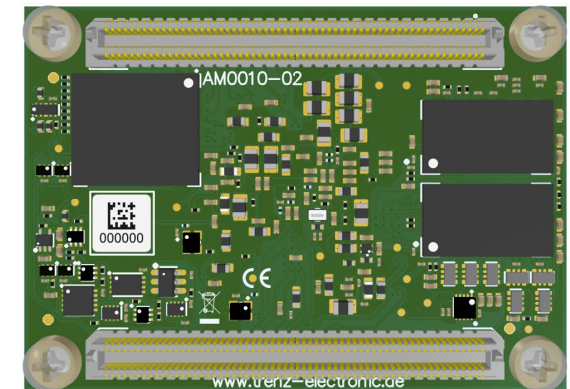
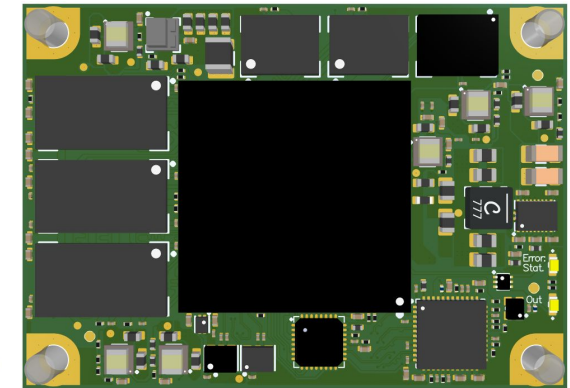
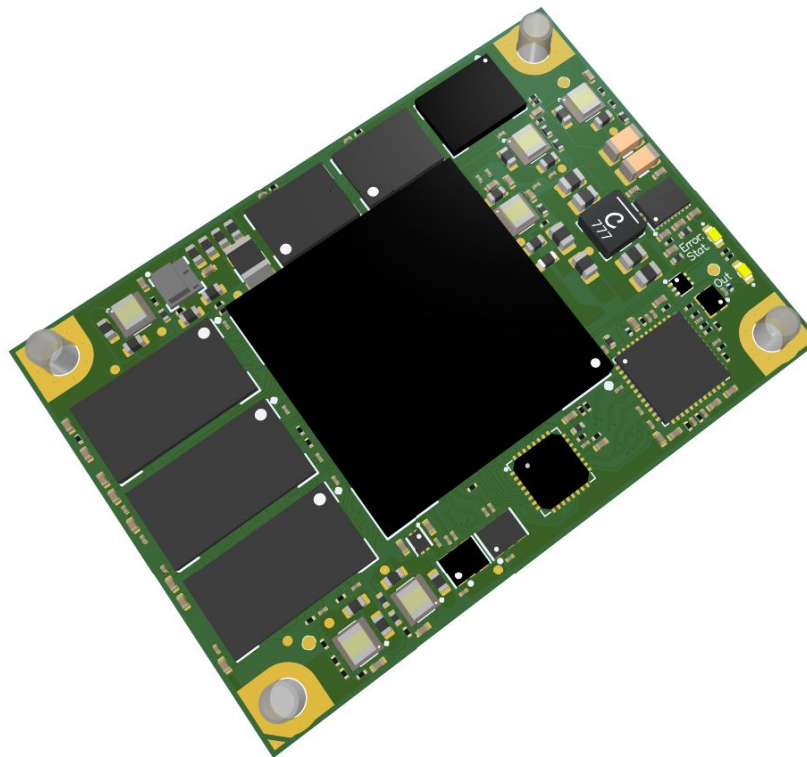




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Schematics and other handouts serve for informational purposes only!



|                                        |                                          |                                  |              |
|----------------------------------------|------------------------------------------|----------------------------------|--------------|
| Title: AM0010 – Legal Notices Modules  |                                          |                                  |              |
| A4                                     | Number: Legal Notices Modules<br>5DI21MA |                                  | Rev. 02      |
| Date: 04.08.2022                       |                                          | Copyright: Trenz Electronic GmbH | Page 1 of 30 |
| Filename: Legal Notices Modules.SchDoc |                                          |                                  |              |

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U\_B2B\_Connector\_1  
B2B\_Connector\_1.SchDoc

U\_B2B\_Connector\_2  
B2B\_Connector\_2.SchDoc

U\_MPSoC  
MPSoC.SchDoc

U\_DDR4-RAM  
DDR4-RAM.SchDoc

U\_DDR4-RAM\_2  
DDR4-RAM\_2.SchDoc

U\_DDR4-RAM\_3  
DDR4-RAM\_3.SchDoc

U\_DDR4-RAM\_4  
DDR4-RAM\_4.SchDoc

U\_DDR4-RAM\_5  
DDR4-RAM\_5.SchDoc

U\_DDR4-CAPS  
DDR4-CAPS.SchDoc

U\_DDR4-TERM  
DDR4-TERM.SchDoc

U\_ETHPHY  
ETHPHY.SchDoc

U\_USBPHY  
USBPHY.SchDoc

U\_eMMC  
eMMC.SchDoc

U\_MISC  
MISC.SchDoc

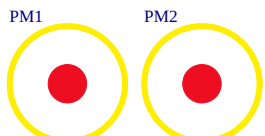
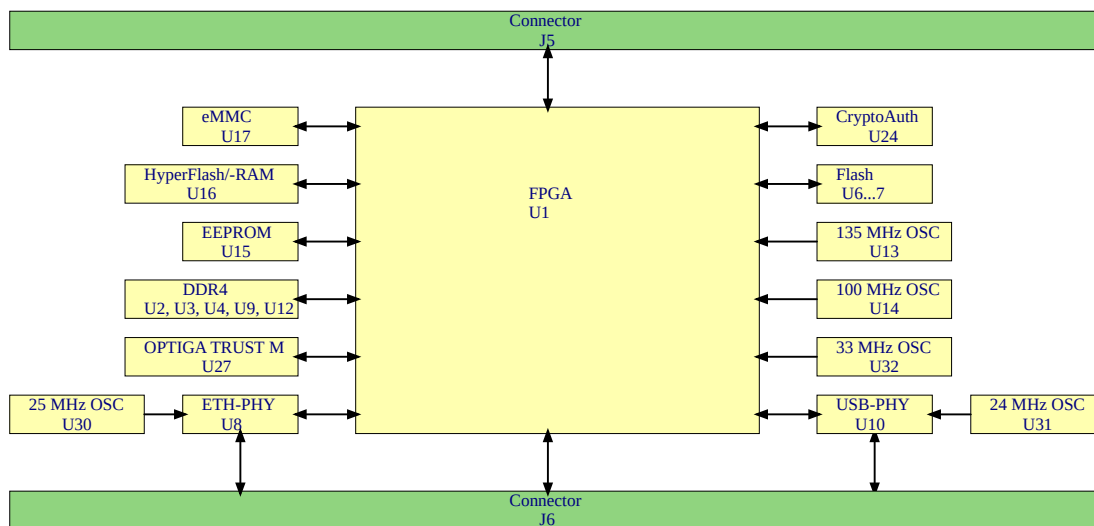
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POWER\_1.SchDoc

U\_POWER\_2  
POWER\_2.SchDoc

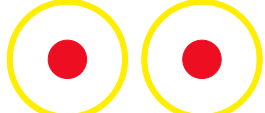
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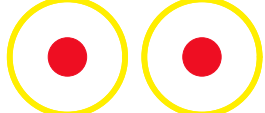
Special notes:



FIDU-DOT - mini PM3 FIDU-DOT - mini PM4

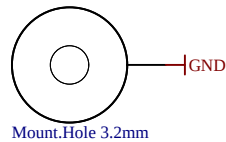
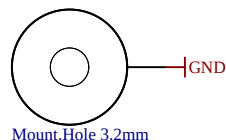
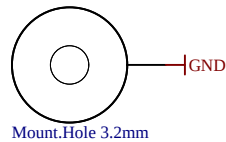
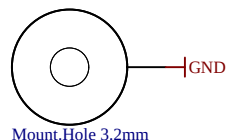


FIDU-DOT - mini PM5 FIDU-DOT - mini PM6



FIDU-DOT - mini FIDU-DOT - mini

Serial  
Serial  
Serialnumber 6,3 x 6.3mm



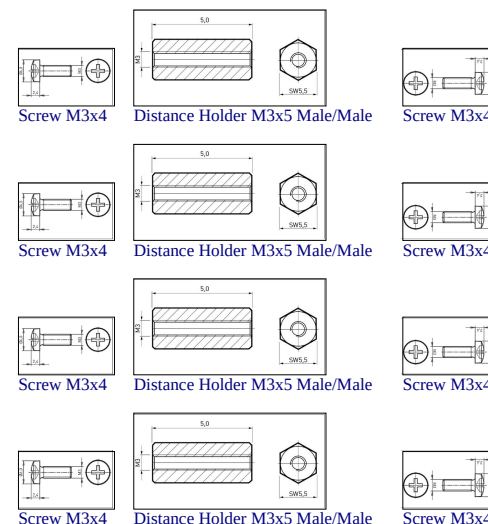
UKCA

UKCA Logo on Top Overlay

UKCA-TOPOVERLAY



|                         |                                  |         |
|-------------------------|----------------------------------|---------|
| Title: AM0010           |                                  |         |
| A4                      | Number: AM0010<br>5DI21MA        | Rev. 02 |
| Date: 04.08.2022        | Copyright: Trenz Electronic GmbH |         |
| Page 2 of 30            |                                  |         |
| Filename: AM0010.SchDoc |                                  |         |



|                  |            |
|------------------|------------|
| Assembly variant | 5DI21MA    |
| Created by       | VY         |
| Modified by      | VY         |
| Modified at      | 25.11.2022 |
| SVN Revision     | 588        |

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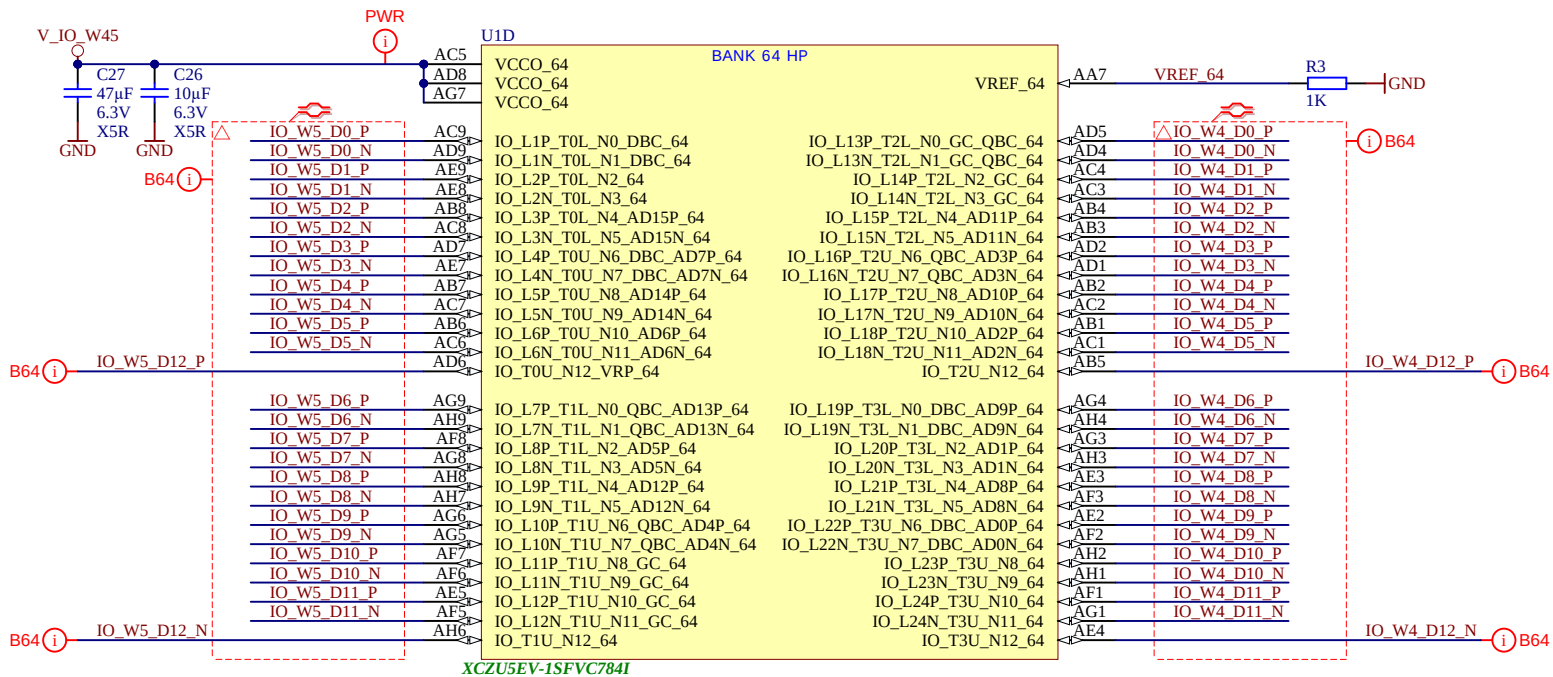




| 1 | 2                                   | 3 | 4 |
|---|-------------------------------------|---|---|
| A | U_B64<br>B64.SchDoc                 |   |   |
|   | U_B65<br>B65.SchDoc                 |   |   |
|   | U_B66<br>B66.SchDoc                 |   |   |
|   | U_B_HD<br>B_HD.SchDoc               |   |   |
|   | U_B_MIO<br>B_MIO.SchDoc             |   |   |
|   | U_PS_DDR<br>PS_DDR.SchDoc           |   |   |
|   | U_B_PS_GT<br>B_PS_GT.SchDoc         |   |   |
|   | U_B_GT<br>B_GT.SchDoc               |   |   |
|   | U_CONFIG<br>CONFIG.SchDoc           |   |   |
|   | U_ZU_POWER<br>ZU_POWER.SchDoc       |   |   |
| B | U_ZU_PS_POWER<br>ZU_PS_POWER.SchDoc |   |   |
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|------------------------|----------------------------------|--------------|
| Title: AM0010 – MPSoC  |                                  |              |
| A4                     | Number: MPSoC<br>5DI21MA         | Rev. 02      |
| Date: 04.08.2022       | Copyright: Trenz Electronic GmbH | Page 5 of 30 |
| Filename: MPSoC.SchDoc |                                  |              |







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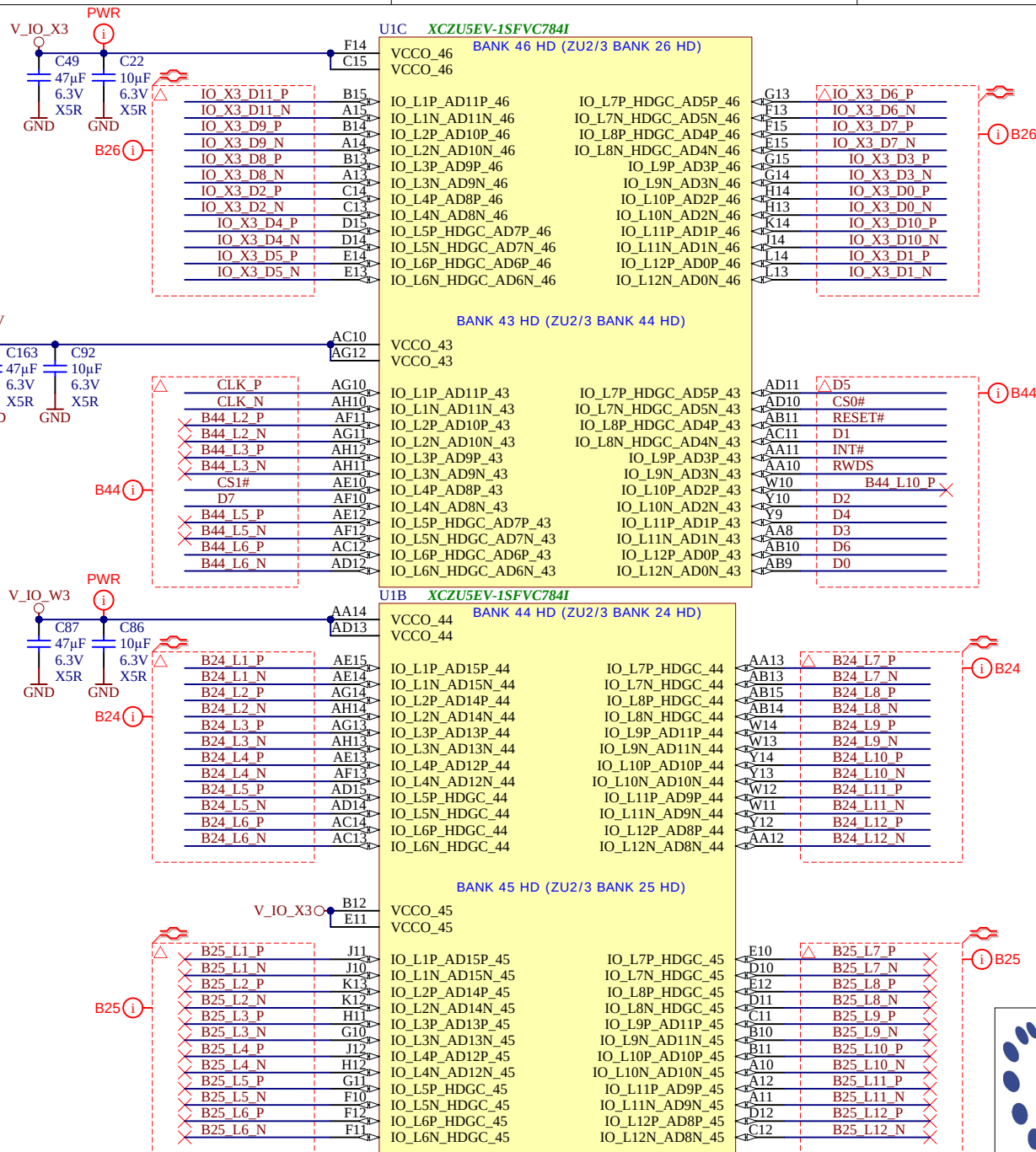
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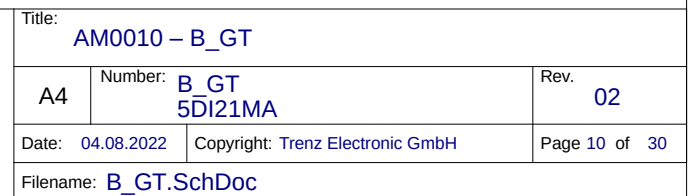
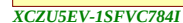
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| Date: 04.08.2022      | Copyright: Trenz Electronic GmbH | Page 9 of 30 |
| Filename: B_HD.SchDoc |                                  |              |

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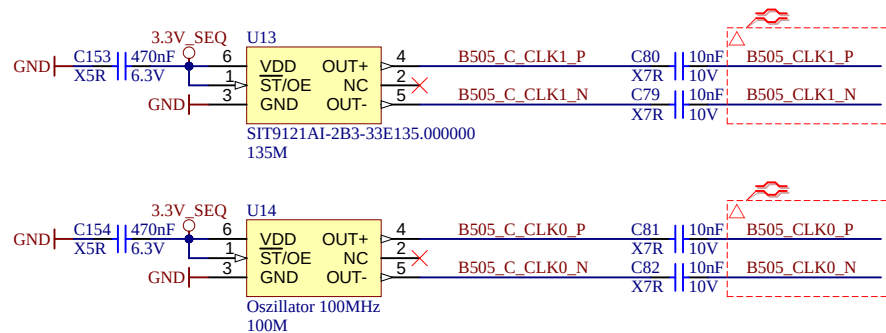
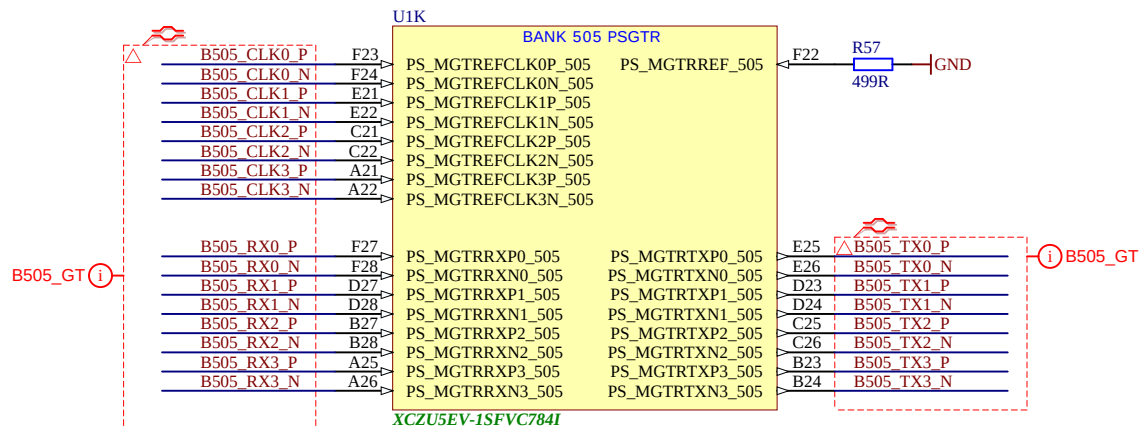
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|--------------------------|----------------------------------|---------------|
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| A4                       | Number: B_PS_GT 5DI21MA          | Rev. 02       |
| Date: 04.08.2022         | Copyright: Trenz Electronic GmbH | Page 12 of 30 |
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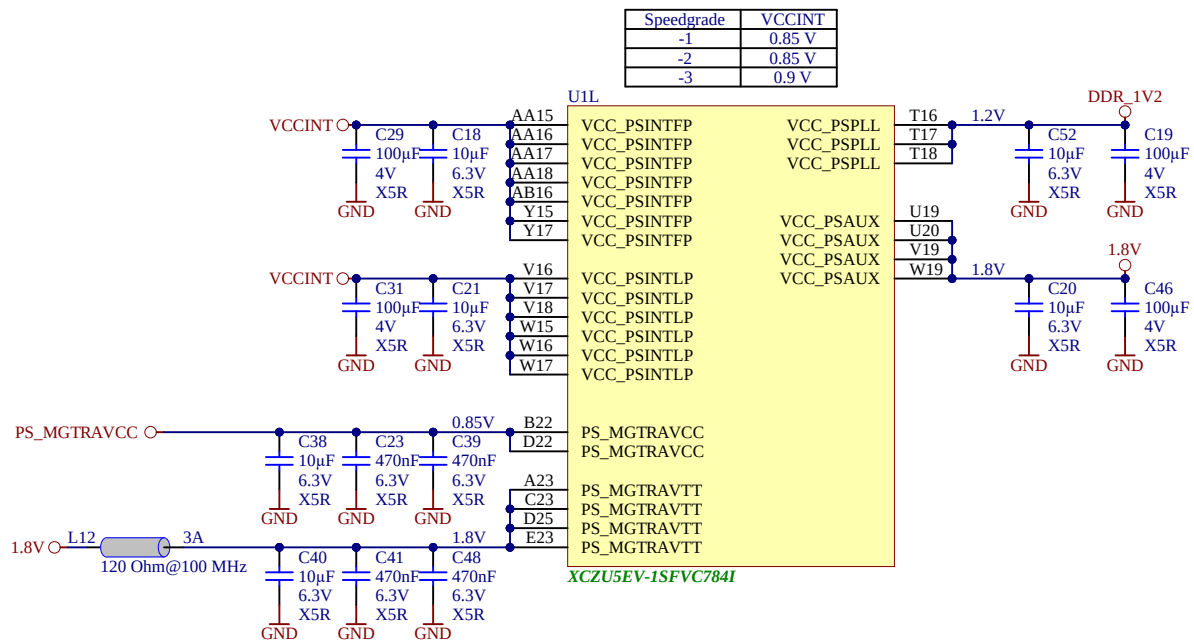
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| Title: AM0010 – ZU_PS_POWER  |                                  |               |
| A4                           | Number: ZU_PS_POWER<br>5DI21MA   | Rev. 02       |
| Date: 04.08.2022             | Copyright: Trenz Electronic GmbH | Page 15 of 30 |
| Filename: ZU_PS_POWER.SchDoc |                                  |               |

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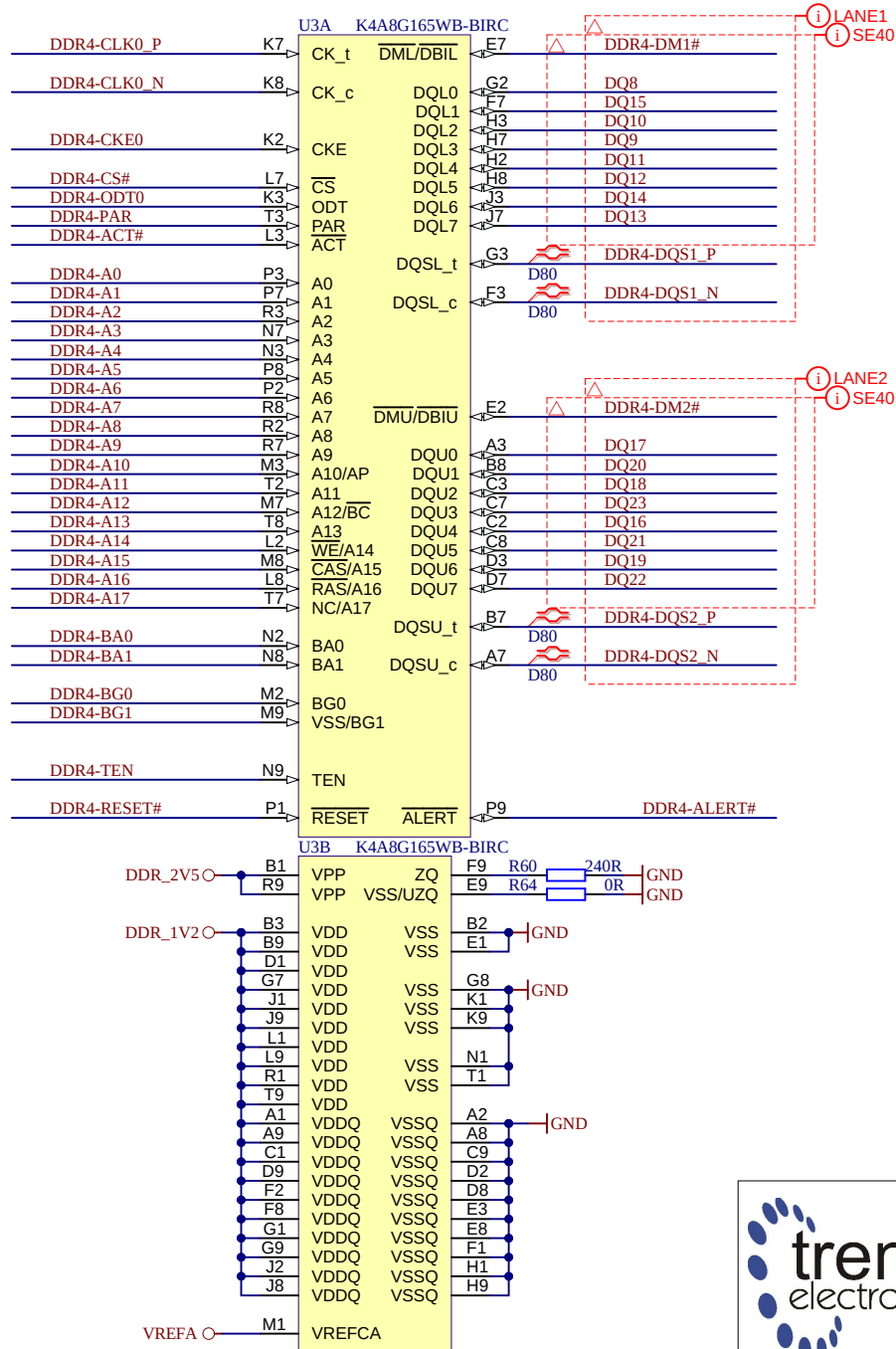
B

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|-----------------------------|----------------------------------|---------------|
| Title: AM0010 – DDR4-RAM_2  |                                  |               |
| A4                          | Number: DDR4-RAM_2<br>5DI21MA    | Rev. 02       |
| Date: 04.08.2022            | Copyright: Trenz Electronic GmbH | Page 18 of 30 |
| Filename: DDR4-RAM_2.SchDoc |                                  |               |

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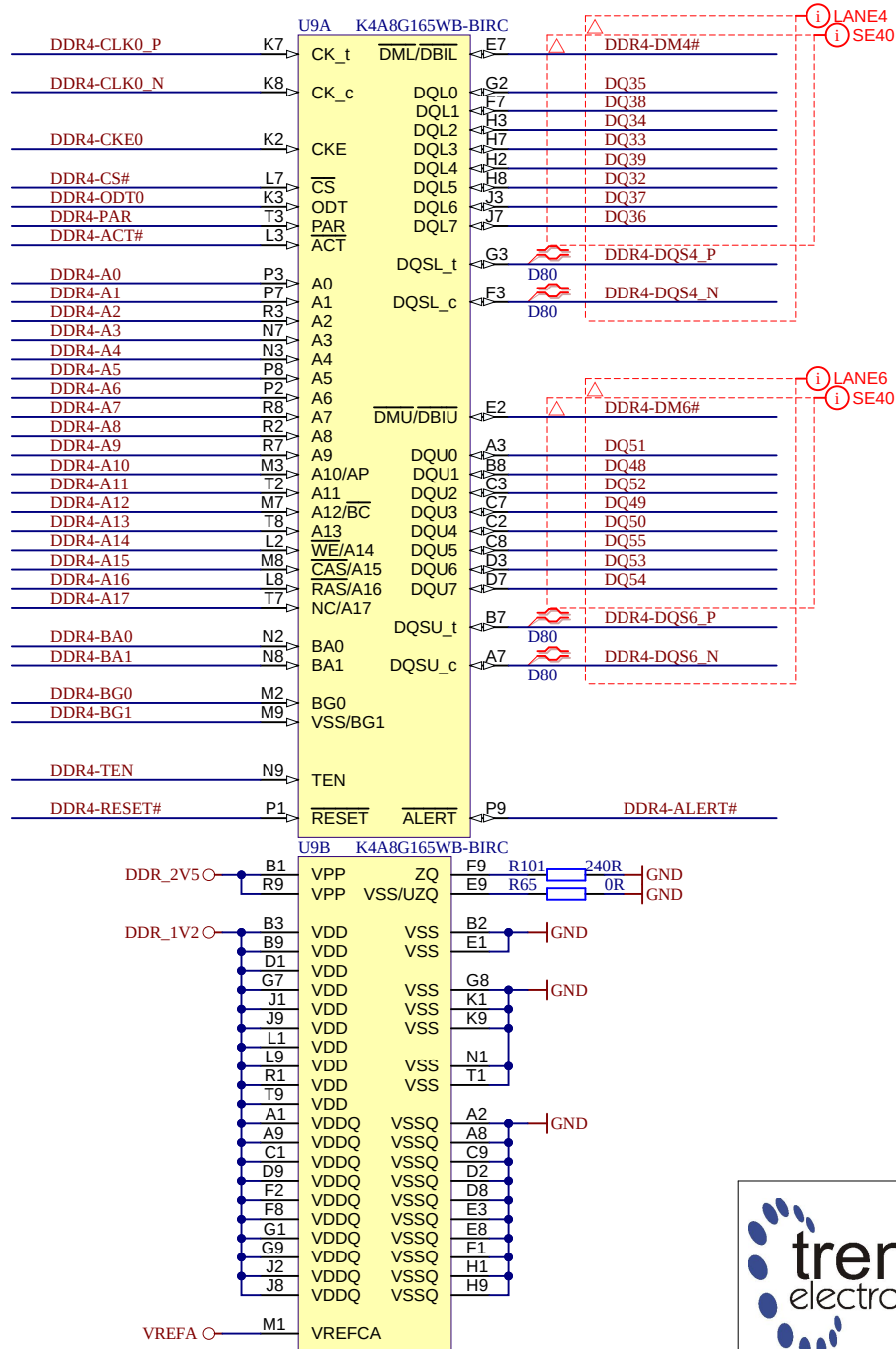
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| A4                          | Number: DDR4-RAM_3<br>5DI21MA    |  | Rev. 02       |
| Date: 04.08.2022            | Copyright: Trenz Electronic GmbH |  | Page 19 of 30 |
| Filename: DDR4-RAM_3.SchDoc |                                  |  |               |

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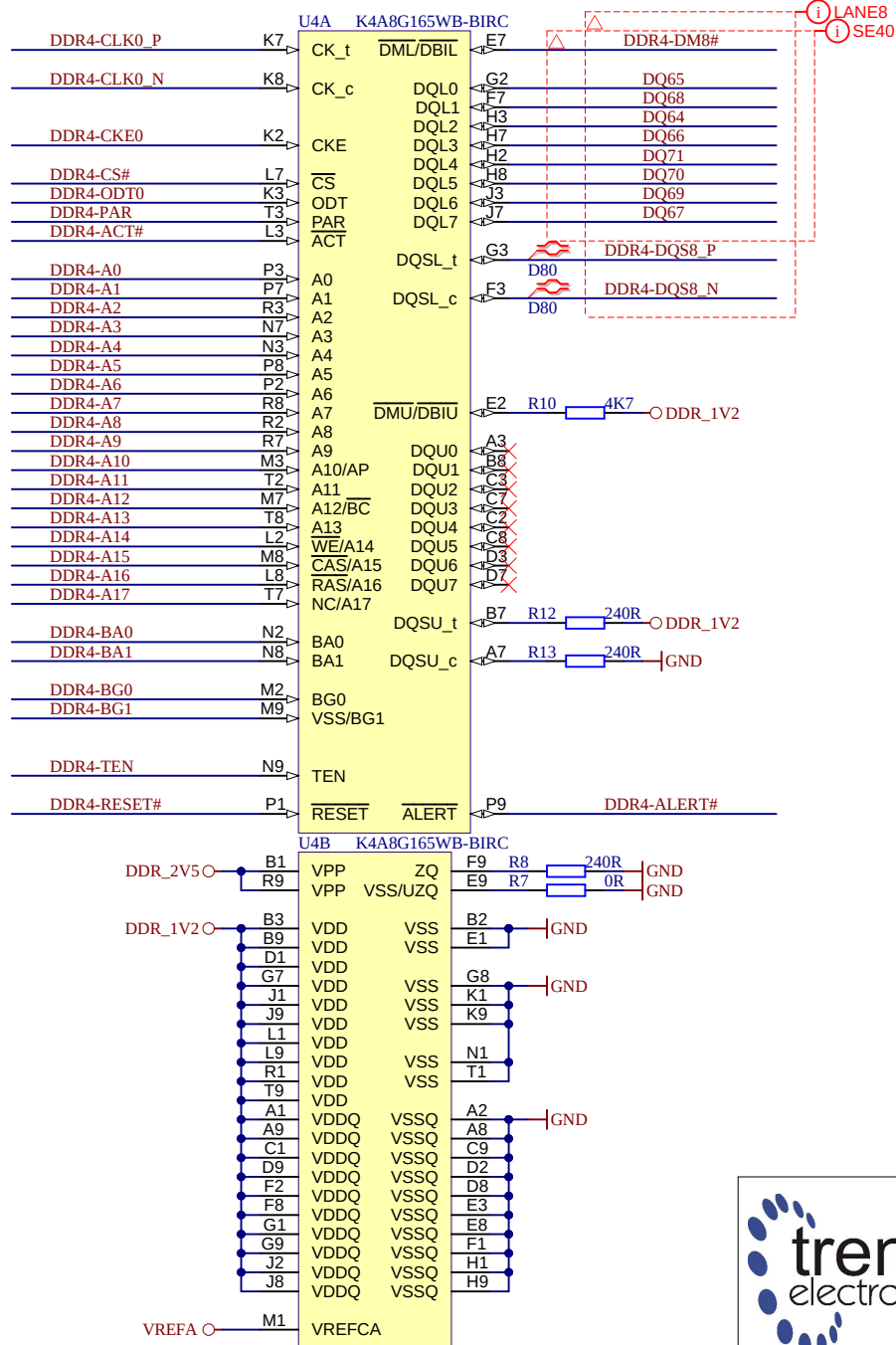
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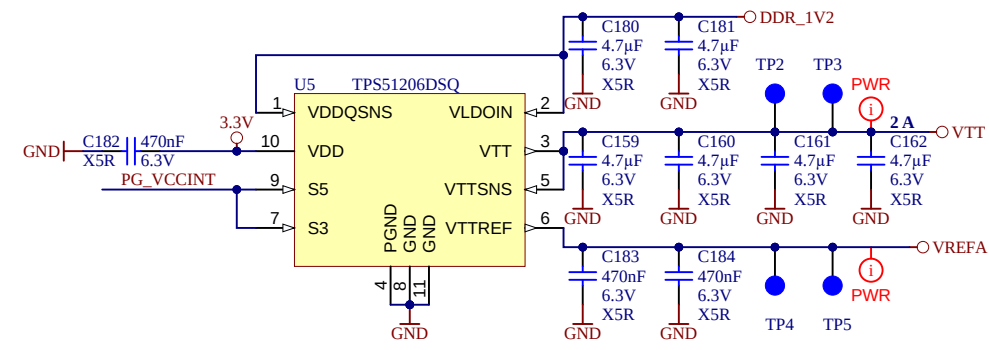
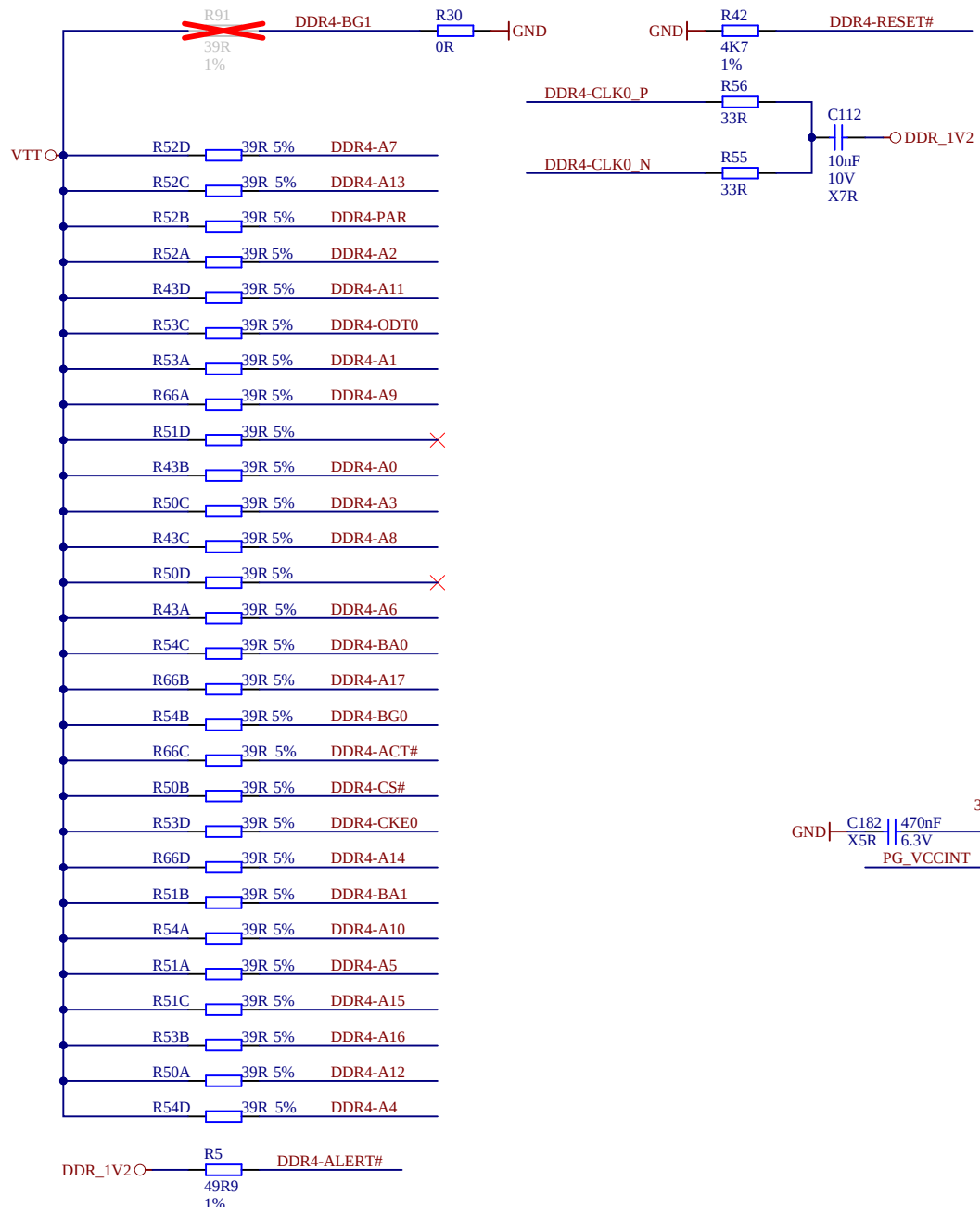
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| Date: 04.08.2022            | Copyright: Trenz Electronic GmbH | Page 21 of 30 |
| Filename: DDR4-RAM_5.SchDoc |                                  |               |

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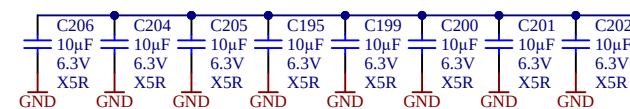
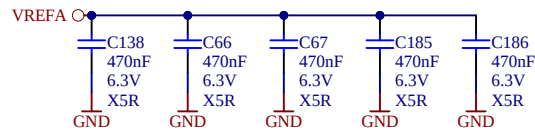
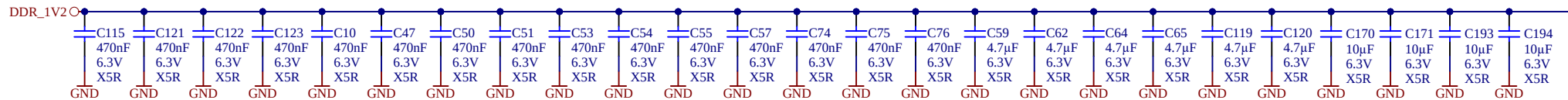
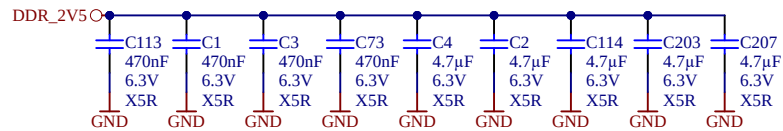
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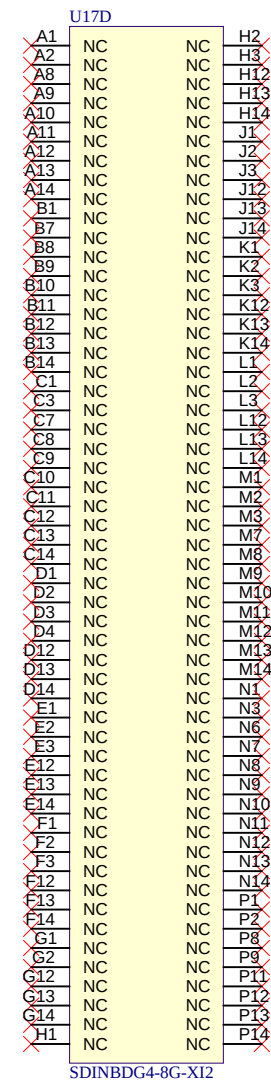




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| Title: AM0010 – DDR4-TERM  |                                  |               |
| A4                         | Number: DDR4-TERM 5DI21MA        | Rev. 02       |
| Date: 04.08.2022           | Copyright: Trenz Electronic GmbH | Page 22 of 30 |
| Filename: DDR4-TERM.SchDoc |                                  |               |



|                                                                                       |  |                                                                                                                       |                          |
|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------|--------------------------|
|  |  | Title: AM0010 – DDR4-CAPS                                                                                             |                          |
|                                                                                       |  | A4<br>Number: DDR4-CAPS 5DI21MA<br>Date: 04.08.2022<br>Copyright: Trenz Electronic GmbH<br>Filename: DDR4-CAPS.SchDoc | Rev. 02<br>Page 23 of 30 |









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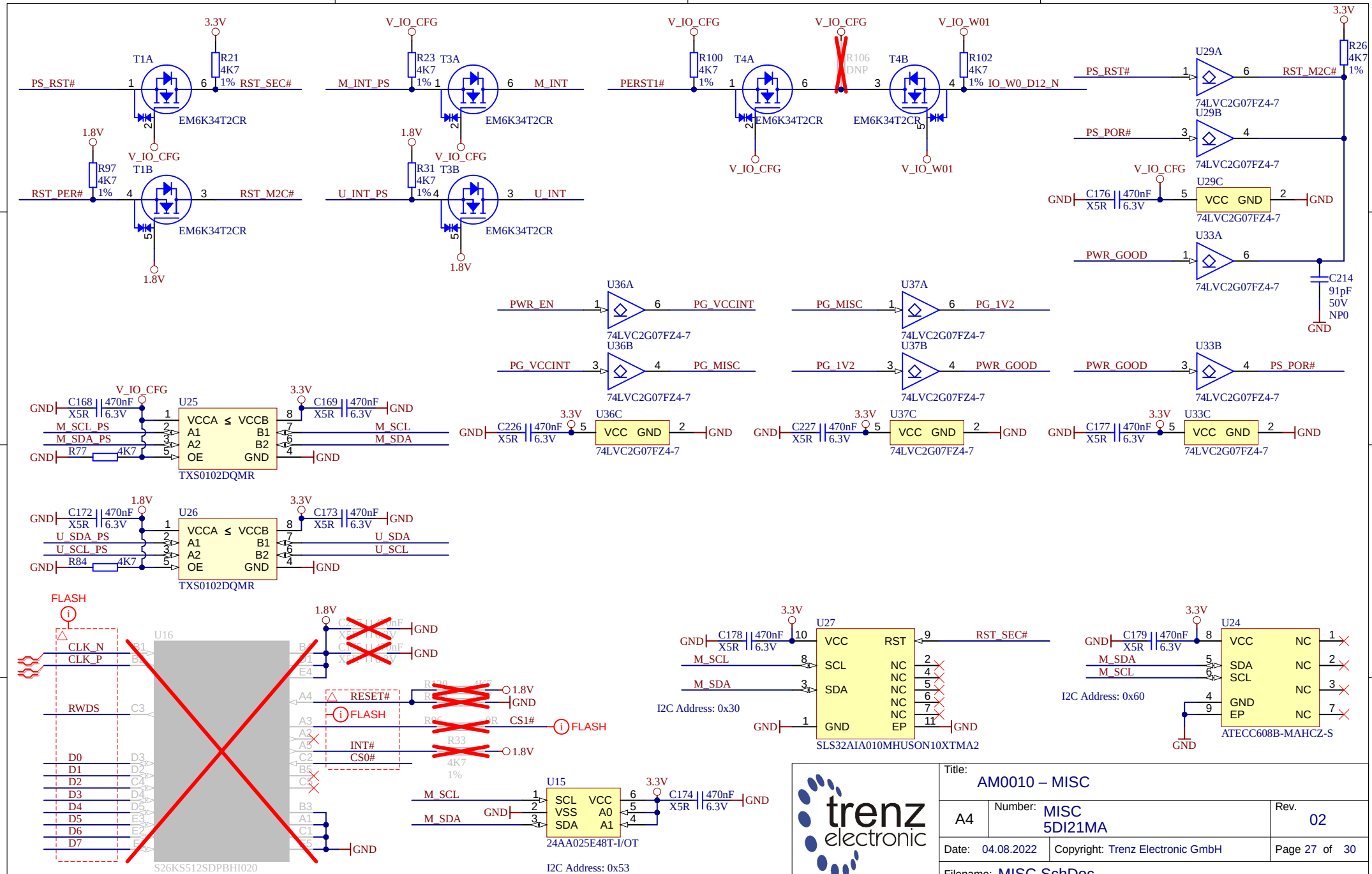
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| Title: AM0010 – MISC  |                                  |               |
| A4                    | Number: MISC 5DI21MA             | Rev. 02       |
| Date: 04.08.2022      | Copyright: Trenz Electronic GmbH | Page 27 of 30 |
| Filename: MISC.SchDoc |                                  |               |

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