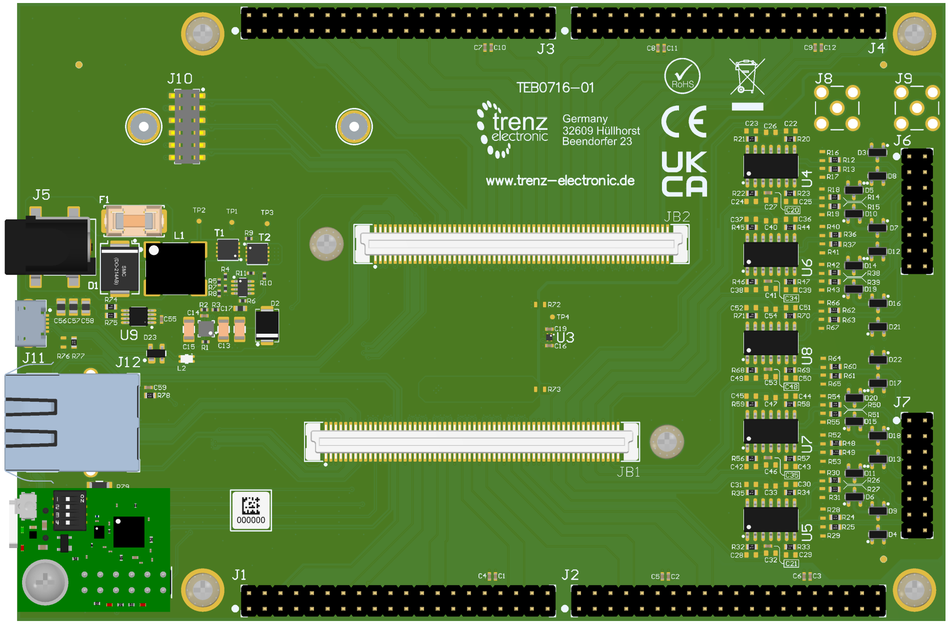
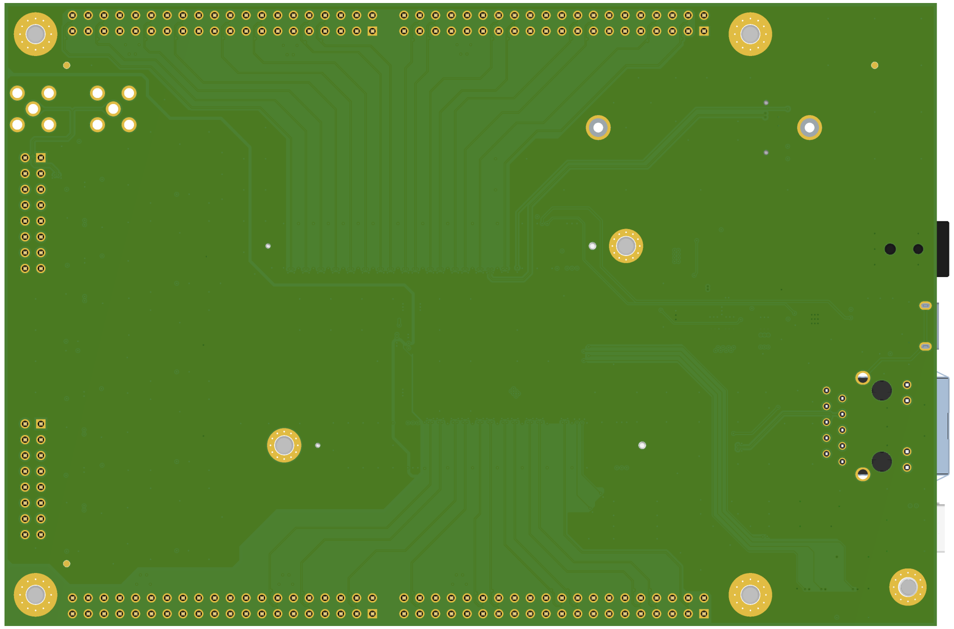
Top View



Bottom View



Regarding the usage of our schematics and alike documentation for Trenz baseboard TEB0716.

Baseboard is Open Source Hardware and therefore free to use, adapt and can be modified to suit your needs as described in the "The MIT License".

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Drawn by	LH
Checked by	IG
Assembly variant	A
Created by	LH
Modified by	LH
Modified at	17.02.2025

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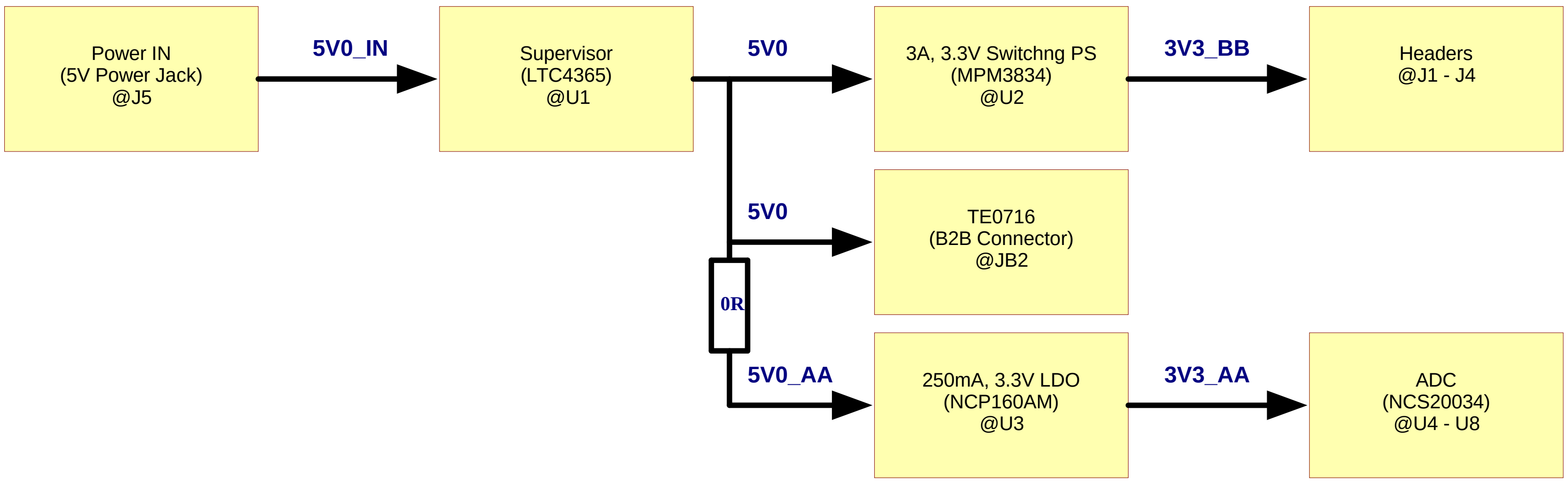
Title: TEB0716 - Legal Notices

A4	Number: TEB0716 A	Rev. 01
Date: 17.01.2025	Copyright: Trenz Electronic GmbH	Page 1 of 13

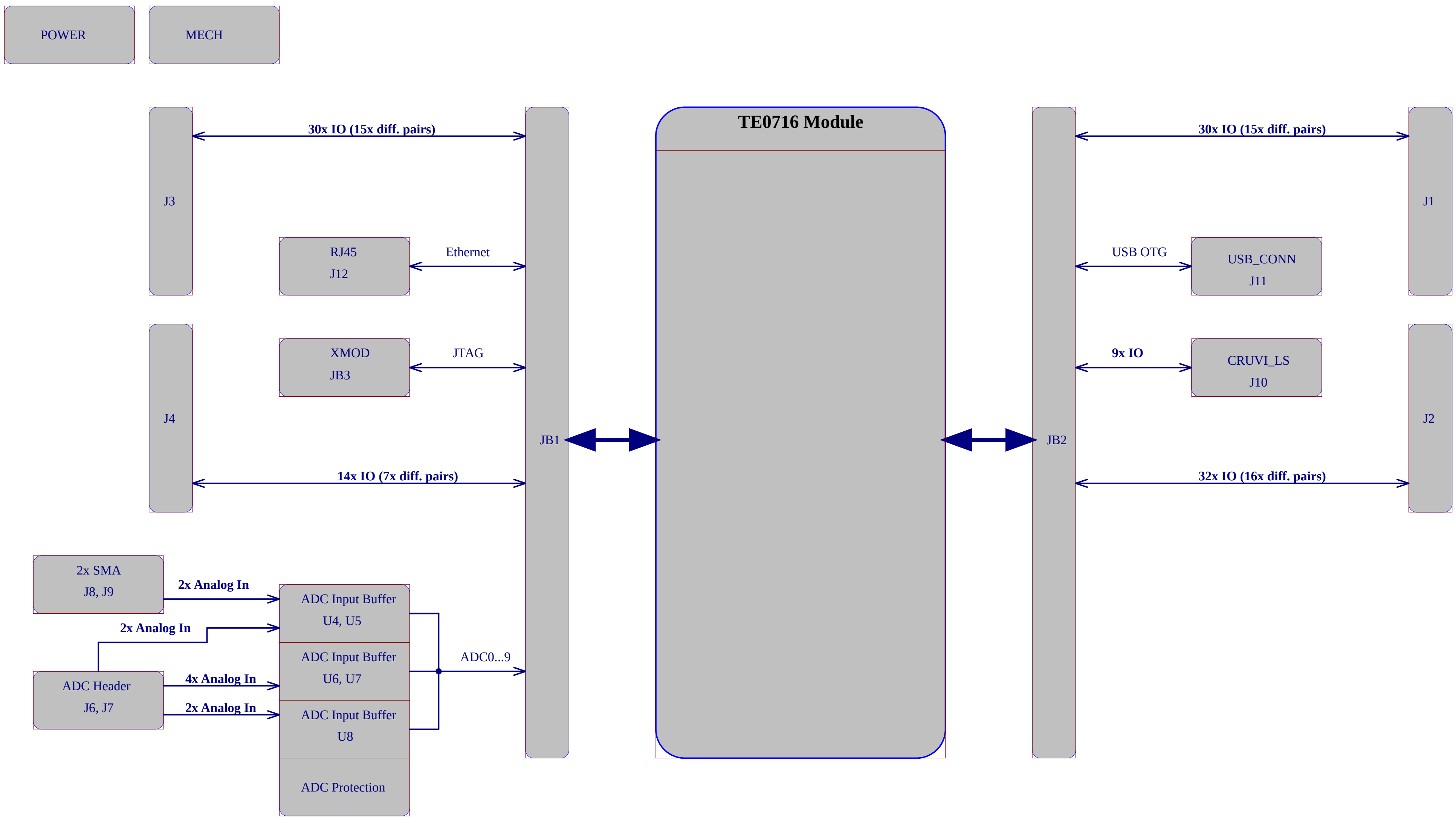
Filename: Legal Notices.SchDoc

REV	Description	
-01	Initial revision	LH

Title: TEB0716 - Revision History			
A4	Number: TEB0716 A		Rev. 01
Date: 17.01.2025	Copyright: Trenz Electronic GmbH		Page 2 of 13
Drawn by: LH	Filename: Revision Changes.SchDoc		

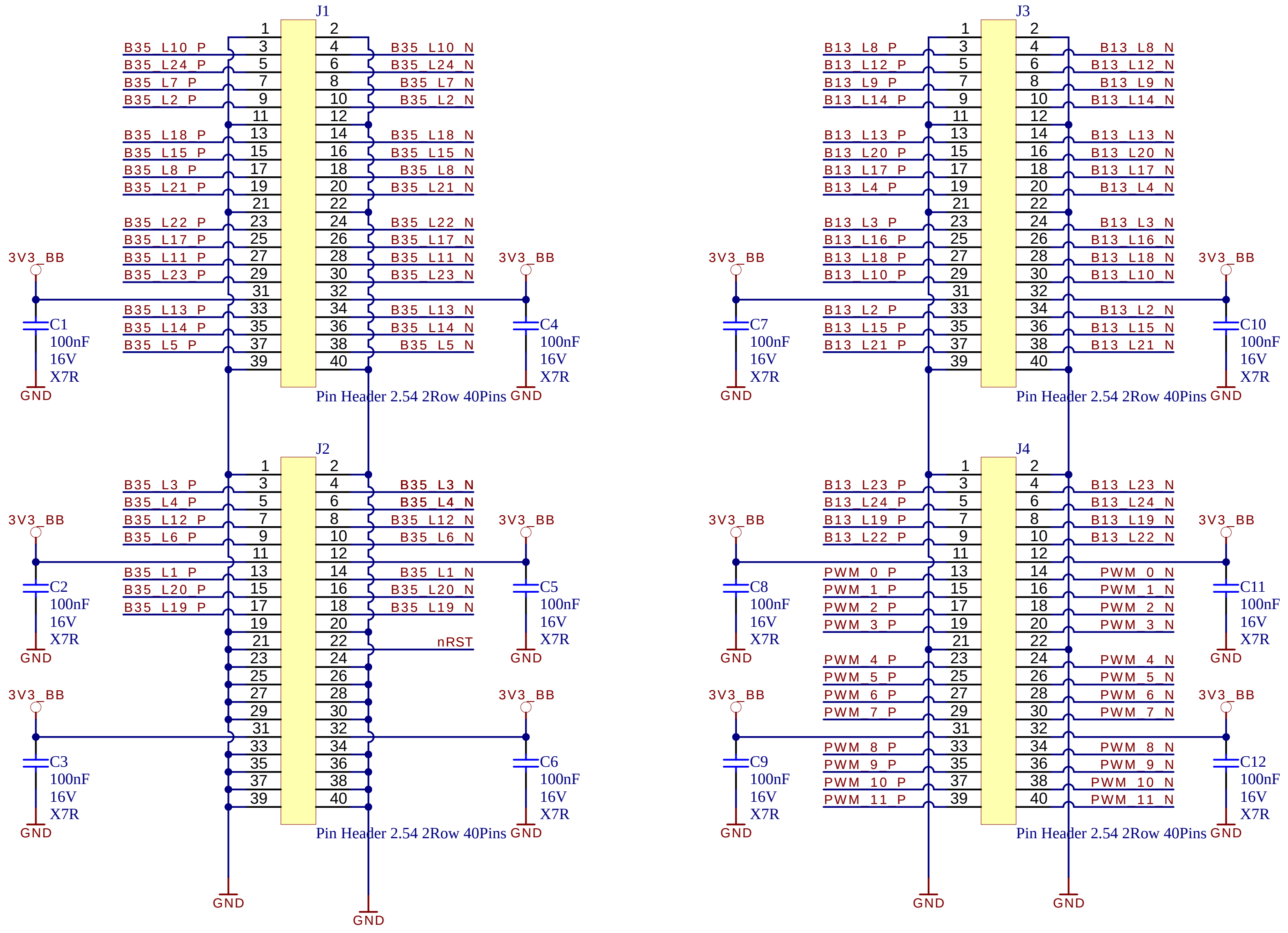


Title: TEB0716 – PowerOverview		
A4	Number: TEB0716 A	Rev. 01
Date: 27.11.2025	Copyright: Trenz Electronic GmbH	Page 3 of 13
Filename: PowerOverview.SchDoc		



Title: TEB0716 Main		
A4	Number: TEB0716 A	Rev. 01
Date: 27.11.2025	Copyright: Trenz Electronic GmbH	Page 4 of 13
Filename: TEB0716_Overview.schdoc		

Title:	TEB0716 – B2B_CONNECTORS		
A4	Number: TEB0716 A		Rev. 01
Date: 27.11.2025	Copyright: Trenz Electronic GmbH		Page 5 of 13
Filename: B2B_Connectors.SchDoc			



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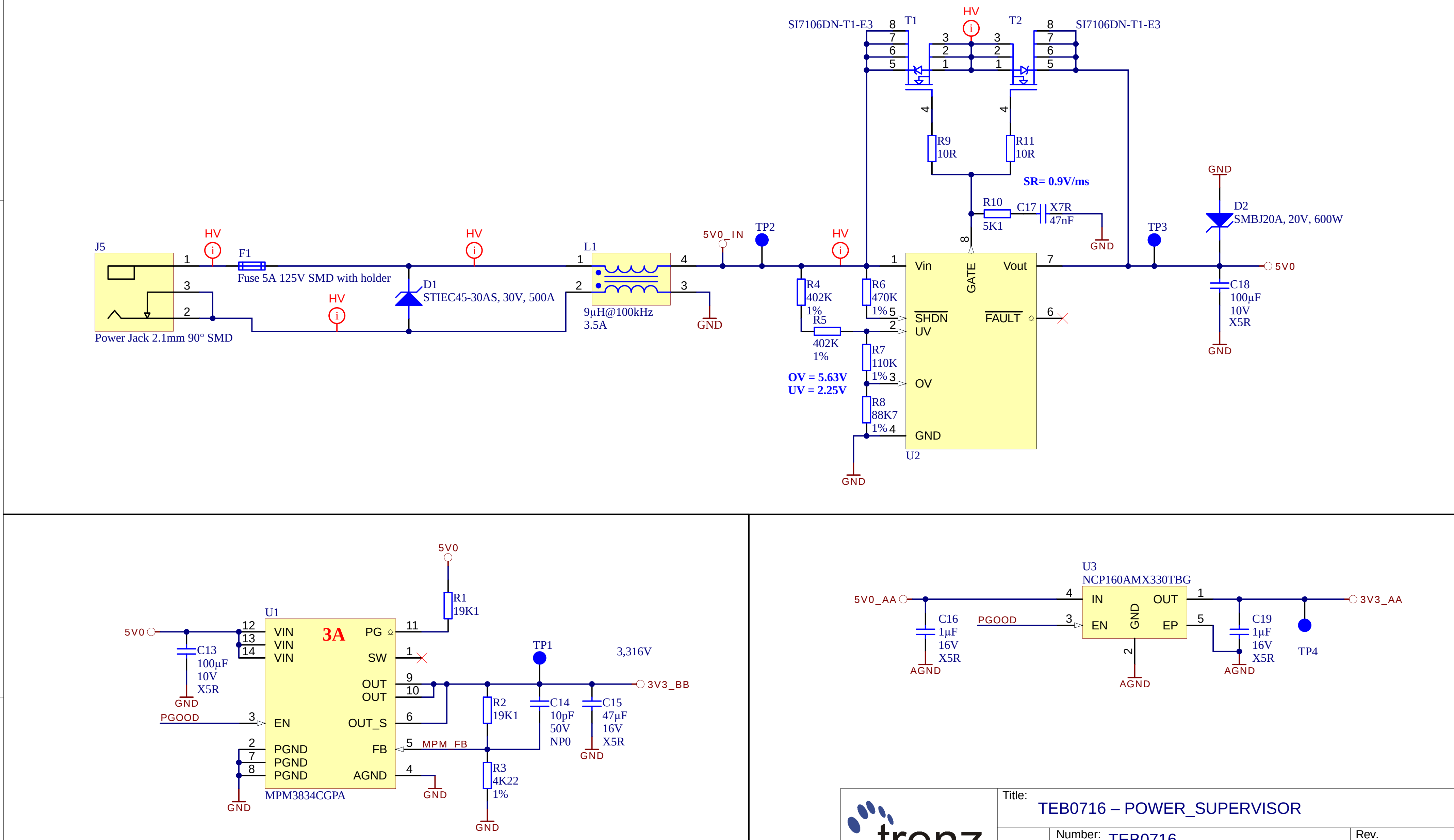
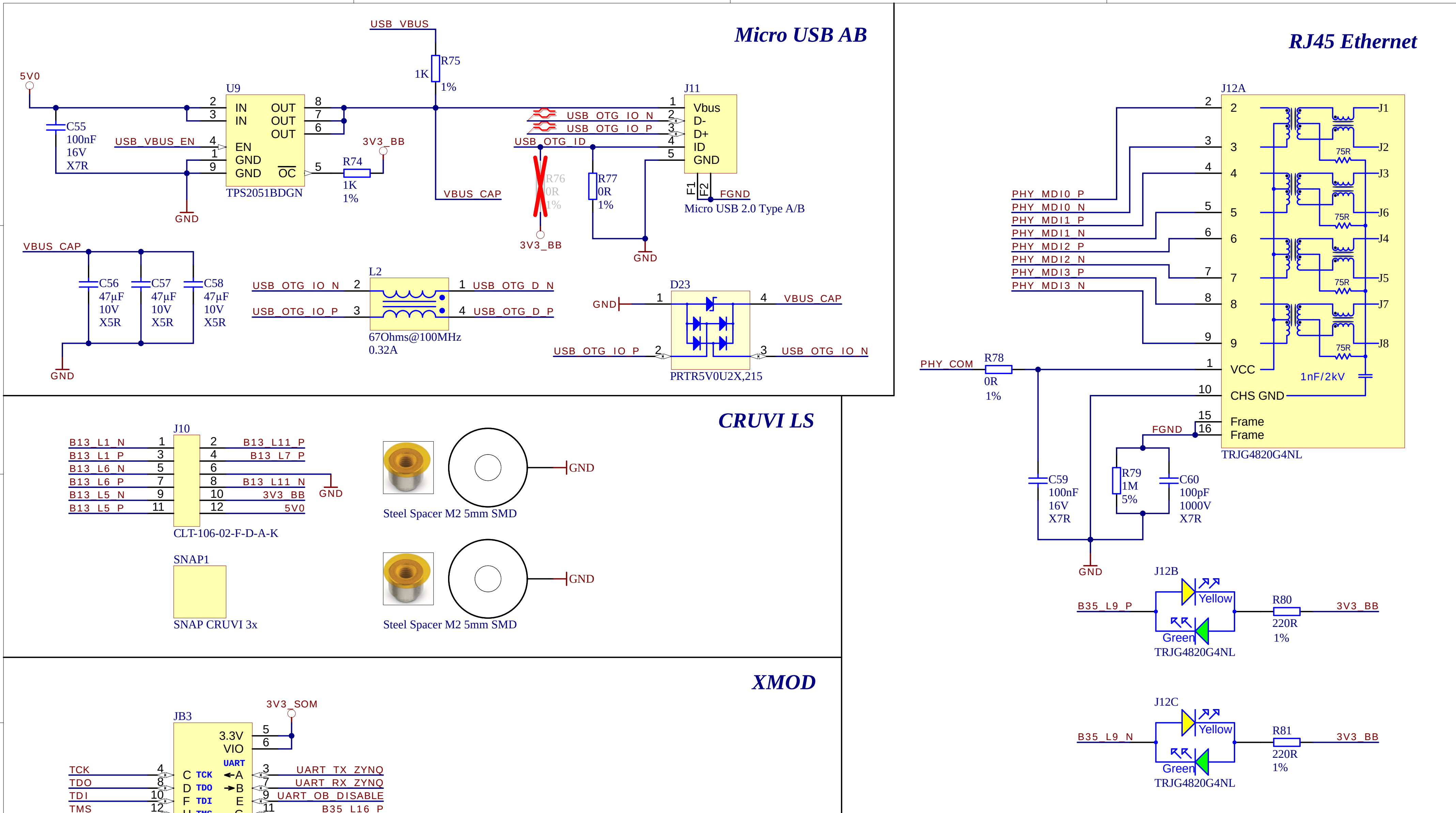
A4	Number: TEB0716 A	Rev. 01
Date: 27.11.2025	Copyright: Trenz Electronic GmbH	Page 6 of 13
Filename: PIN_HEADERS.SchDoc		



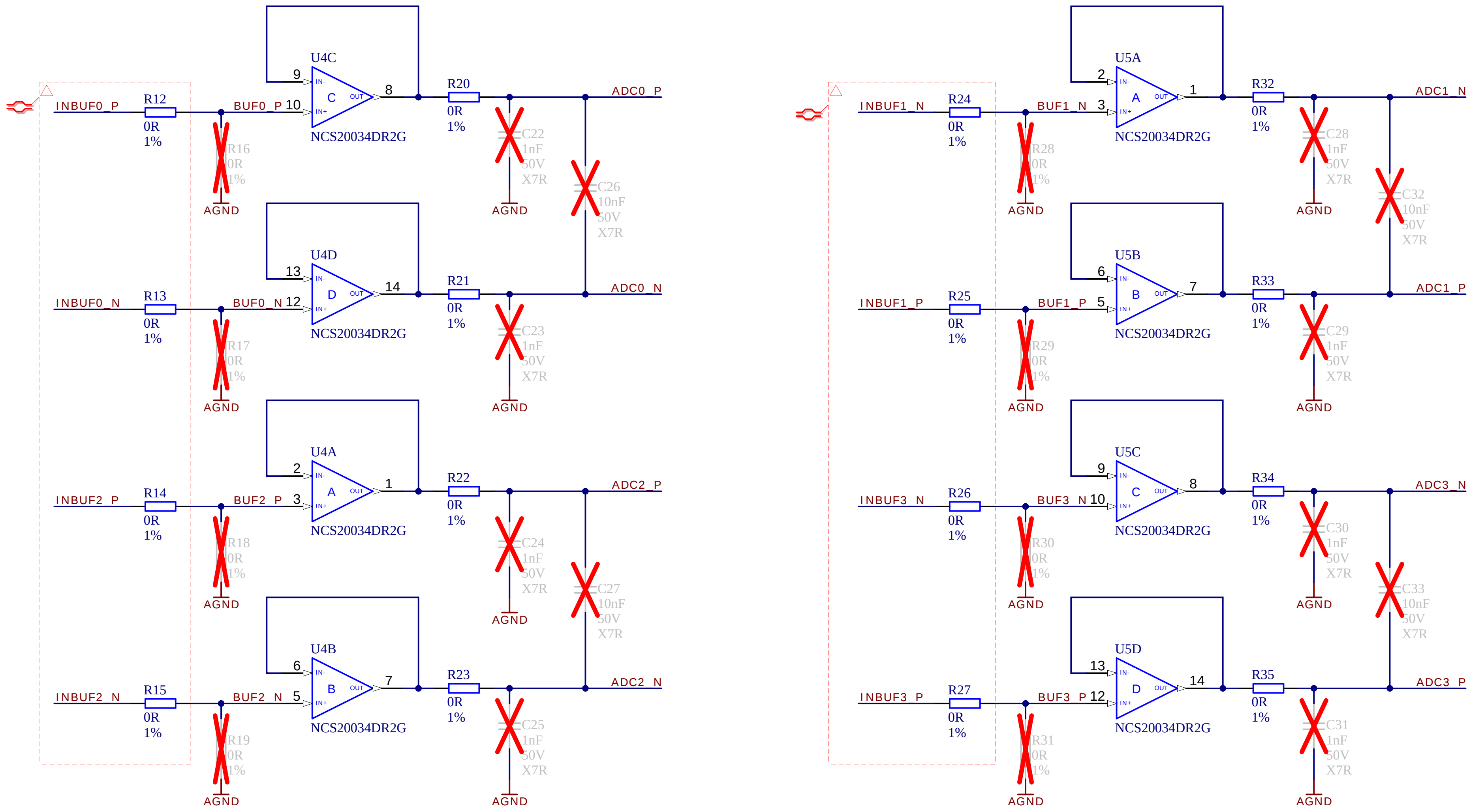
Title: TEB0716 – POWER_SUPERVISOR			
A4	Number: TEB0716 A		Rev. 01
Date: 10.12.2025	Copyright: Trenz Electronic GmbH		Page 7 of 13
Filename: POWER.SchDoc			

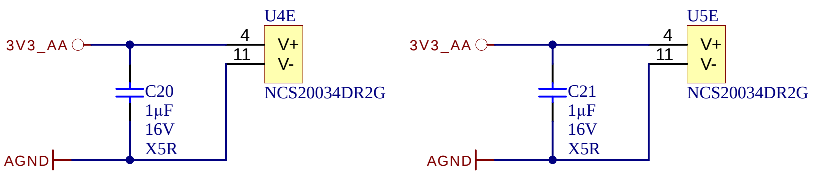


Title: TEB0716 - Front_Ports

A4	Number: TEB0716 A	Rev. 01
Date: 27.11.2025	Copyright: Trenz Electronic GmbH	Page 8 of 13

Filename: FRONT_PORTS.SchDoc





Title: TEB0716 - ADC_INBUF1			
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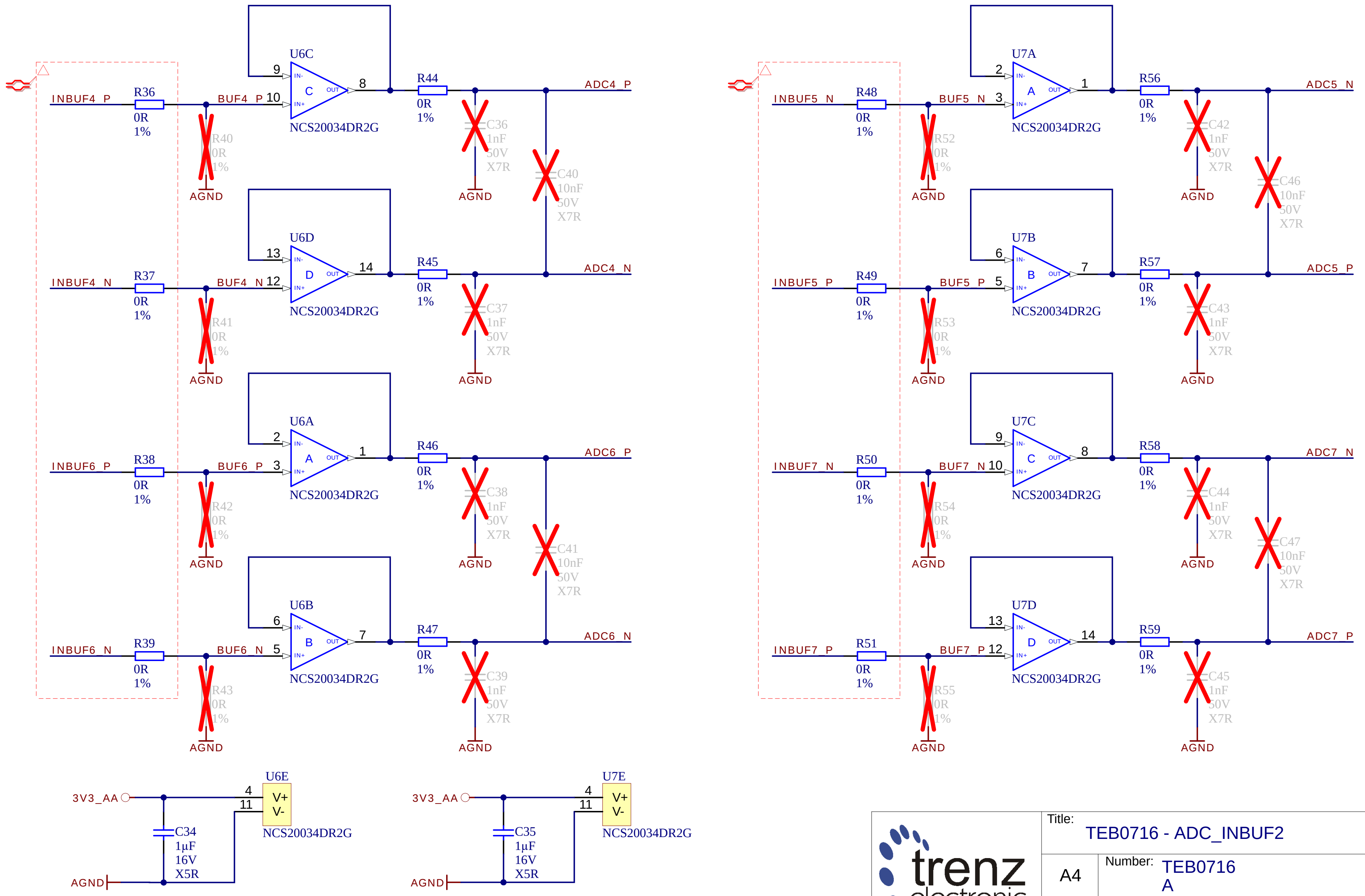
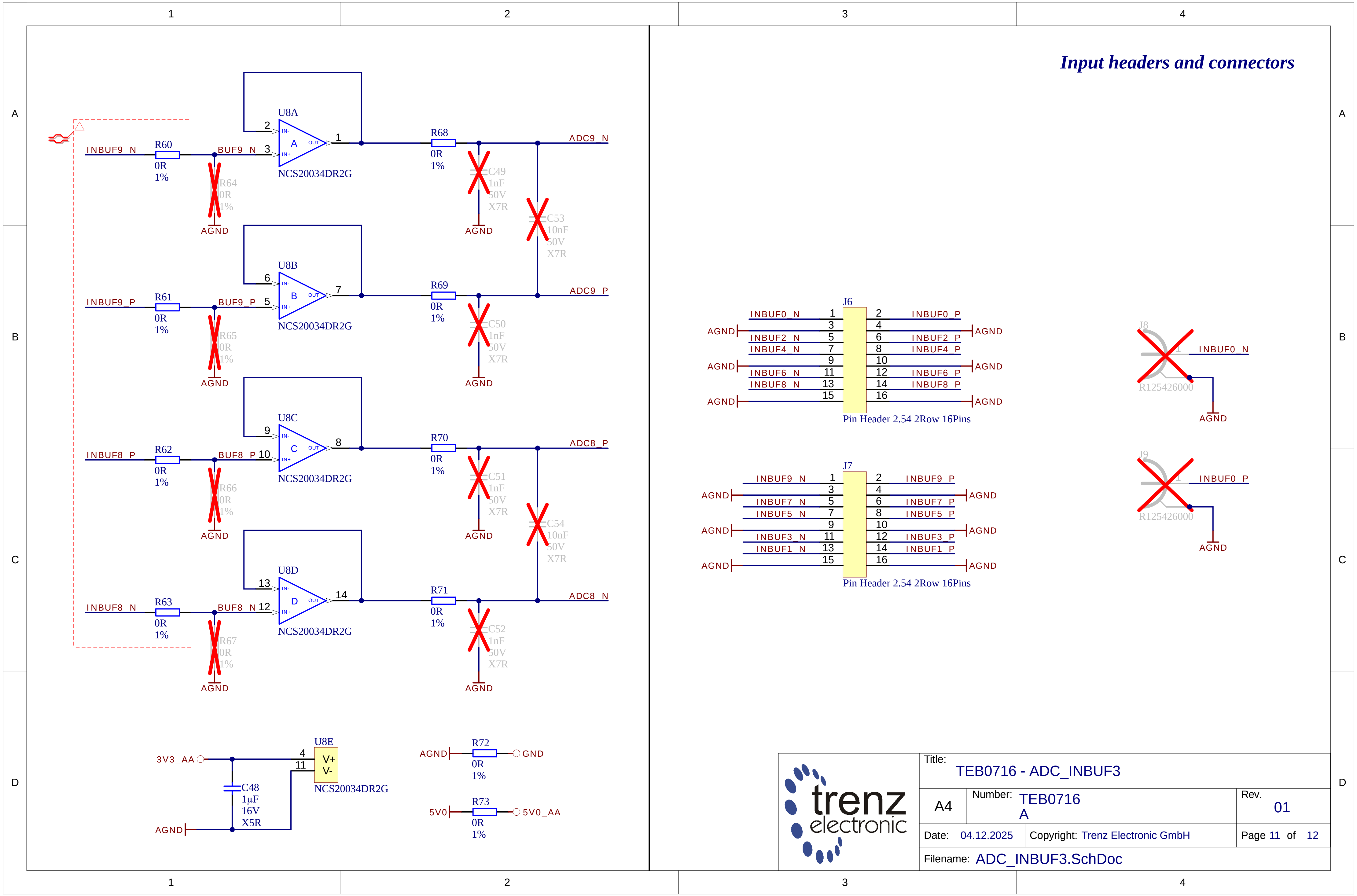
Date: 27.11.2025	Copyright: Trenz Electronic GmbH		Page 9 of 13
Filename: ADC_INBUF1.SchDoc			



Title:	TEB0716 - ADC_INBUF2		
A4	Number: TEB0716 A		Rev. 01
Date: 27.11.2025	Copyright: Trenz Electronic GmbH		Page 10 of 13
Filename: ADC_INBUF2.SchDoc			


Input headers and connectors
U8A
NCS20034DR2G
U8B
NCS20034DR2G
U8C
NCS20034DR2G
U8D
NCS20034DR2G
U8E
NCS20034DR2G
INBUF9_N
INBUF9_P
INBUF8_P
INBUF8_N
BUF9_N
BUF9_P
BUF8_P
BUF8_N
R60 0R 1%
R61 0R 1%
R62 0R 1%
R63 0R 1%
R64 0R 1%
R65 0R 1%
R66 0R 1%
R67 0R 1%
R68 0R 1%
R69 0R 1%
R70 0R 1%
R71 0R 1%
R72 0R 1%
R73 0R 1%
C49 1nF 50V X7R
C50 1nF 50V X7R
C51 1nF 50V X7R
C52 1nF 50V X7R
C53 10nF 50V X7R
C54 10nF 50V X7R
C48 1µF 16V X5R
ADC9_N
ADC9_P
ADC8_P
ADC8_N
AGND
3V3_AA
GND
5V0
5V0_AA
V+
V-
J6
Pin Header 2.54 2Row 16Pins
J7
Pin Header 2.54 2Row 16Pins
INBUF0_N
INBUF0_P
INBUF2_N
INBUF2_P
INBUF4_N
INBUF4_P
INBUF6_N
INBUF6_P
INBUF8_N
INBUF8_P
INBUF9_N
INBUF9_P
INBUF7_N
INBUF7_P
INBUF5_N
INBUF5_P
INBUF3_N
INBUF3_P
INBUF1_N
INBUF1_P
J8
R125426000
J9
R125426000
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Title: TEB0716 - ADC_INBUF3
A4
Number: TEB0716 A
Rev. 01
Date: 04.12.2025
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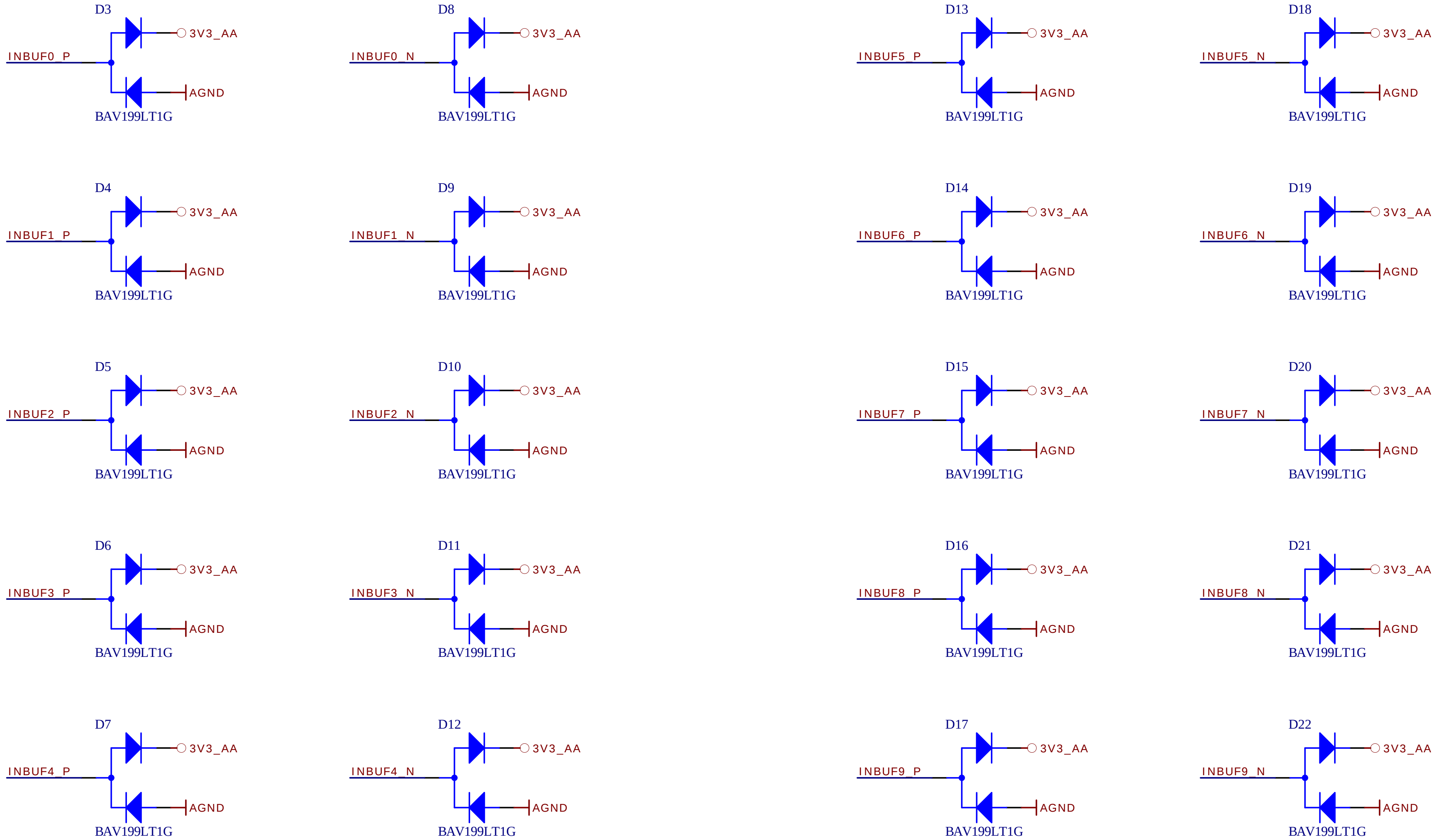
Filename: ADC_INBUF3.SchDoc



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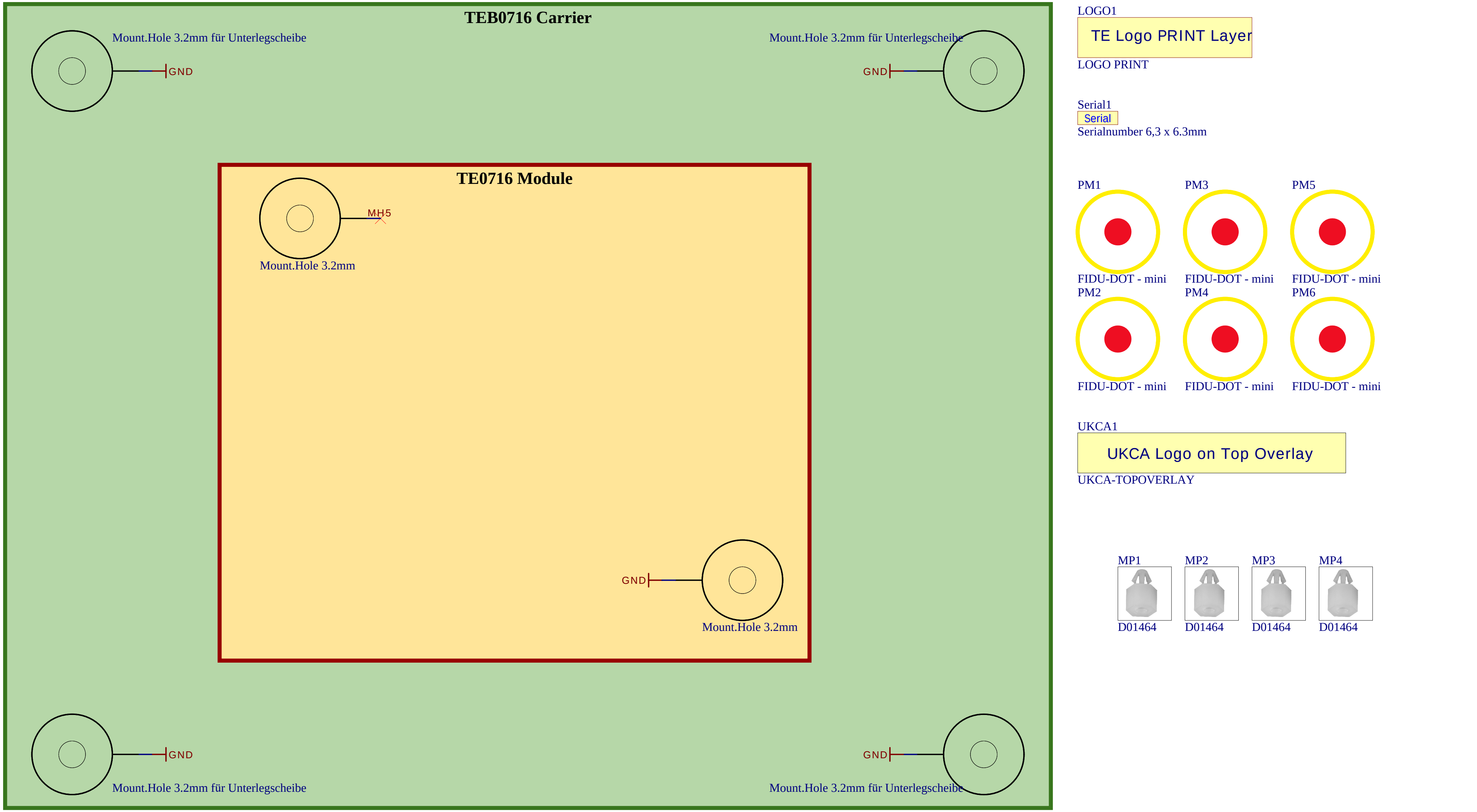
Title: TEB0716 - ADC_PROTECTION		
A4	Number: TEB0716 A	Rev. 01
Date: 27.11.2025	Copyright: Trenz Electronic GmbH	Page 12 of 13
Filename: ADC_PROTECTION.SchDoc		



Title: TEB0716 - MECH			
A4	Number: TEB0716 A		Rev. 01
Date: 27.11.2025	Copyright: Trenz Electronic GmbH		Page 13 of 13
Filename: MECH.schdoc			