

U\_B2B-Connectors  
B2B-Connectors.SchDoc

U\_B13  
B13.SchDoc

U\_B33-B34  
B33-B34.SchDoc

U\_B35  
B35.SchDoc

U\_DDR3-RAM  
DDR3-RAM.SchDoc

U\_eMMC  
eMMC.SchDoc

U\_ETH-PHY  
ETH-PHY.SchDoc

U\_FPGA-MISC  
FPGA-MISC.SchDoc

U\_FPGA-PWR  
FPGA-PWR.SchDoc

U\_MIO-BANKS  
MIO-BANKS.SchDoc

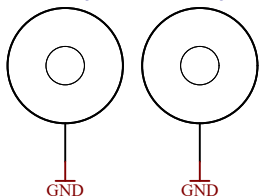
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PS-DDR.SchDoc

U\_SENSOR-RTC  
SENSOR-RTC.SchDoc

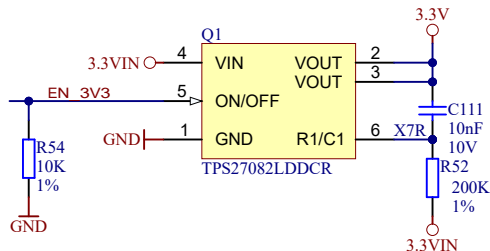
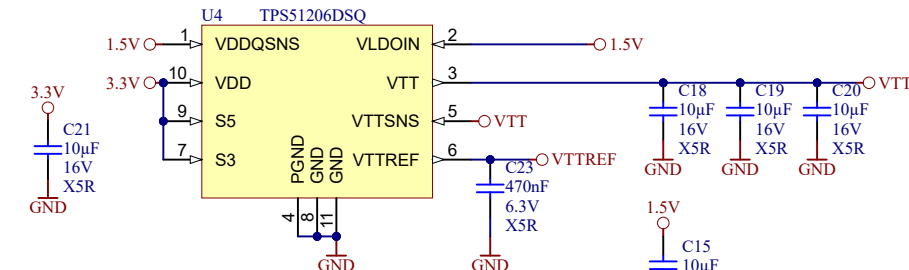
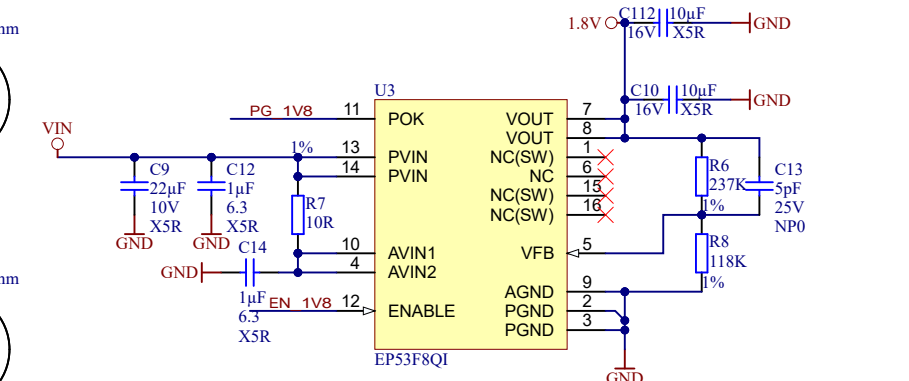
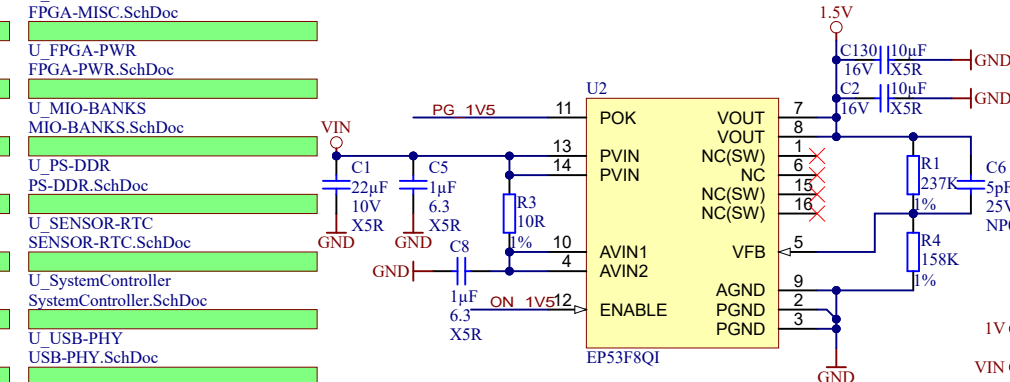
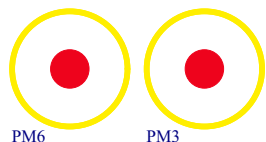
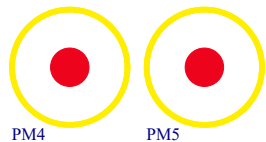
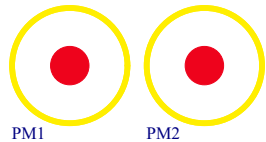
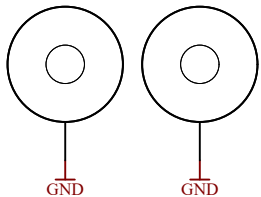
U\_SystemController  
SystemController.SchDoc

U\_USB-PHY  
USB-PHY.SchDoc

Mount.Hole 3.2mmMount.Hole 3.2mm

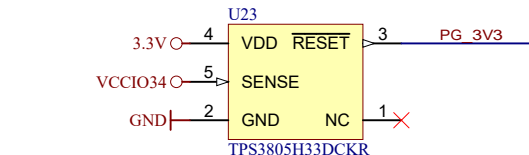
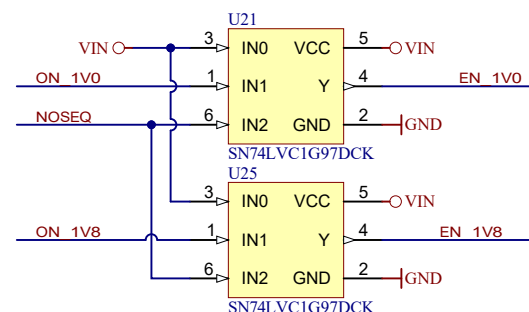
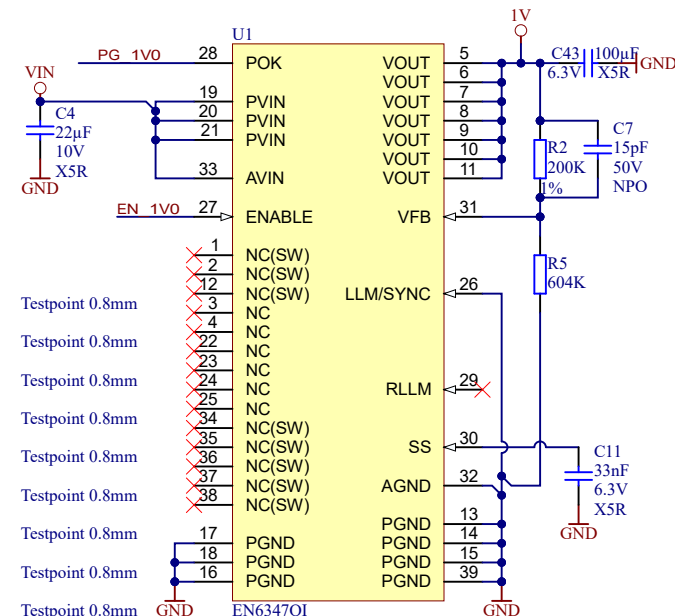


Mount.Hole 3.2mmMount.Hole 3.2mm



- 1V TP1 Testpoint 0.8mm
- VIN TP2 Testpoint 0.8mm
- 1.5V TP3 Testpoint 0.8mm
- 1.8V TP4 Testpoint 0.8mm
- VTT TP5 Testpoint 0.8mm
- VTTREF TP6 Testpoint 0.8mm
- 3.3VIN TP7 Testpoint 0.8mm
- 3.3V TP8 Testpoint 0.8mm
- VCCIO13 TP9 Testpoint 0.8mm
- VCCIO33 TP10 Testpoint 0.8mm
- VCCIO34 TP11 Testpoint 0.8mm
- VCCIO35 TP12 Testpoint 0.8mm
- AVCC TP13 Testpoint 0.8mm
- AVREF TP14 Testpoint 0.8mm
- AGND TP15 Testpoint 0.8mm
- GND TP16 Testpoint 0.8mm
- GND TP17 Testpoint 0.8mm
- GND TP18 Testpoint 0.8mm
- GND TP19 Testpoint 0.8mm
- GND TP20 Testpoint 0.8mm

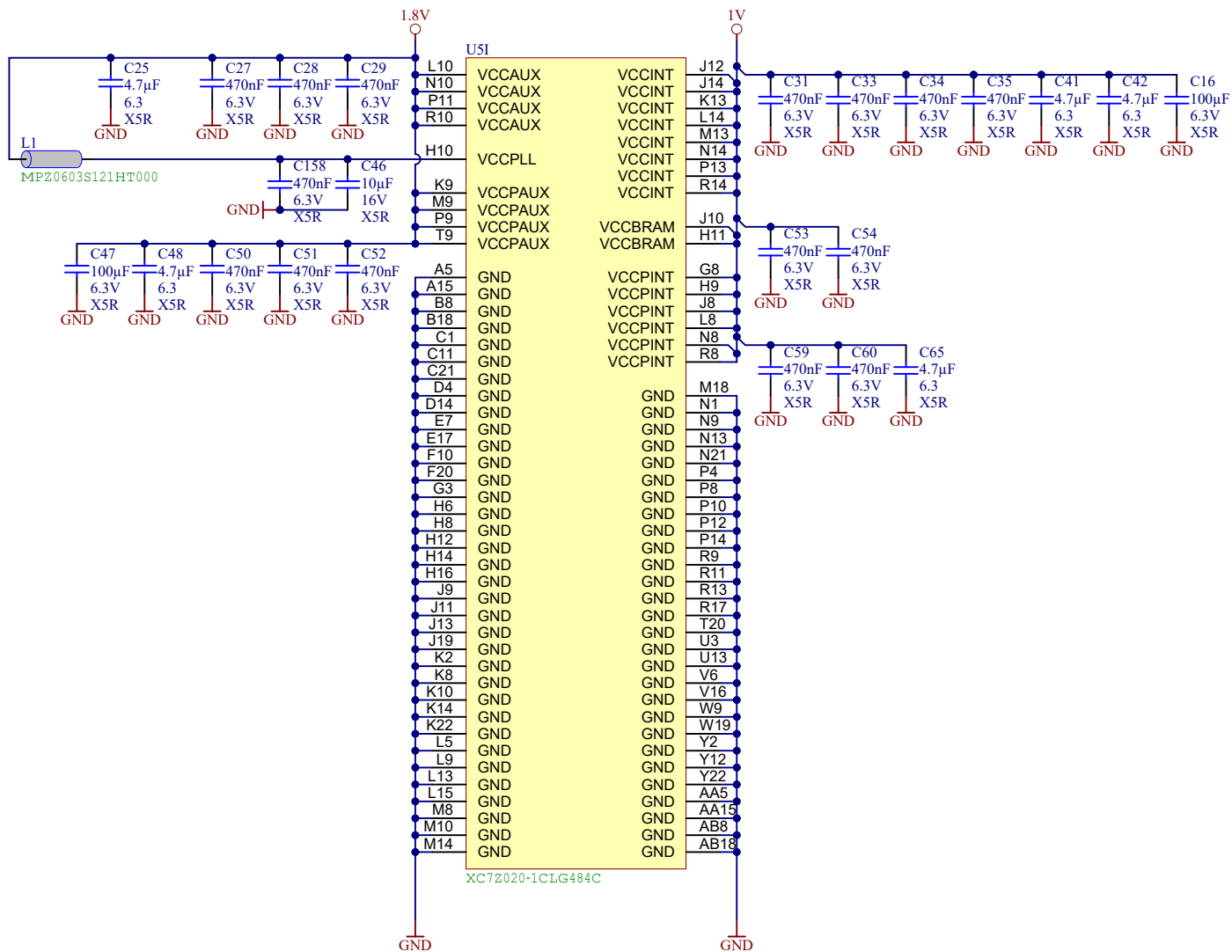
Serial  
Serial  
Serialnumber 6,3 x 6.3mm



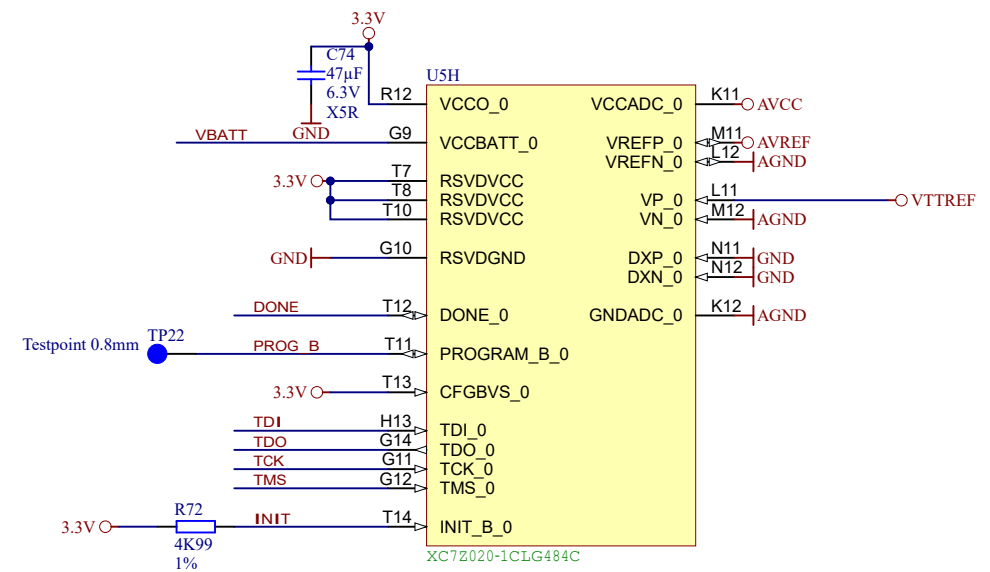
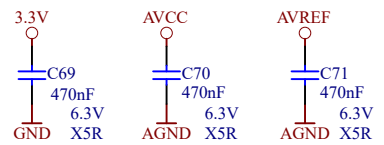
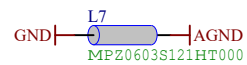
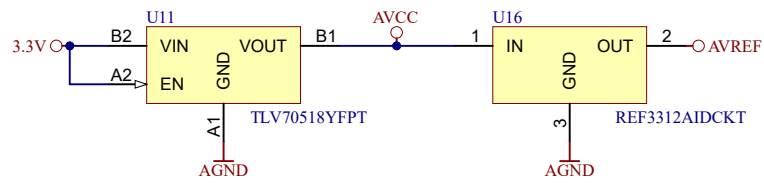
Assembly variant 61C33MA  
Created by MR  
Modified by MR  
Modified at 2021-07-06  
SVN Revision 9068

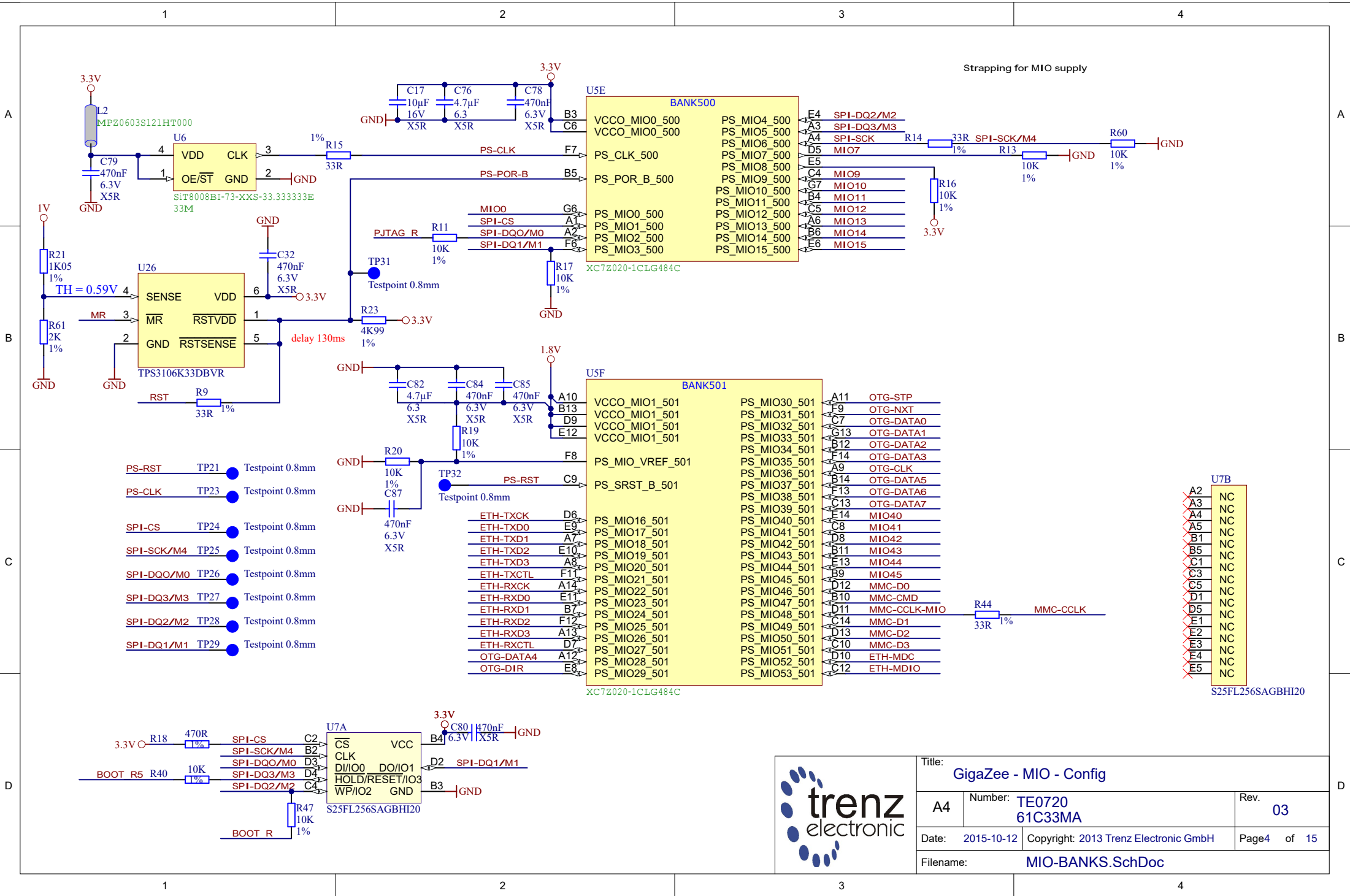


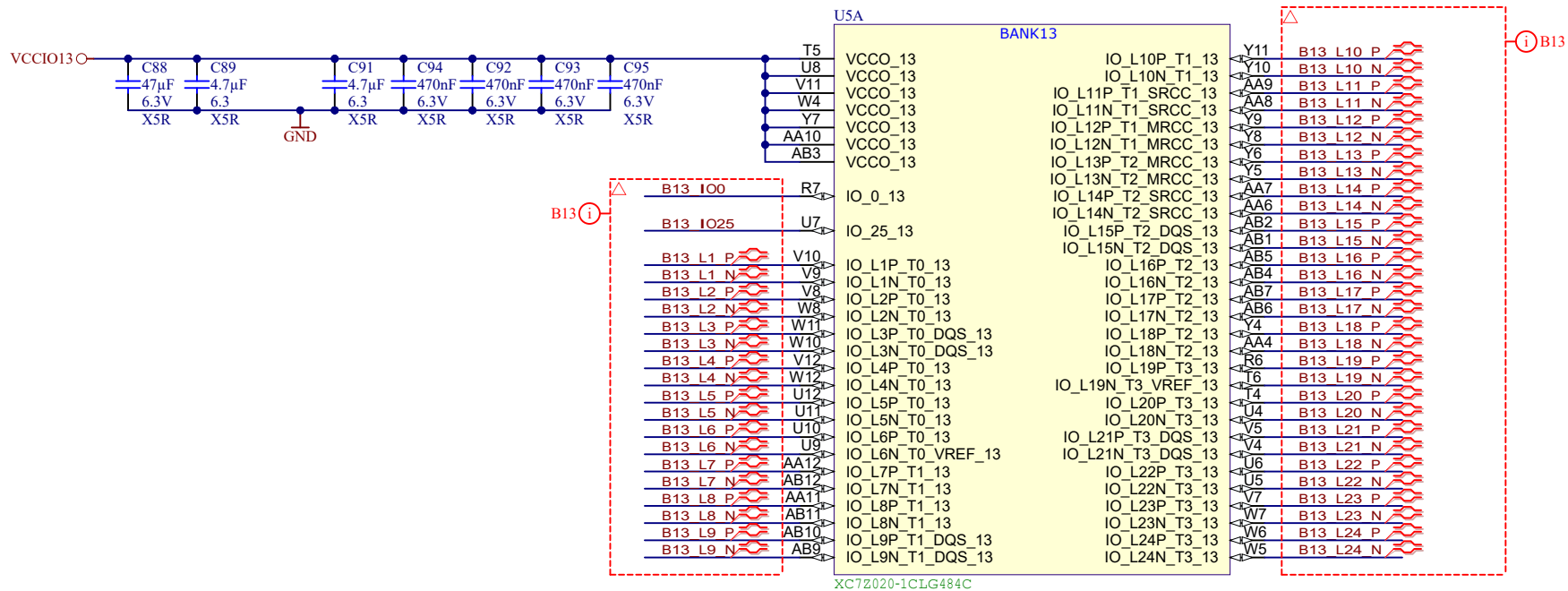
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|------------------------|---------------------------------------|---------|--------------|
| Title: GigaZee - Power |                                       |         |              |
| A4                     | Number: TE0720 61C33MA                | Rev. 03 |              |
| Date: 2015-10-12       | Copyright: 2013 Trenz Electronic GmbH |         | Page 1 of 15 |
| Drawn by: *            | Filename: TE0720.SchDoc               |         |              |



|                                                                                       |  |                             |                                       |             |
|---------------------------------------------------------------------------------------|--|-----------------------------|---------------------------------------|-------------|
|  |  | Title: GigaZee - FPGA Power |                                       |             |
|                                                                                       |  | A4                          | Number: TE0720<br>61C33MA             | Rev. 03     |
|                                                                                       |  | Date: 2015-10-12            | Copyright: 2013 Trenz Electronic GmbH | Page2 of 15 |
|                                                                                       |  | Filename: FPGA-PWR.SchDoc   |                                       |             |

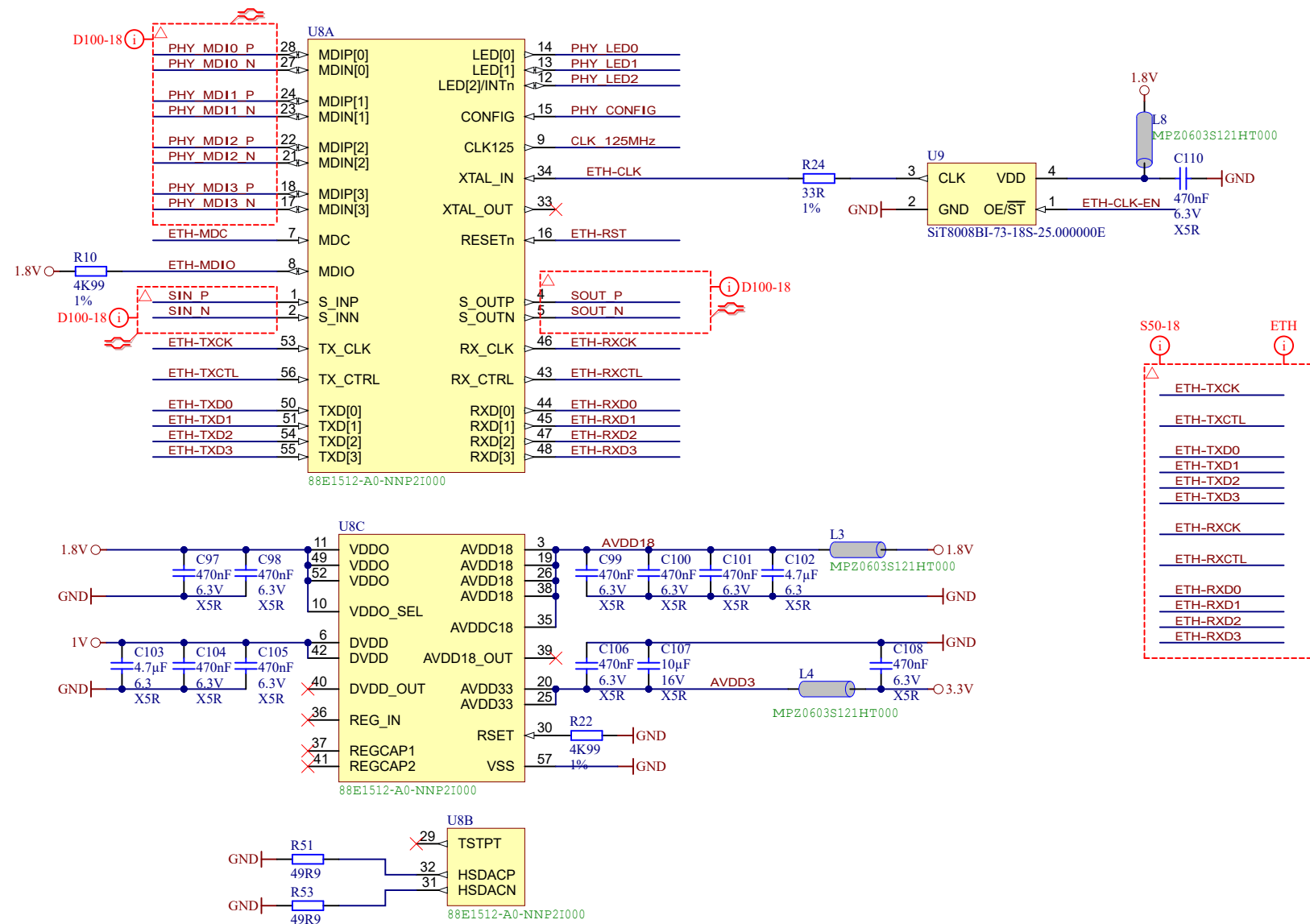




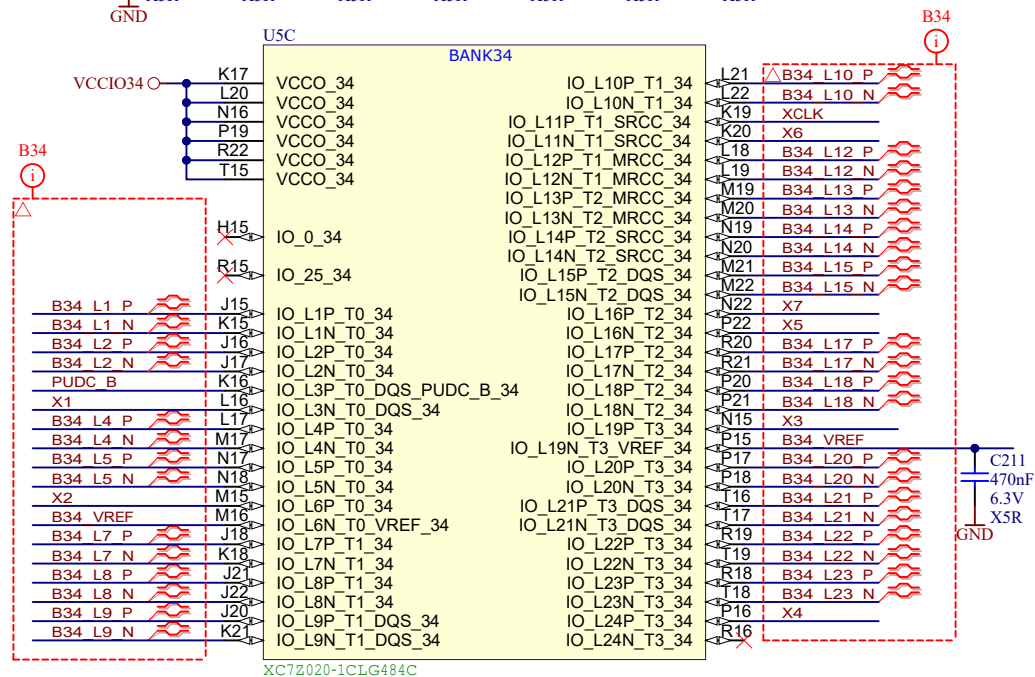
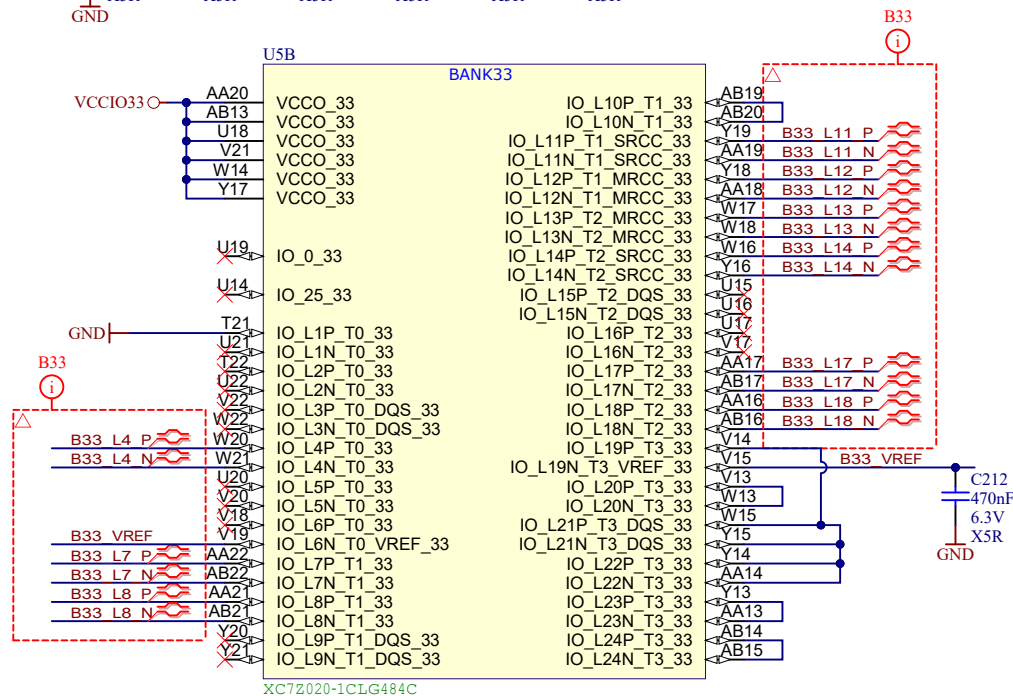
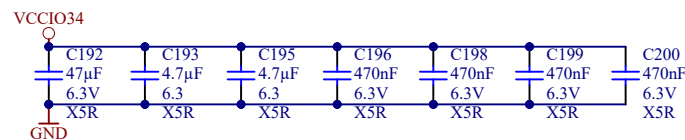
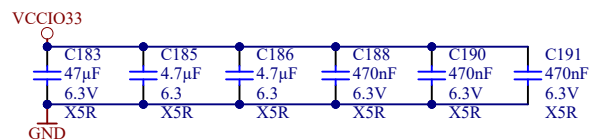


|                                                                                       |                      |                                       |             |
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|                                                                                       | A4                   | Number: TE0720<br>61C33MA             | Rev. 03     |
|                                                                                       | Date: 2015-10-12     | Copyright: 2013 Trenz Electronic GmbH | Page5 of 15 |
|                                                                                       | Filename: B13.SchDoc |                                       |             |

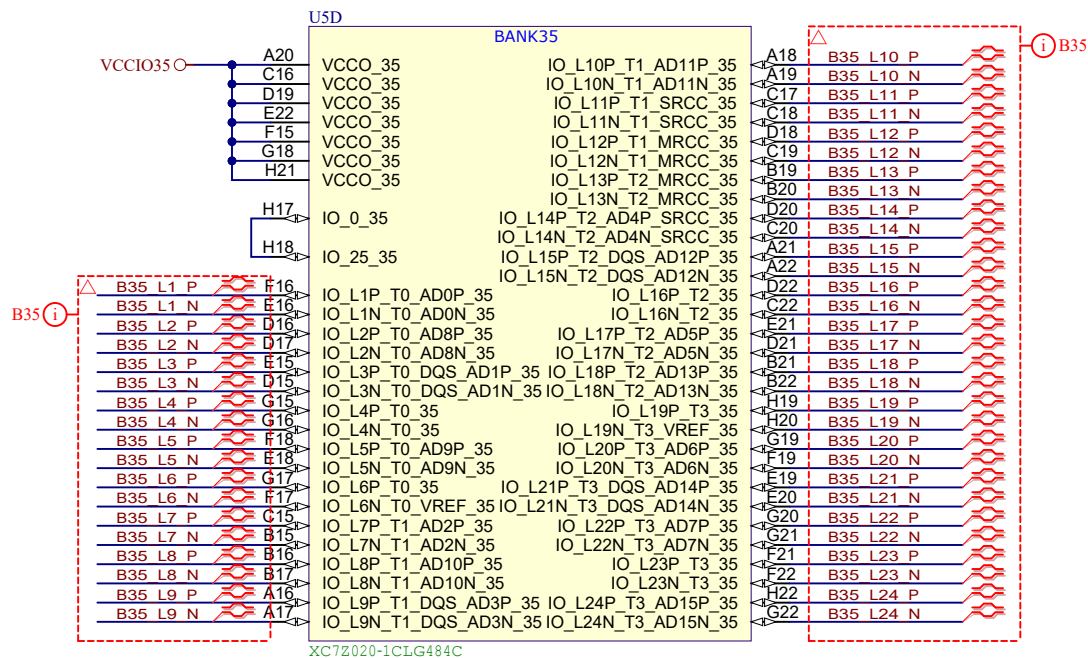
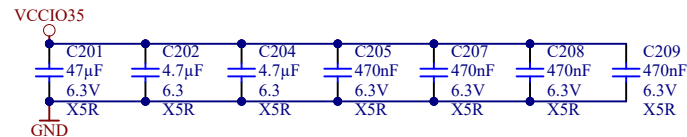




|                           |                                       |              |
|---------------------------|---------------------------------------|--------------|
| Title: GigaZee - Ethernet |                                       |              |
| A4                        | Number: TE0720<br>61C33MA             | Rev. 03      |
| Date: 2015-10-12          | Copyright: 2013 Trenz Electronic GmbH |              |
| Filename: ETH-PHY.SchDoc  |                                       | Page 7 of 15 |



|                            |                                       |         |             |
|----------------------------|---------------------------------------|---------|-------------|
| Title: GigaZee - B33 - B34 |                                       |         |             |
| A4                         | Number: TE0720<br>61C33MA             | Rev. 03 |             |
| Date: 2015-10-12           | Copyright: 2013 Trenz Electronic GmbH |         | Page8 of 15 |
| Filename: B33-B34.SchDoc   |                                       |         |             |



|                      |                                       |         |              |
|----------------------|---------------------------------------|---------|--------------|
| Title: GigaZee - B35 |                                       |         |              |
| A4                   | Number: TE0720 61C33MA                | Rev. 03 |              |
| Date: 2015-10-12     | Copyright: 2013 Trenz Electronic GmbH |         | Page 9 of 15 |
| Filename: B35.SchDoc |                                       |         |              |

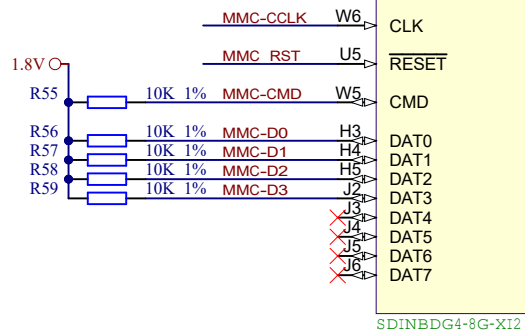


U15D

|     |    |    |      |
|-----|----|----|------|
| A4  | NC | NC | R2   |
| A6  | NC | NC | R3   |
| A9  | NC | NC | R12  |
| A11 | NC | NC | R13  |
| B2  | NC | NC | R14  |
| B13 | NC | NC | T1   |
| D1  | NC | NC | T2   |
| D14 | NC | NC | T3   |
| H1  | NC | NC | T12  |
| H2  | NC | NC | T13  |
| H8  | NC | NC | T14  |
| H9  | NC | NC | U1   |
| H10 | NC | NC | U2   |
| H11 | NC | NC | U3   |
| H12 | NC | NC | U12  |
| H13 | NC | NC | U13  |
| H14 | NC | NC | U14  |
| J1  | NC | NC | V1   |
| J7  | NC | NC | V2   |
| J8  | NC | NC | V3   |
| J9  | NC | NC | V12  |
| J10 | NC | NC | V13  |
| J11 | NC | NC | V14  |
| J12 | NC | NC | W1   |
| J13 | NC | NC | W2   |
| J14 | NC | NC | W3   |
| K1  | NC | NC | W7   |
| K3  | NC | NC | W8   |
| K7  | NC | NC | W9   |
| K8  | NC | NC | W10  |
| K9  | NC | NC | W11  |
| K10 | NC | NC | W12  |
| K11 | NC | NC | W13  |
| K12 | NC | NC | W14  |
| K13 | NC | NC | Y1   |
| K14 | NC | NC | Y3   |
| L1  | NC | NC | Y6   |
| L2  | NC | NC | Y7   |
| L3  | NC | NC | Y8   |
| L4  | NC | NC | Y9   |
| L12 | NC | NC | Y10  |
| L13 | NC | NC | Y11  |
| L14 | NC | NC | Y12  |
| M1  | NC | NC | Y13  |
| M2  | NC | NC | Y14  |
| M3  | NC | NC | AA1  |
| M12 | NC | NC | AA2  |
| M13 | NC | NC | AA8  |
| M14 | NC | NC | AA9  |
| N1  | NC | NC | AA11 |
| N2  | NC | NC | AA12 |
| N3  | NC | NC | AA13 |
| N12 | NC | NC | AA14 |
| N13 | NC | NC | AE1  |
| N14 | NC | NC | AE14 |
| P1  | NC | NC | AG2  |
| P2  | NC | NC | AG13 |
| P12 | NC | NC | AH4  |
| P13 | NC | NC | AH6  |
| P14 | NC | NC | AH9  |
| R1  | NC | NC | AH11 |

SDINBDG4-8G-X12

U15A

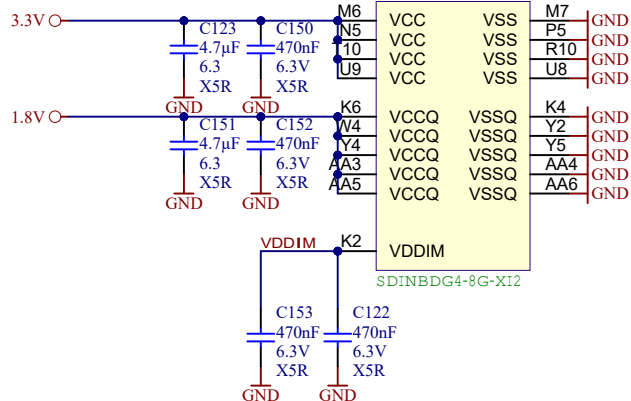


U15C

|      |     |
|------|-----|
| H6   | RFU |
| H7   | RFU |
| K5   | RFU |
| M5   | RFU |
| M8   | RFU |
| M9   | RFU |
| M10  | RFU |
| N10  | RFU |
| P3   | RFU |
| P10  | RFU |
| R5   | RFU |
| T5   | RFU |
| U6   | RFU |
| U7   | RFU |
| U10  | RFU |
| AA7  | RFU |
| AA10 | RFU |

SDINBDG4-8G-X12

U15B



Title: GigaZee - eNAND

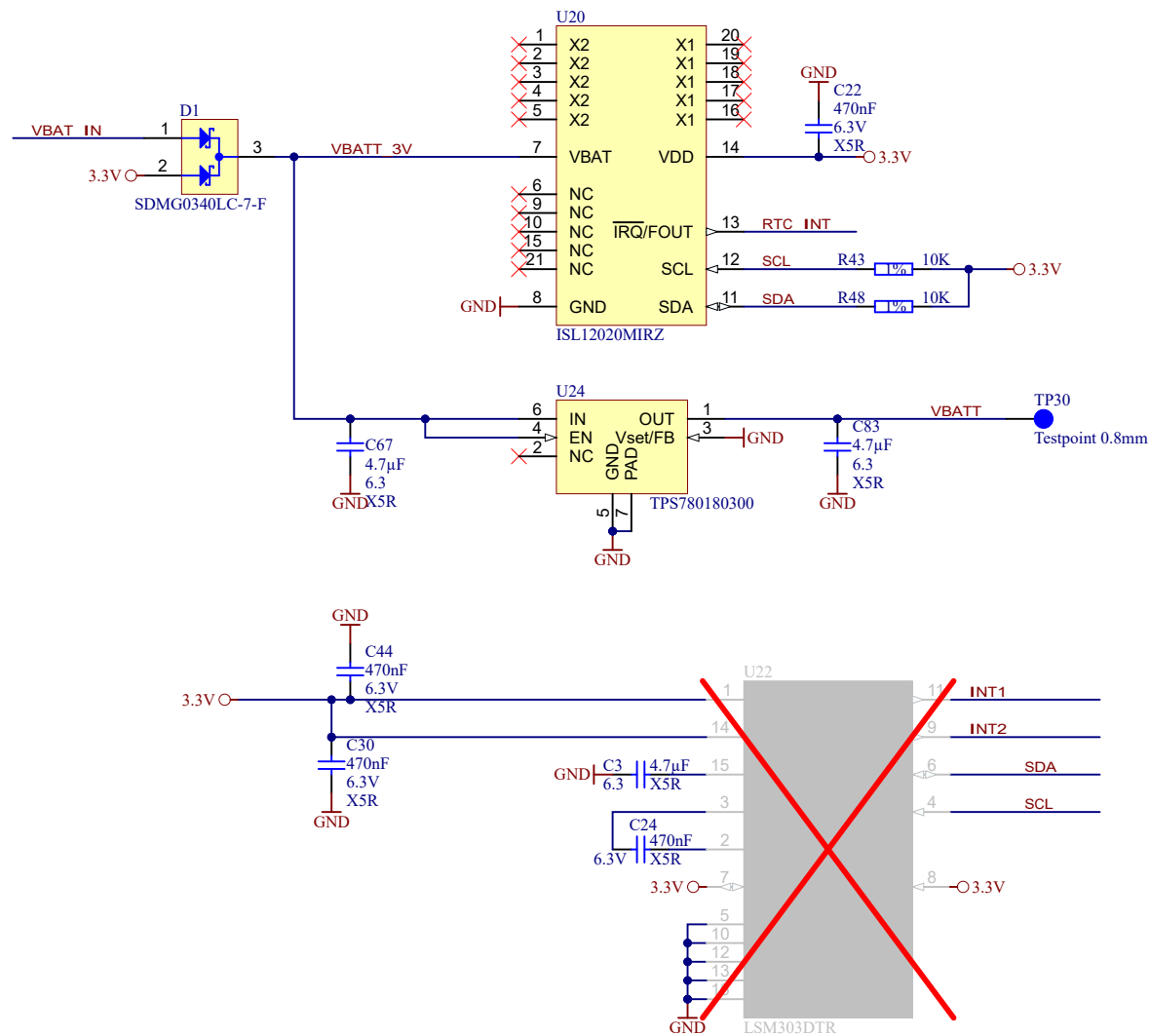
A4 Number: TE0720  
61C33MA

Rev. 03

Date: 2015-10-12 Copyright: 2013 Trenz Electronic GmbH

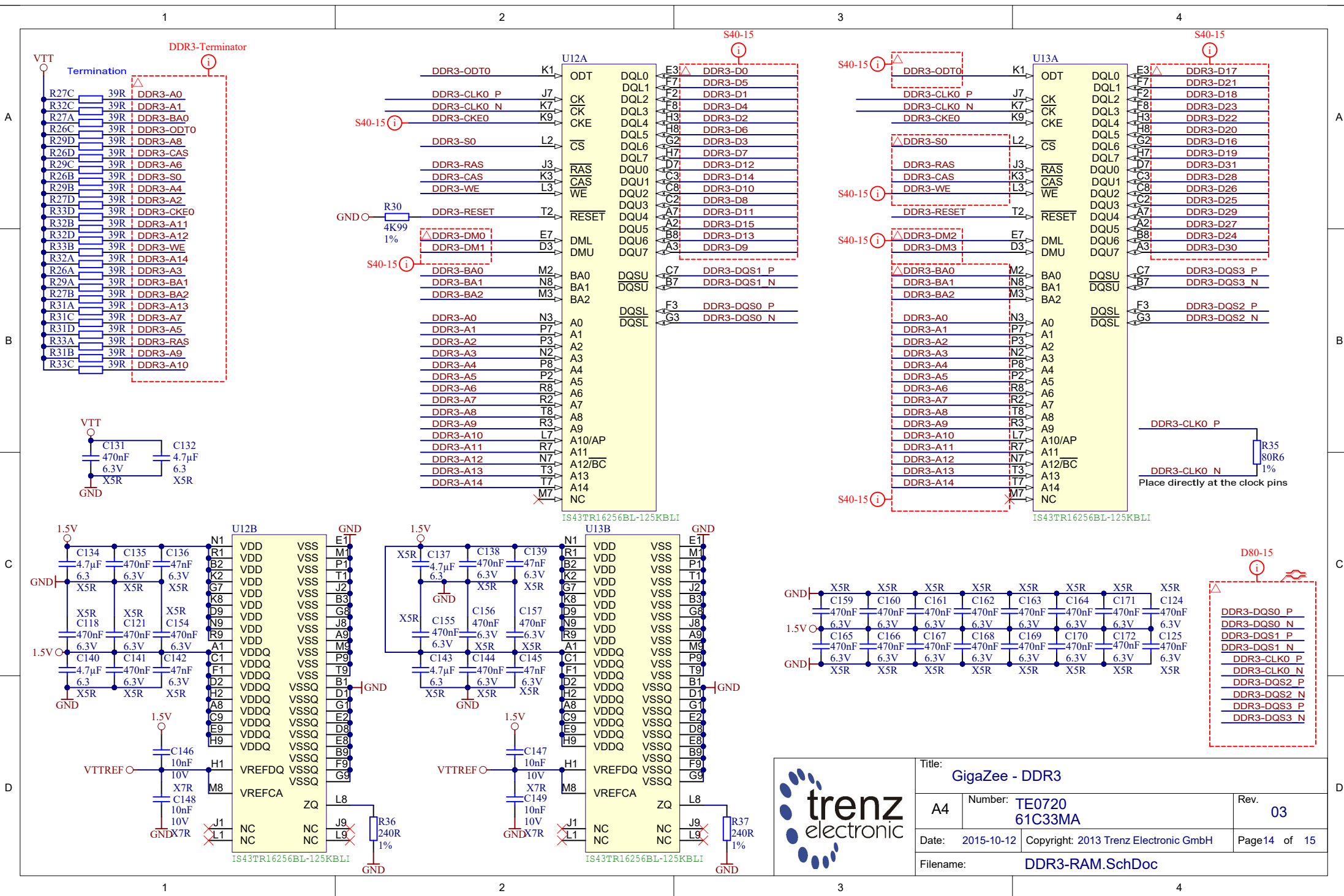
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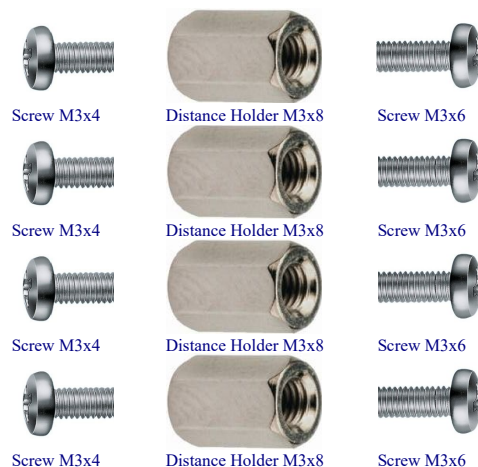
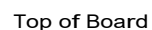
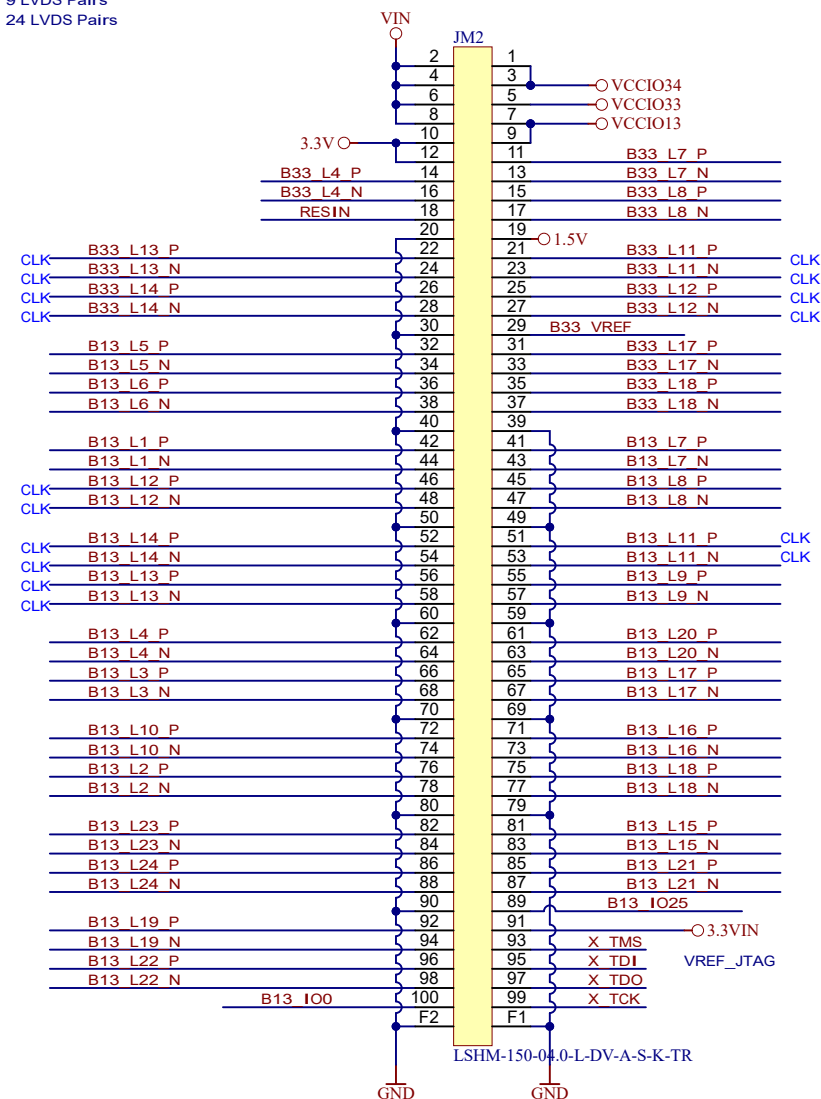
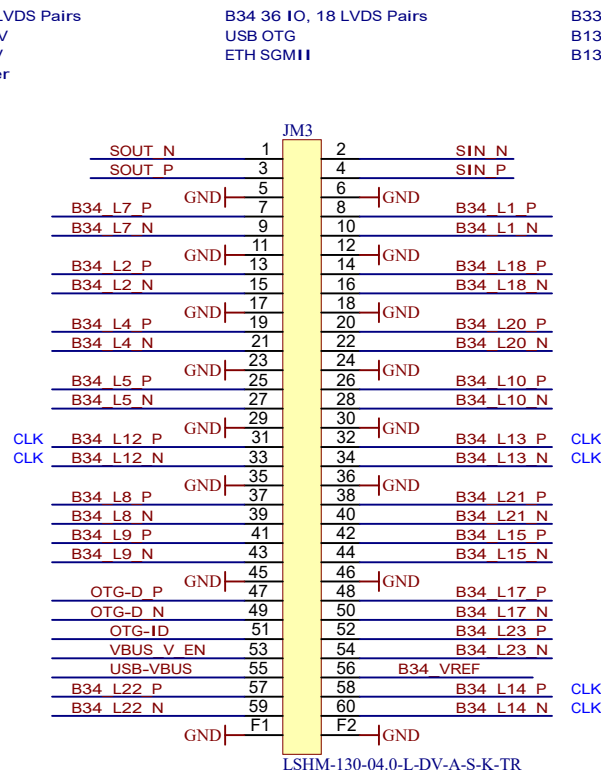
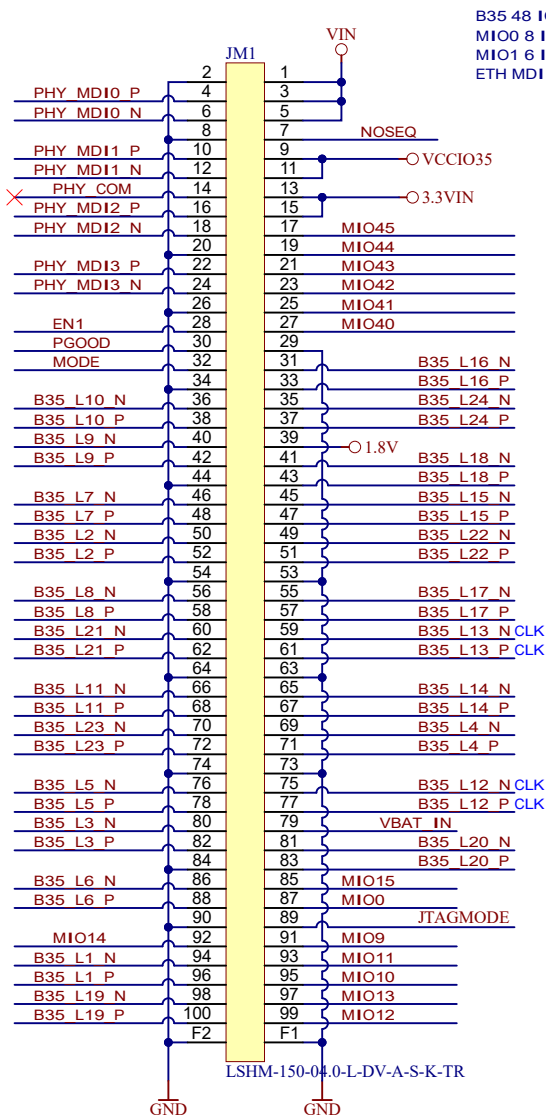
Filename: eMMC.SchDoc



|                                                                                       |                                      |                                       |              |
|---------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------|--------------|
|  | Title: GigaZee - RTC, MEMS, SHA, MAC |                                       |              |
|                                                                                       | A4                                   | Number: TE0720<br>61C33MA             | Rev. 03      |
|                                                                                       | Date: 2015-10-12                     | Copyright: 2013 Trenz Electronic GmbH | Page12 of 15 |
|                                                                                       | Filename: SENSOR-RTC.SchDoc          |                                       |              |







|                                        |                                       |                |                             |
|----------------------------------------|---------------------------------------|----------------|-----------------------------|
| Title: <b>GigaZee - B2B Connector</b>  |                                       |                |                             |
| A4                                     | Number: <b>TE0720<br/>61C33MA</b>     | Rev. <b>03</b> |                             |
| Date: <b>2015-10-12</b>                | Copyright: 2013 Trenz Electronic GmbH |                | Page <b>15</b> of <b>15</b> |
| Filename: <b>B2B-Connectors.SchDoc</b> |                                       |                |                             |