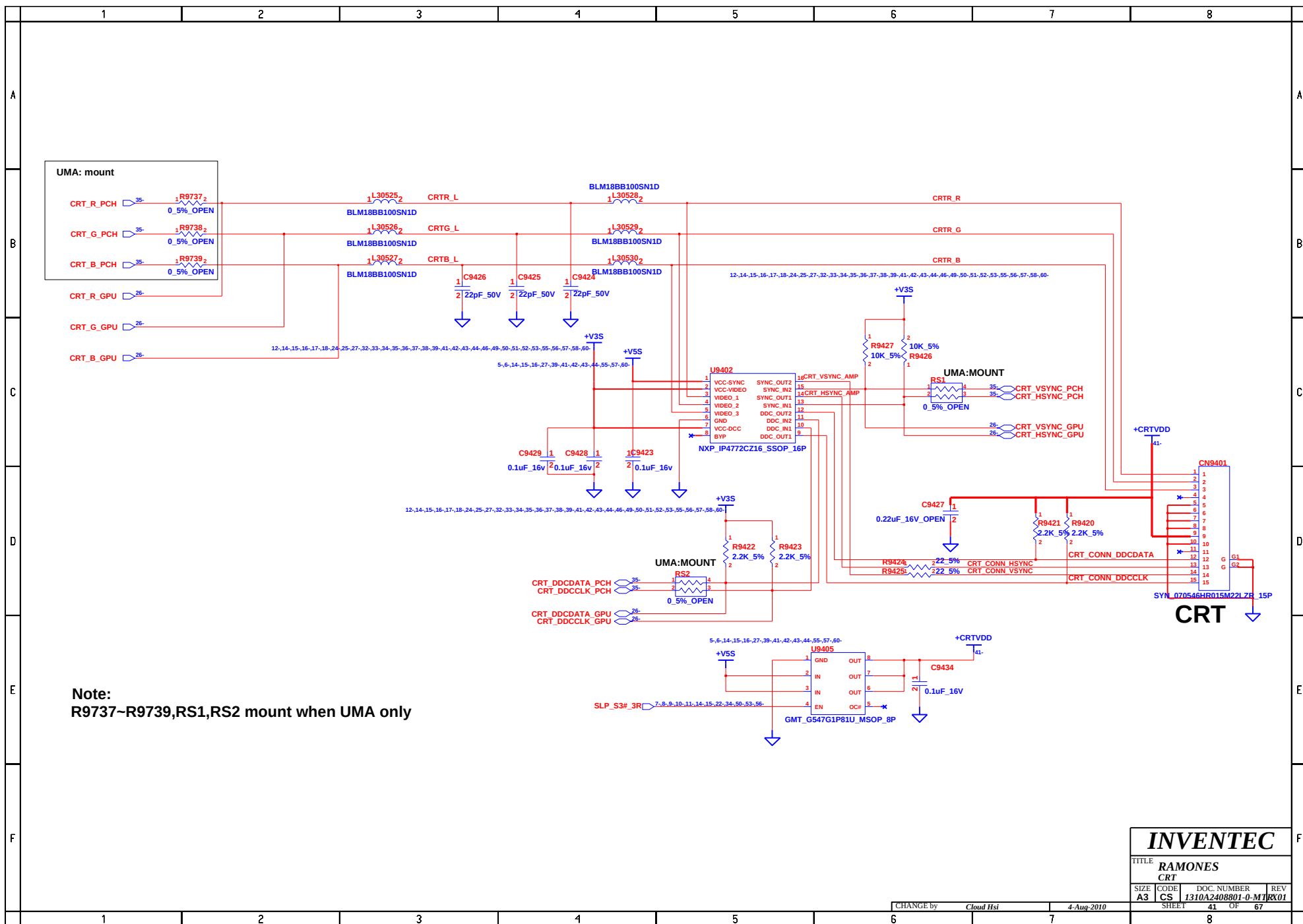


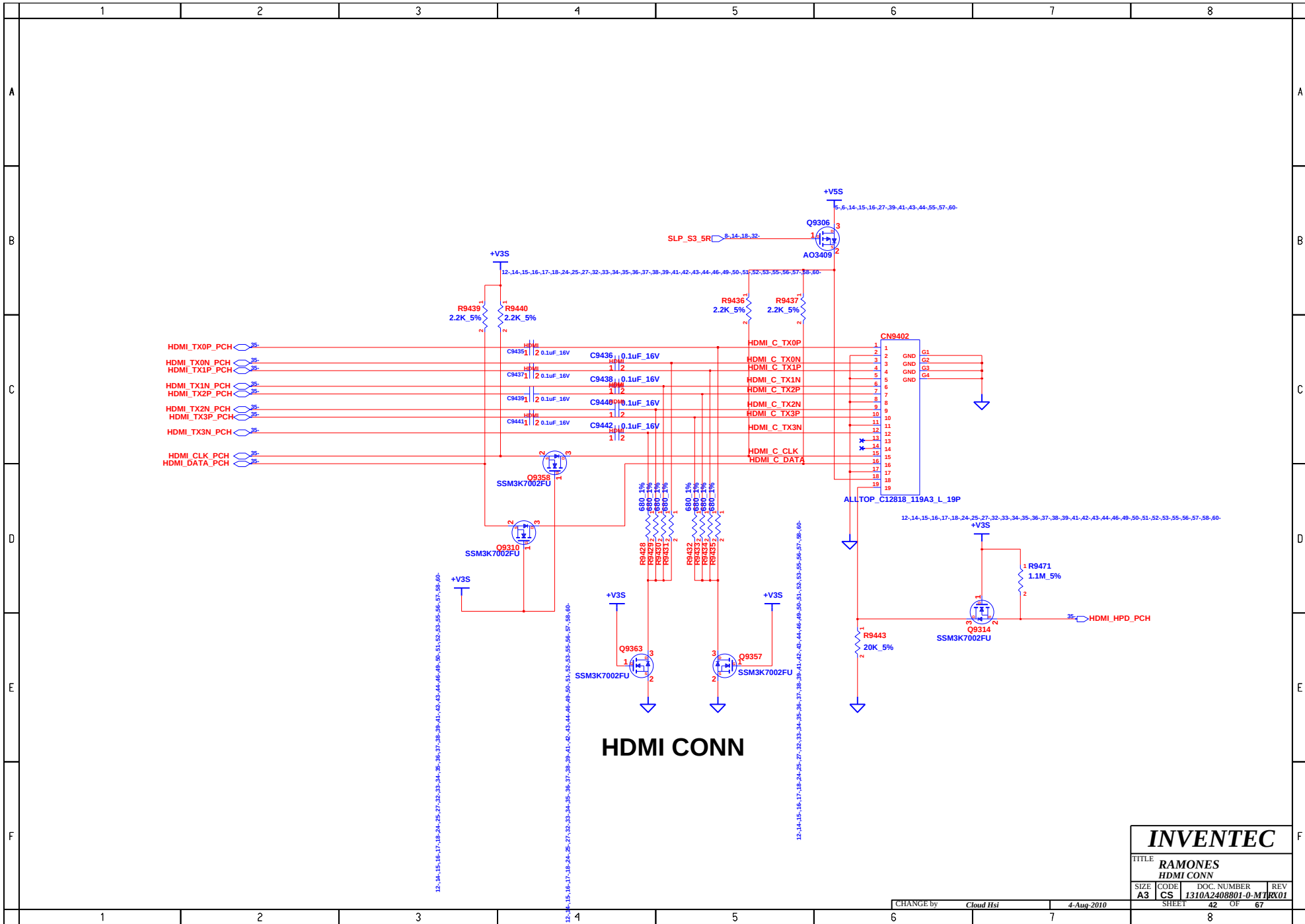


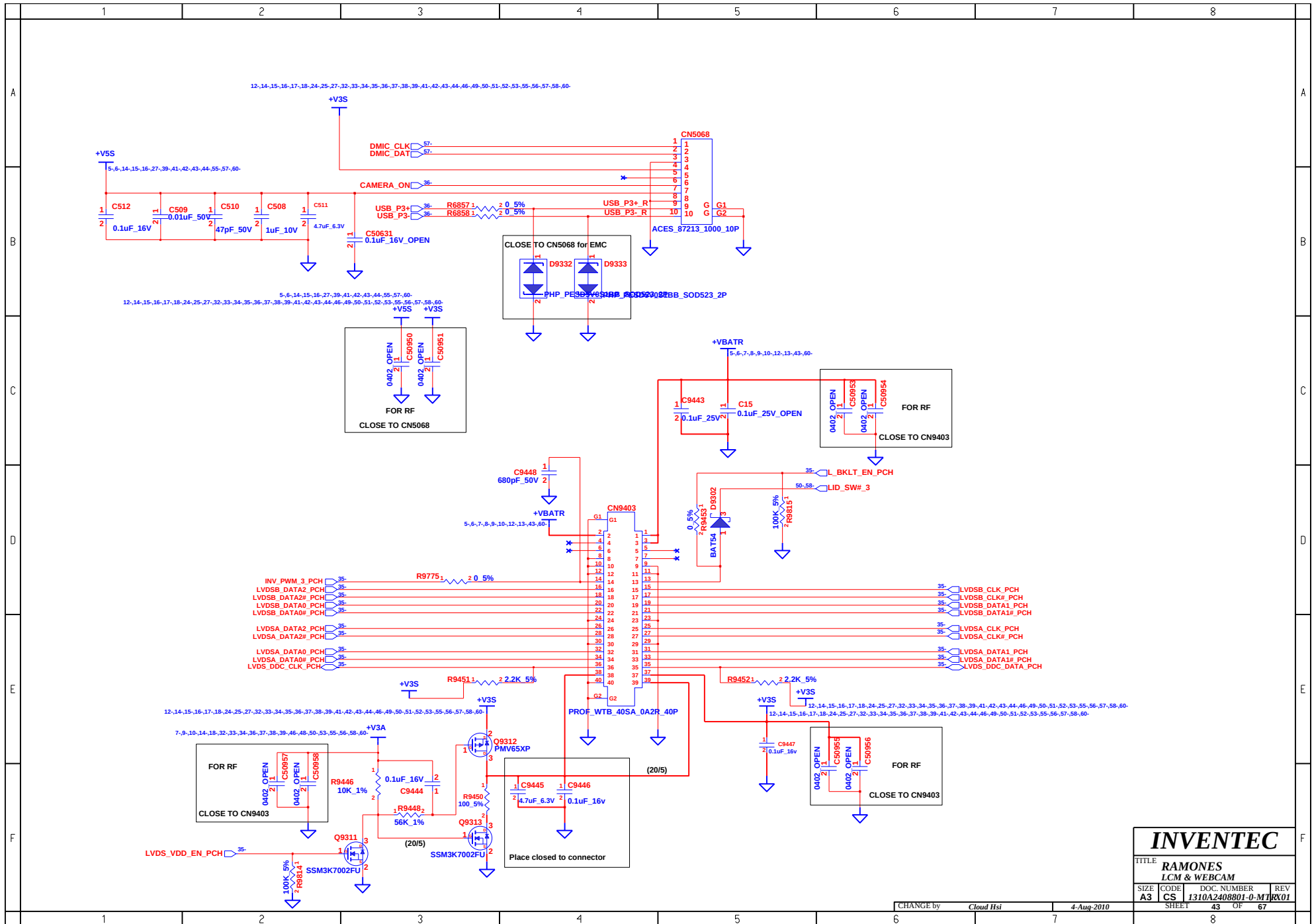


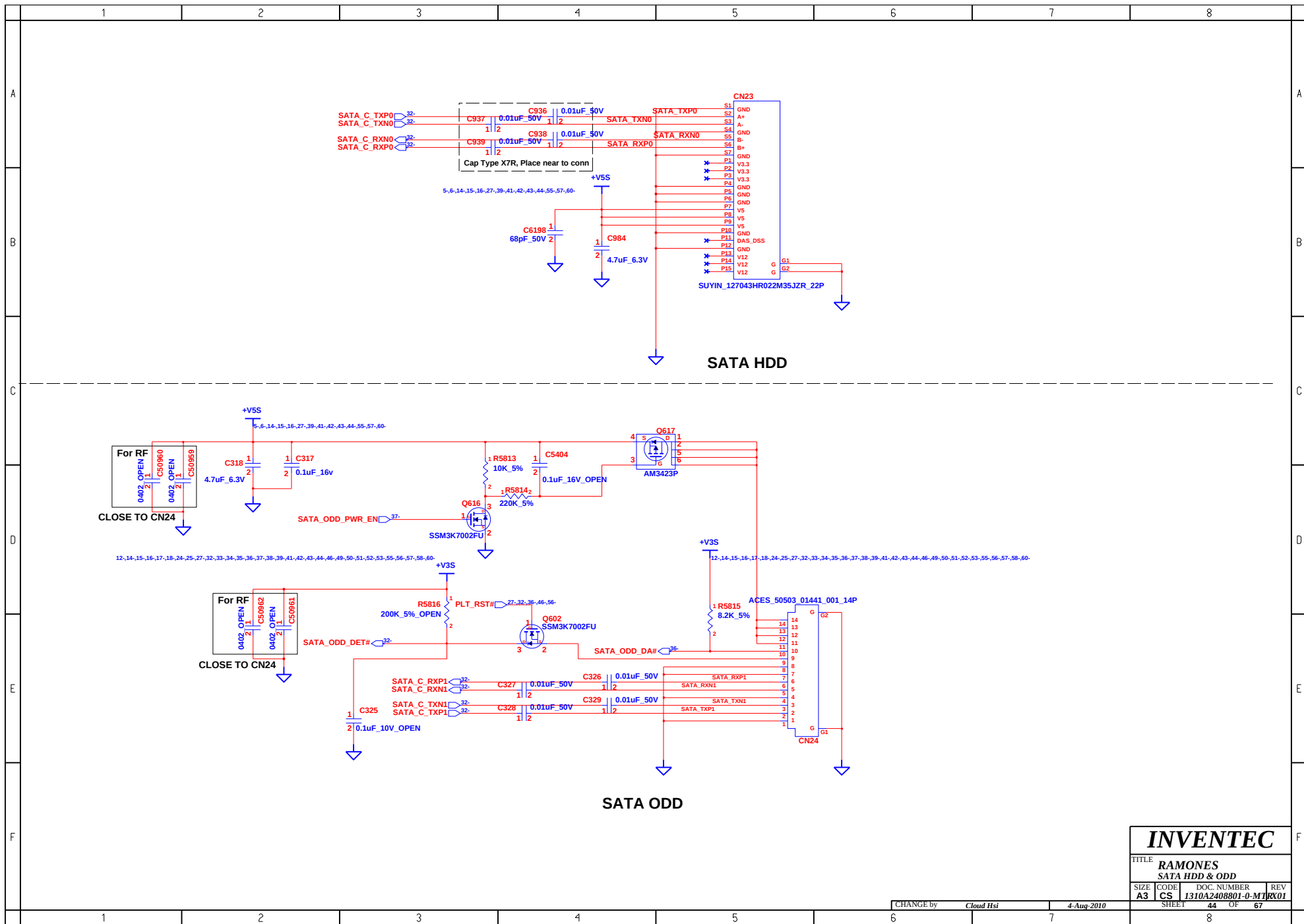


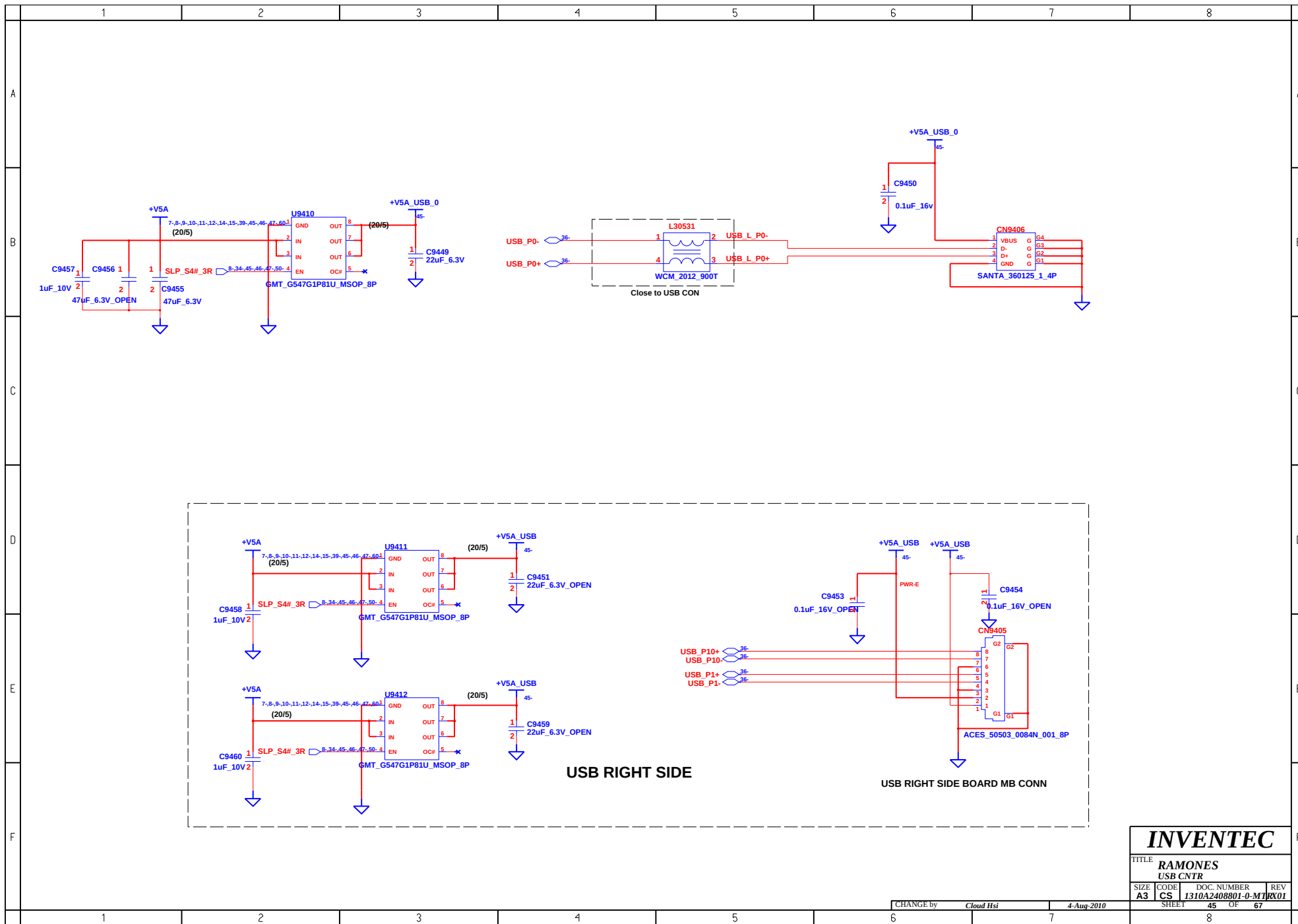










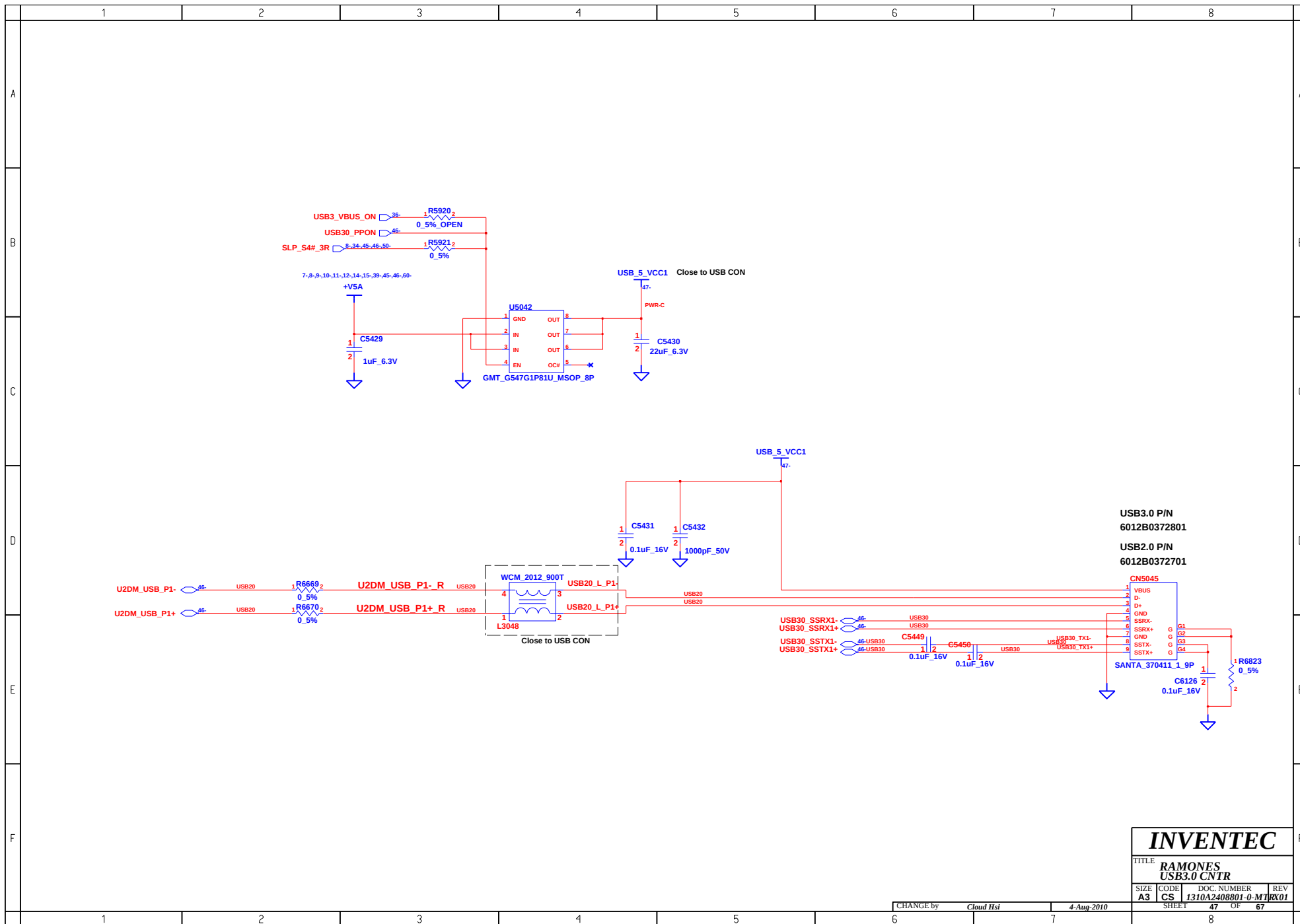


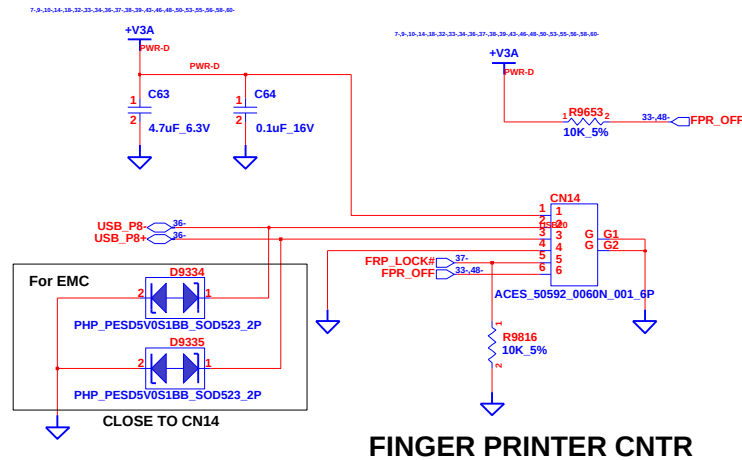
**INVENTEC**

|                                      |                   |                                         |                    |
|--------------------------------------|-------------------|-----------------------------------------|--------------------|
| TITLE<br><b>RAMONES<br/>USB CNTR</b> |                   |                                         |                    |
| SIZE<br><b>A3</b>                    | CODE<br><b>CS</b> | DOC. NUMBER<br><b>1310A2408801-0-M1</b> | REV<br><b>R001</b> |
| SHEET<br><b>45</b>                   |                   | OF<br><b>67</b>                         |                    |

CHANGE by *Cloud Hsi* 4-Aug-2010







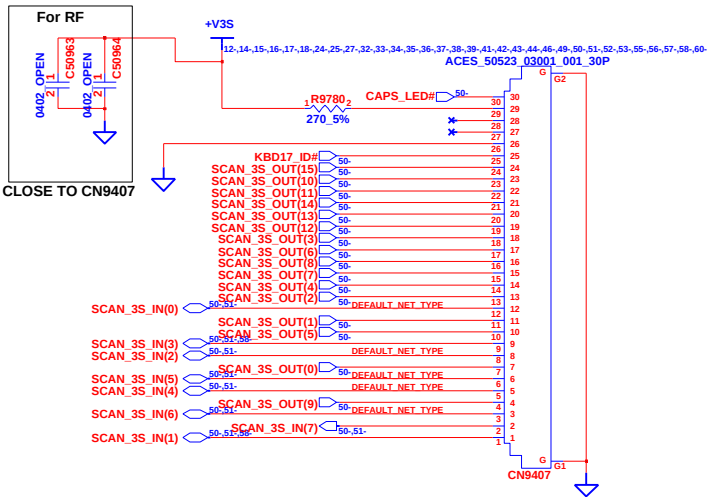
| INVENTEC                   |                |                                      |                 |
|----------------------------|----------------|--------------------------------------|-----------------|
| TITLE <b>RAMONES</b>       |                |                                      |                 |
| FINGER PRINTER             |                |                                      |                 |
| SIZE <b>A3</b>             | CODE <b>CS</b> | DOC. NUMBER <b>1310A2408801-0-M1</b> | REV <b>R001</b> |
| CHANGE by <b>Cloud Hsi</b> |                | 4-Aug-2010                           |                 |
| SHEET <b>48</b>            |                | OF <b>67</b>                         |                 |



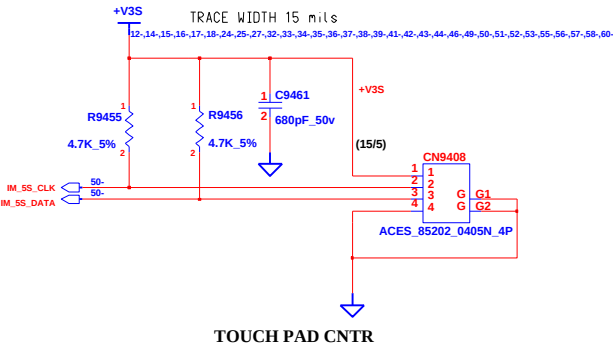
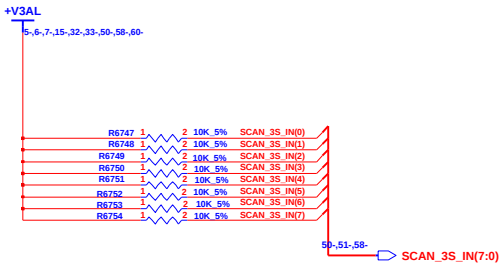
|           |           |            |
|-----------|-----------|------------|
| CHANGE by | Cloud Hsi | 4-Aug-2010 |
|-----------|-----------|------------|



| PIN NAME  | LEVEL | PANEL SIZE |
|-----------|-------|------------|
| KBD17_ID# | HIGH  | 15         |
|           | LOW   | 17         |



KEYBOARD CONN



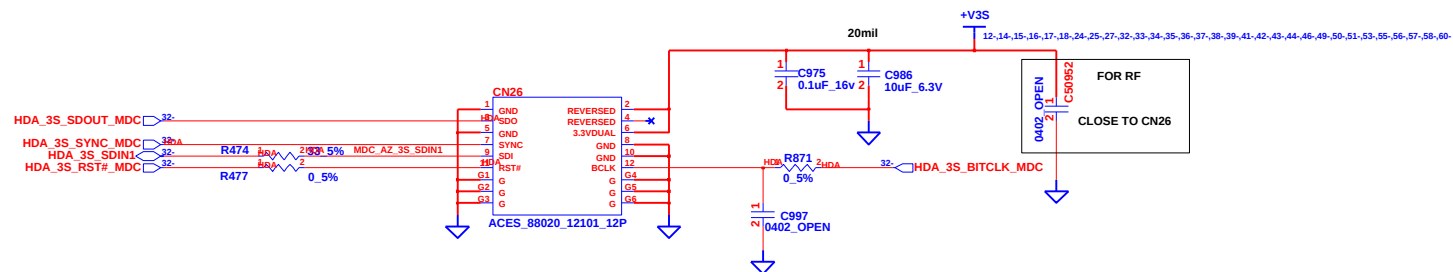
INVENTEC

TITLE  
RAMONES  
KEYBOARD & TOUCH PAD

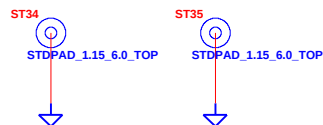
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|------------|------------|----------------------------------|-------------|
| SIZE<br>A3 | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-MT | REV<br>R001 |
|------------|------------|----------------------------------|-------------|

CHANGE by Cloud Hsi 4-Aug-2010

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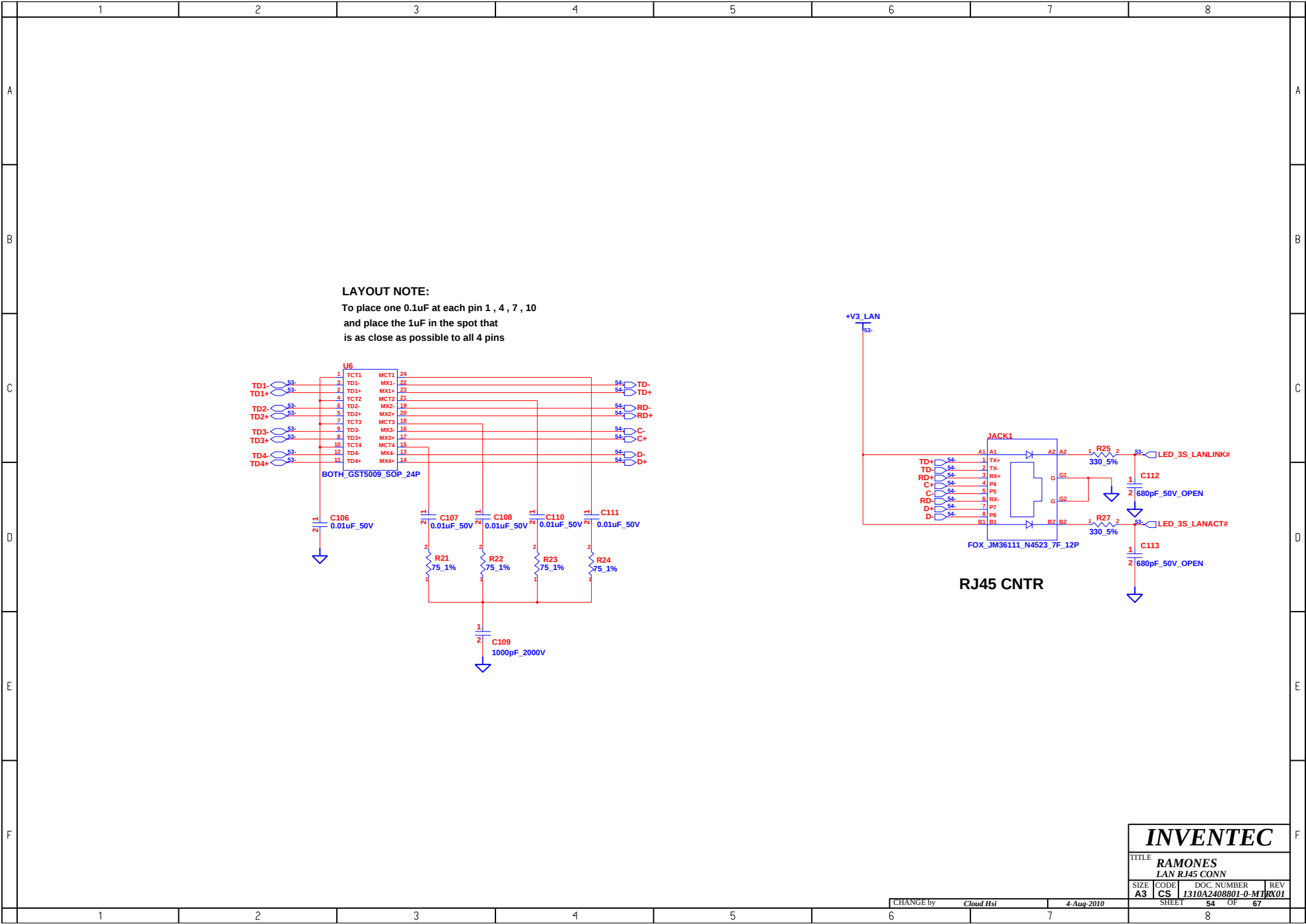


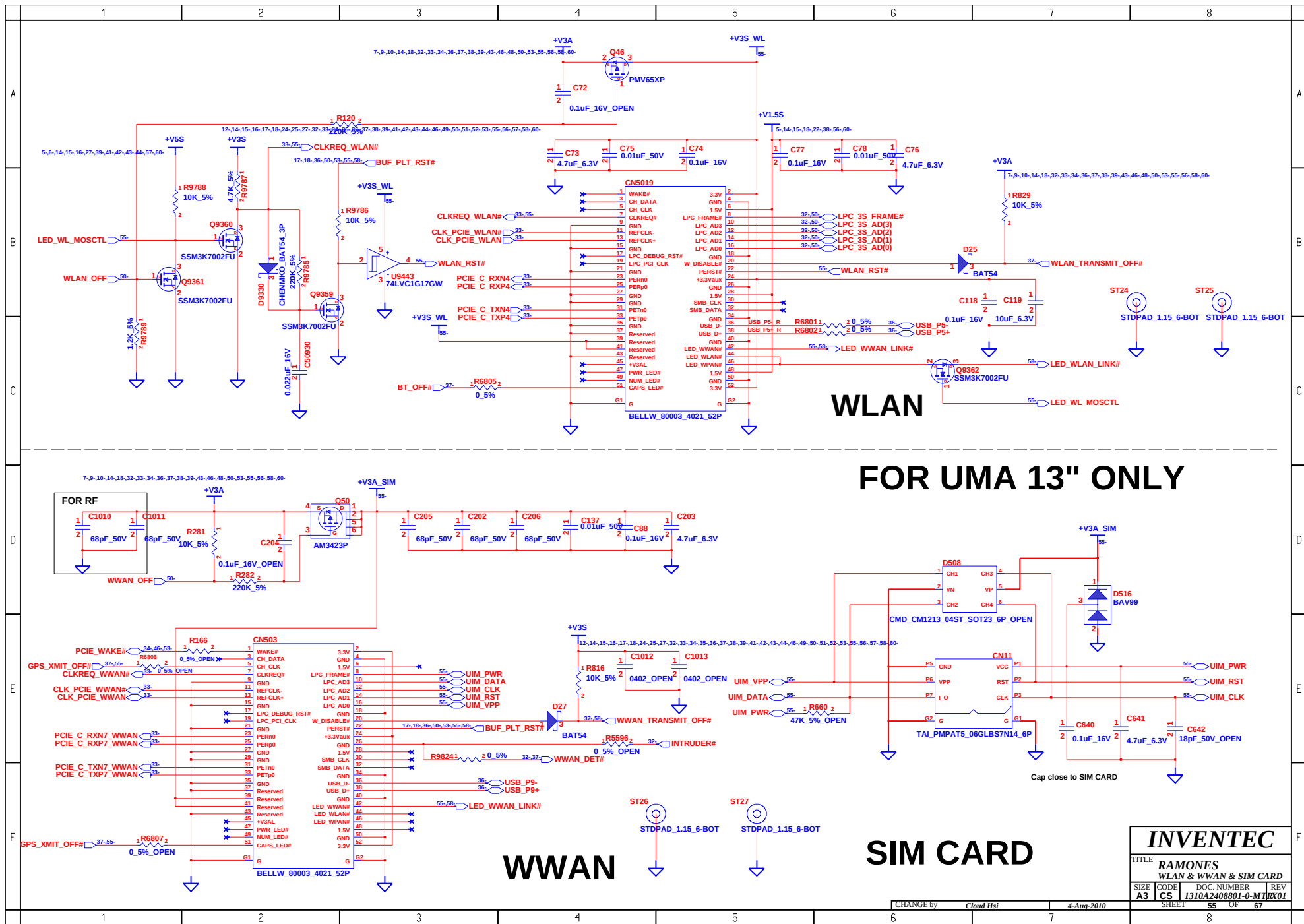
## MDC CONN

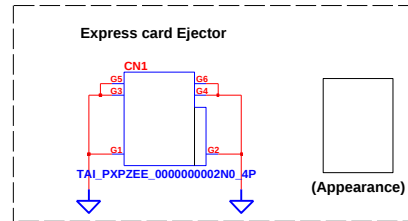


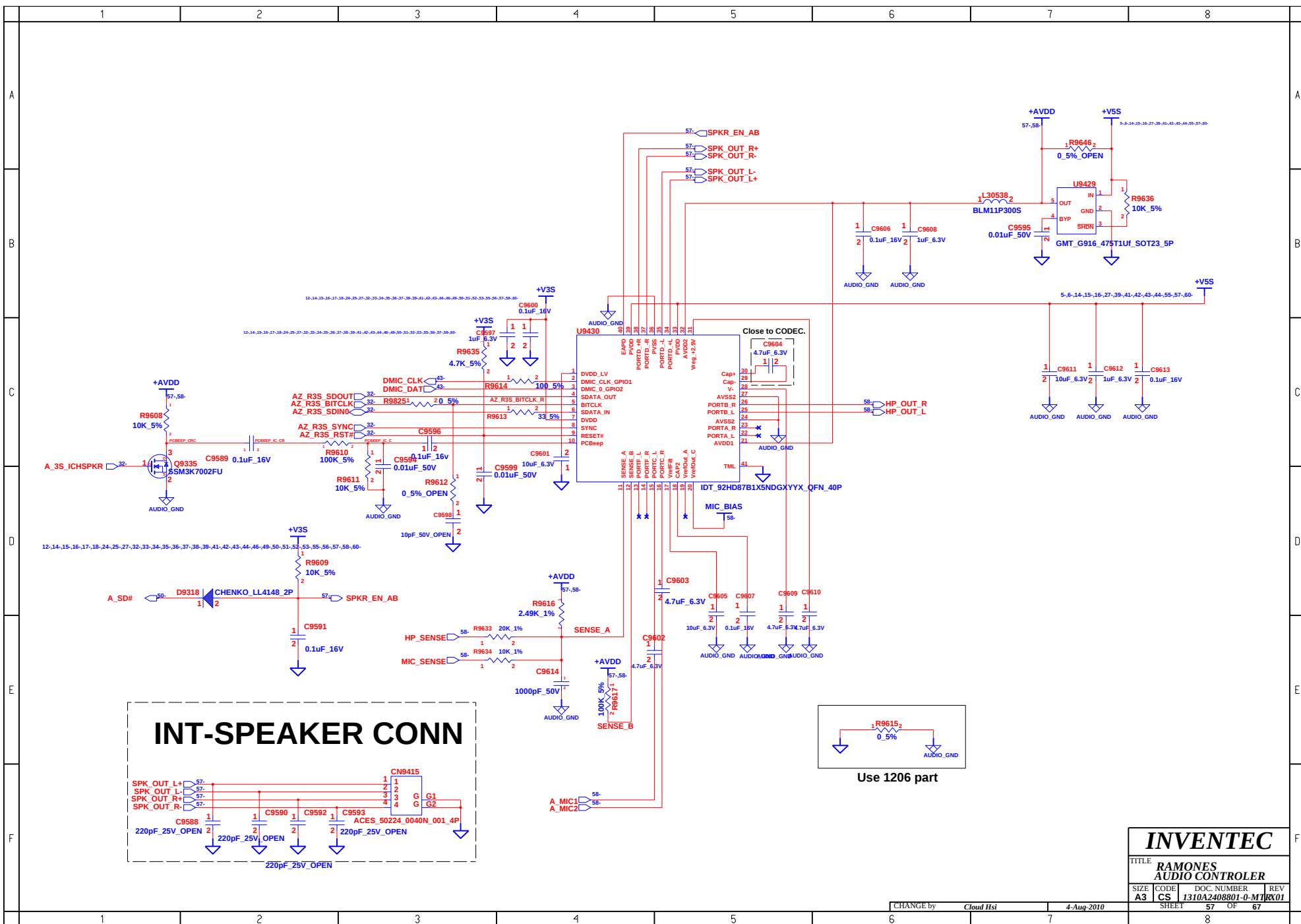
| INVENTEC               |            |                                  |             |
|------------------------|------------|----------------------------------|-------------|
| TITLE<br>RAMONES       |            |                                  |             |
| MDC                    |            |                                  |             |
| SIZE<br>A3             | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-M1 | REV<br>R001 |
| CHANGE by<br>Cloud Hsi |            | 4-Aug-2010                       |             |
| SHEET<br>52            |            | OF<br>67                         |             |

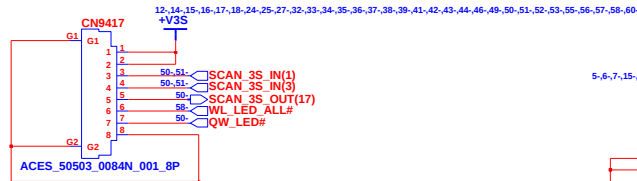




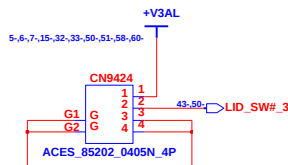




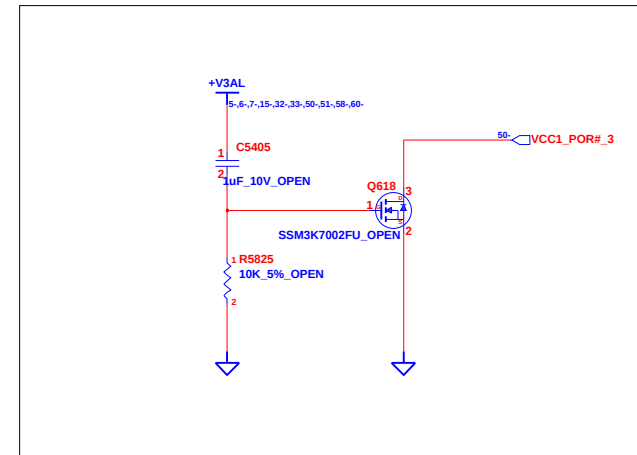




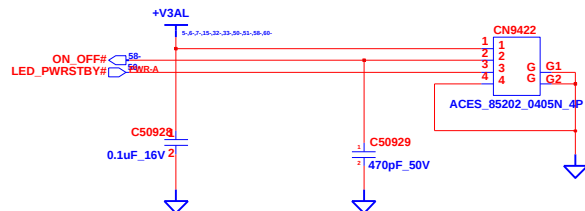
For QUICK LAUCH BOARD MB CONN



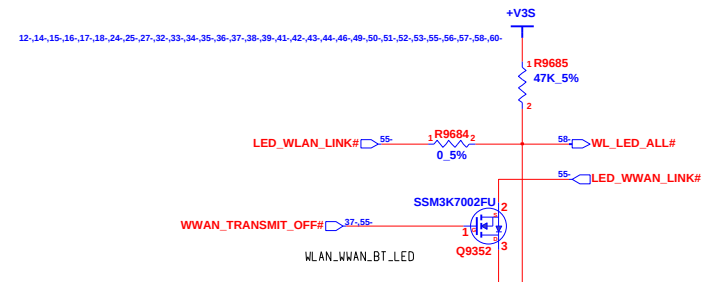
For LID SWITCH BOARD MB CONN



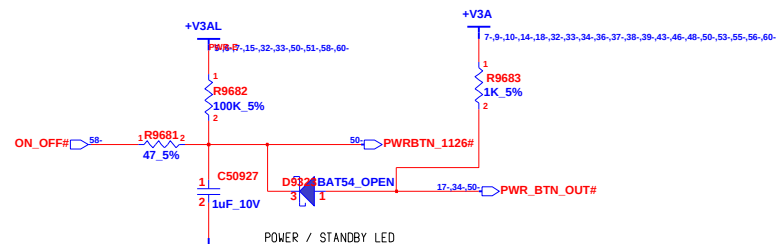
CLOSE TO KBC



For POWER BUTTON BOARD MB CONN



For CardReader&AUDIO Jack BOARD MB CONN



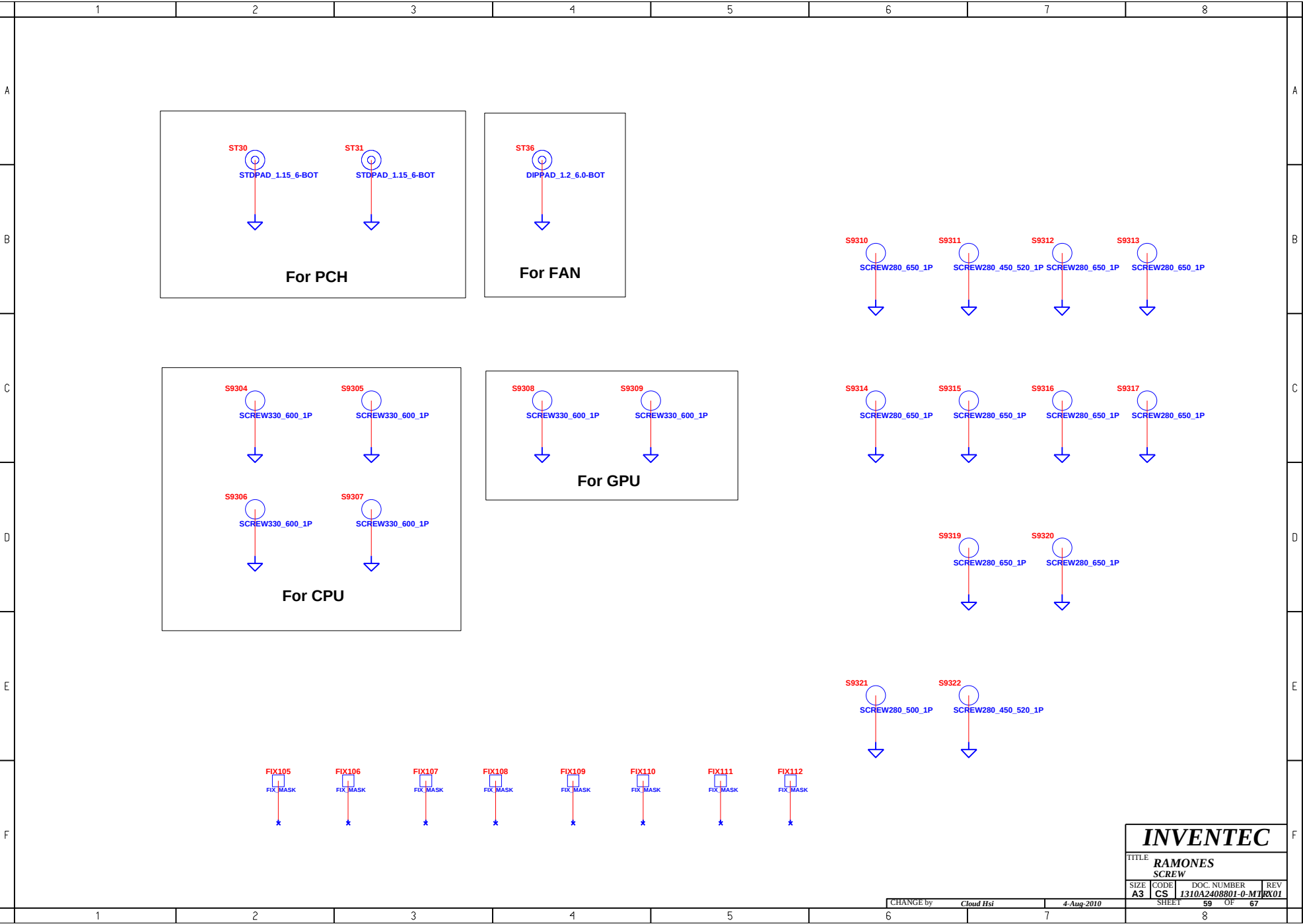
**INVENTEC**

TITLE  
**RAMONES  
Power Button MB Conn**

| SIZE | CODE | DOC. NUMBER       | REV  |
|------|------|-------------------|------|
| A3   | CS   | 1310A2408801-0-M1 | R001 |

CHANGE by Cloud Hsi 4-Aug-2010

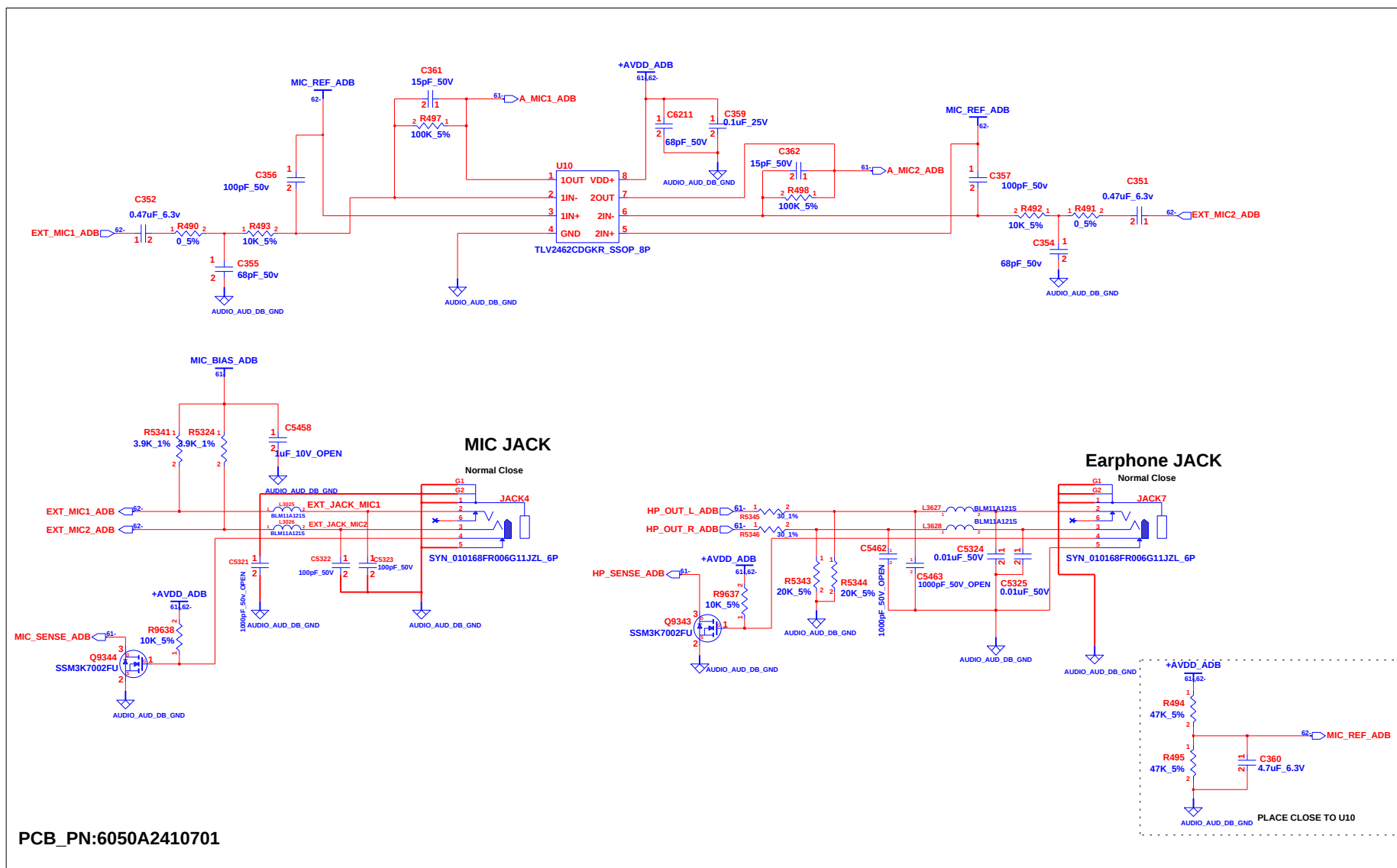
SHEET 58 OF 67



| INVENTEC                  |            |                                  |             |
|---------------------------|------------|----------------------------------|-------------|
| TITLE<br>RAMONES<br>SCREW |            |                                  |             |
| SIZE<br>A3                | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-M1 | REV<br>R001 |
| CHANGE by<br>Cloud Hsi    |            | 4-Aug-2010                       |             |
| SHEET<br>59               |            | OF<br>67                         |             |





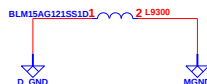
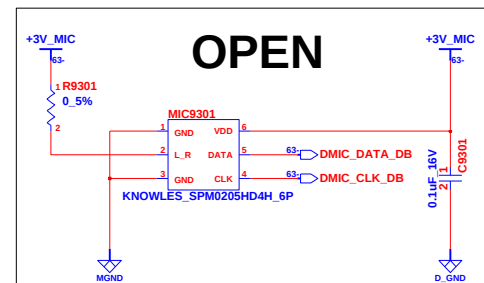
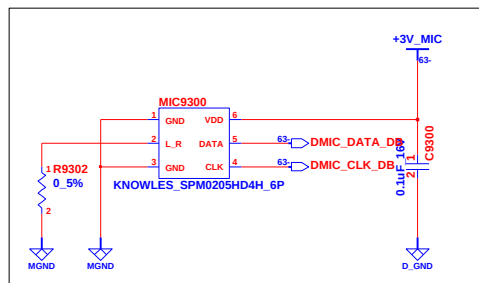
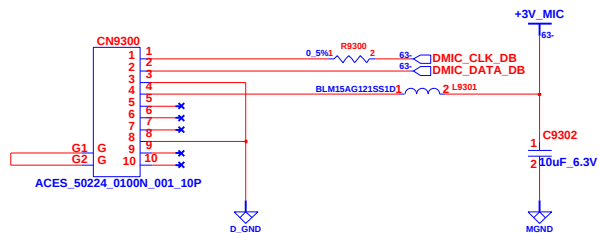


## Card READER & AUDIO BOARD 2/2

**INVENTEC**

|                                                          |           |                           |           |
|----------------------------------------------------------|-----------|---------------------------|-----------|
| TITLE                                                    |           |                           |           |
| <b>RAMONES</b><br><i>Card Reader &amp; Audio Board 2</i> |           |                           |           |
| SIZE                                                     | CODE      | DOC. NUMBER               | REV       |
| <b>A3</b>                                                | <b>CS</b> | <b>1310A2408801-0-MTR</b> | <b>01</b> |
| SHEET                                                    |           | 62                        | OF 67     |

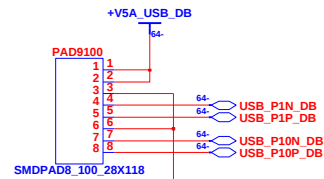
|           |           |            |
|-----------|-----------|------------|
| CHANGE by | Cloud Hsi | 4-Aug-2010 |
|-----------|-----------|------------|



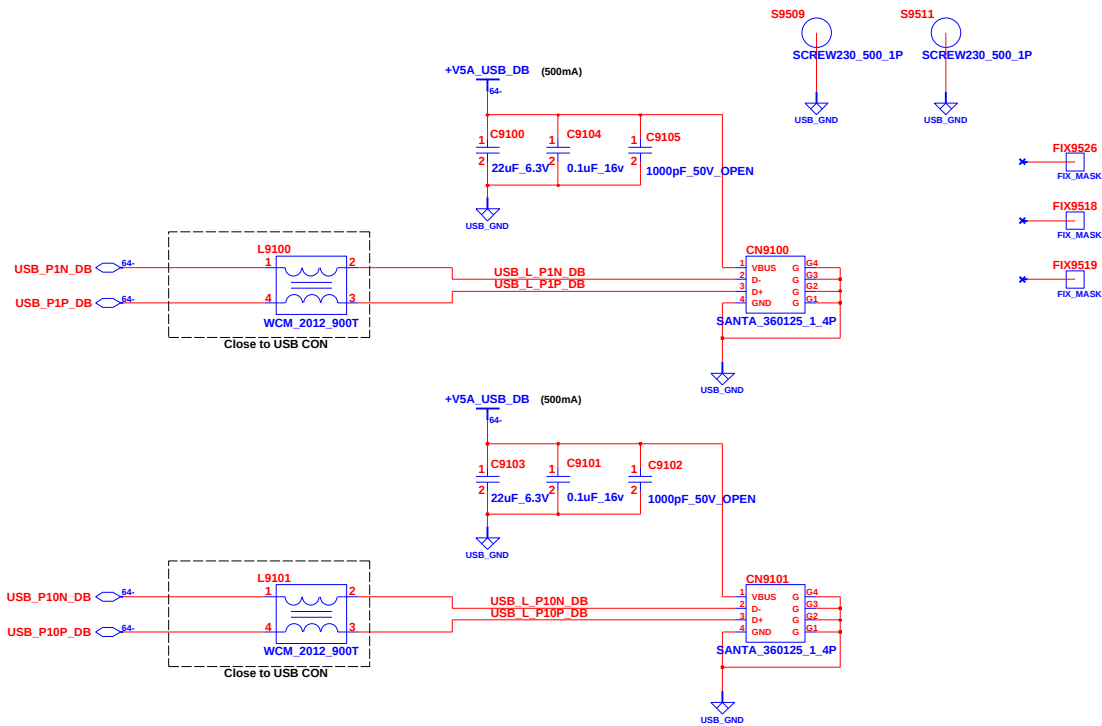
# **DIGITAL MIC BOARD** (PCBA the same with 13"/14")

PCB\_PN:6050A2412501

| INVENTEC                           |            |                                  |             |
|------------------------------------|------------|----------------------------------|-------------|
| TITLE<br>RAMONES<br>DIGITAL MIC DB |            |                                  |             |
| SIZE<br>A3                         | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-MT | REV<br>R001 |
| CHANGE by<br>Cloud Hsi             |            | 4-Aug-2010                       |             |
| SHEET<br>63                        |            | OF<br>67                         |             |



USB RIGHT SIDE BOARD DB CONN

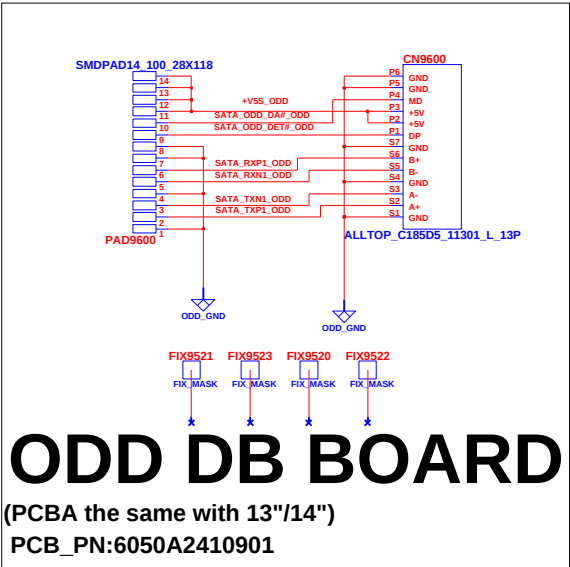
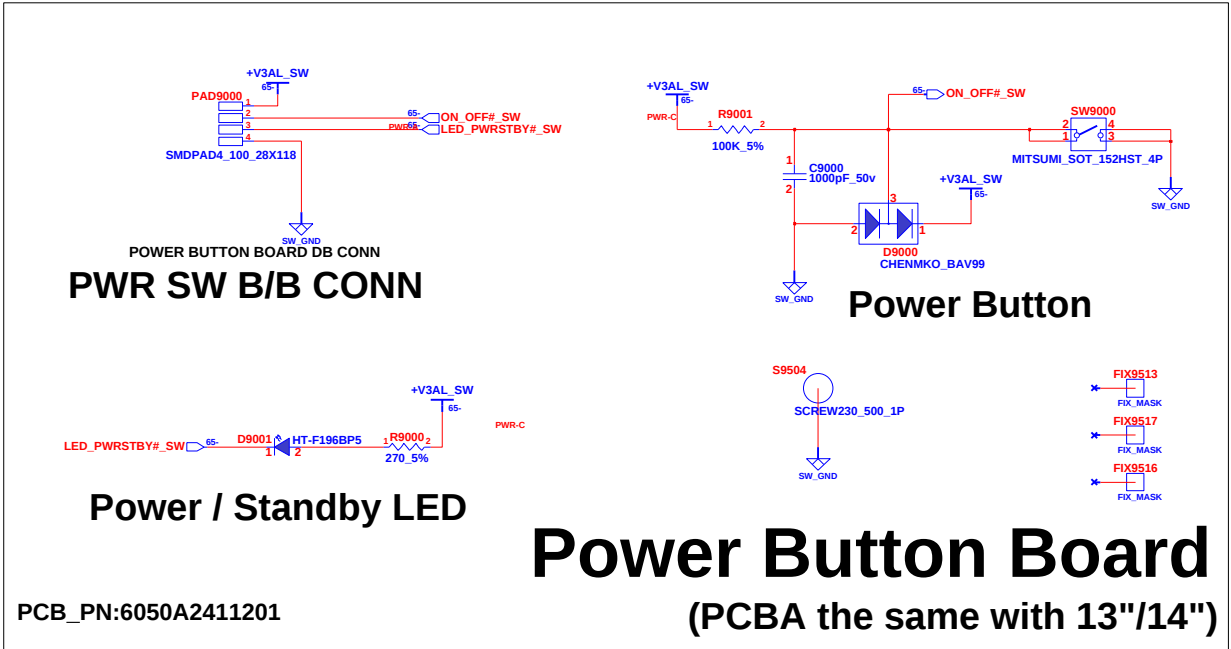


# USB Right Side Board

(PCBA the same w/13"/14")

PCB\_PN:6050A2411401

| INVENTEC                                    |            |                                  |             |
|---------------------------------------------|------------|----------------------------------|-------------|
| TITLE<br>RAMONES<br>USB RIGHT SIDE DB BOARD |            |                                  |             |
| SIZE<br>A3                                  | CODE<br>CS | DOC. NUMBER<br>1310A2408801-0-M1 | REV<br>R001 |
| CHANGE by<br>Cloud Hsi                      |            | 27-Aug-2010                      |             |
| SHEET<br>64                                 |            | OF<br>67                         |             |



**INVENTEC**

TITLE  
**RAMONES  
POWER BUTTON BOARD**

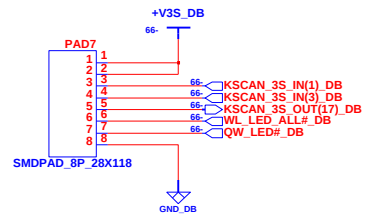
| SIZE | CODE | DOC. NUMBER      | REV |
|------|------|------------------|-----|
| A3   | CS   | 1310A2408801-0-M | 101 |

| SHEET | OF |
|-------|----|
| 65    | 67 |

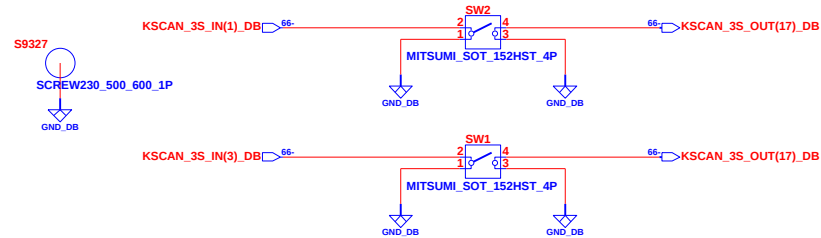
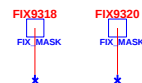
CHANGE by Cloud Hsi 4-Aug-2010

# Quick Launch Board

PCB\_PN:6050A2410501

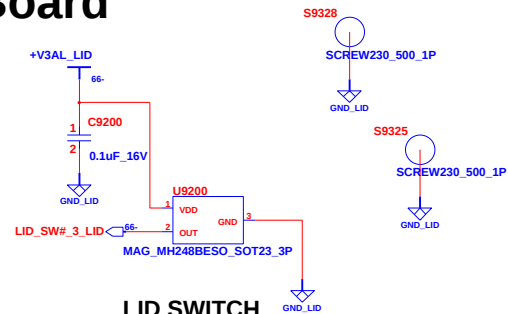
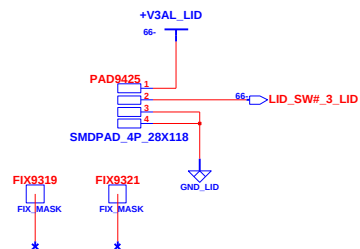


QUICK LAUCH BOARD DB CONN



# LID SWITCH BOARD Board

PCB\_PN:6050A2414801



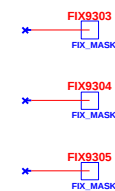
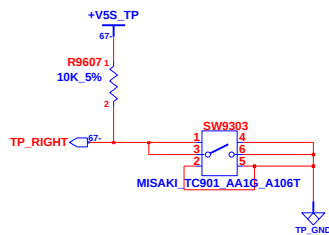
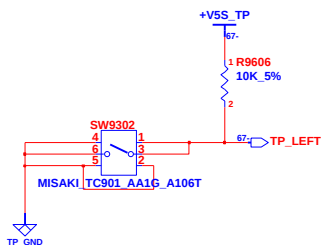
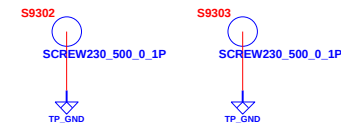
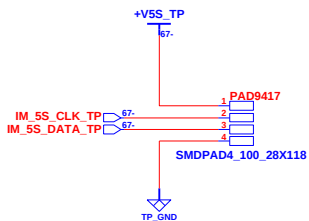
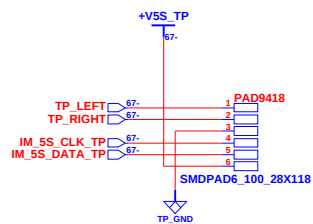
LID SWITCH

Reference Number 9200-9299

**INVENTEC**

|                        |      |                   |       |
|------------------------|------|-------------------|-------|
| TITLE                  |      |                   |       |
| RAMONES                |      |                   |       |
| QUICK LAUCH&WLAN BOARD |      |                   |       |
| SIZE                   | CODE | DOC. NUMBER       | REV   |
| A3                     | CS   | 1310A2408801-0-M1 | R001  |
| SHEET                  |      | 66                | OF 67 |

CHANGE by Cloud Hsi 4-Aug-2010



LEFT BUTTON

RIGHT BUTTON

# PICK Button Board

PCB\_PN:6050A2410601

| INVENTEC                         |         |                               |          |
|----------------------------------|---------|-------------------------------|----------|
| TITLE RAMONES TOUCH BOTTOM BOARD |         |                               |          |
| SIZE A3                          | CODE CS | DOC. NUMBER 1310A2408801-0-MT | REV R001 |
| SHEET 67                         |         | OF 67                         |          |

CHANGE by Cloud Hsi 27-Aug-2010