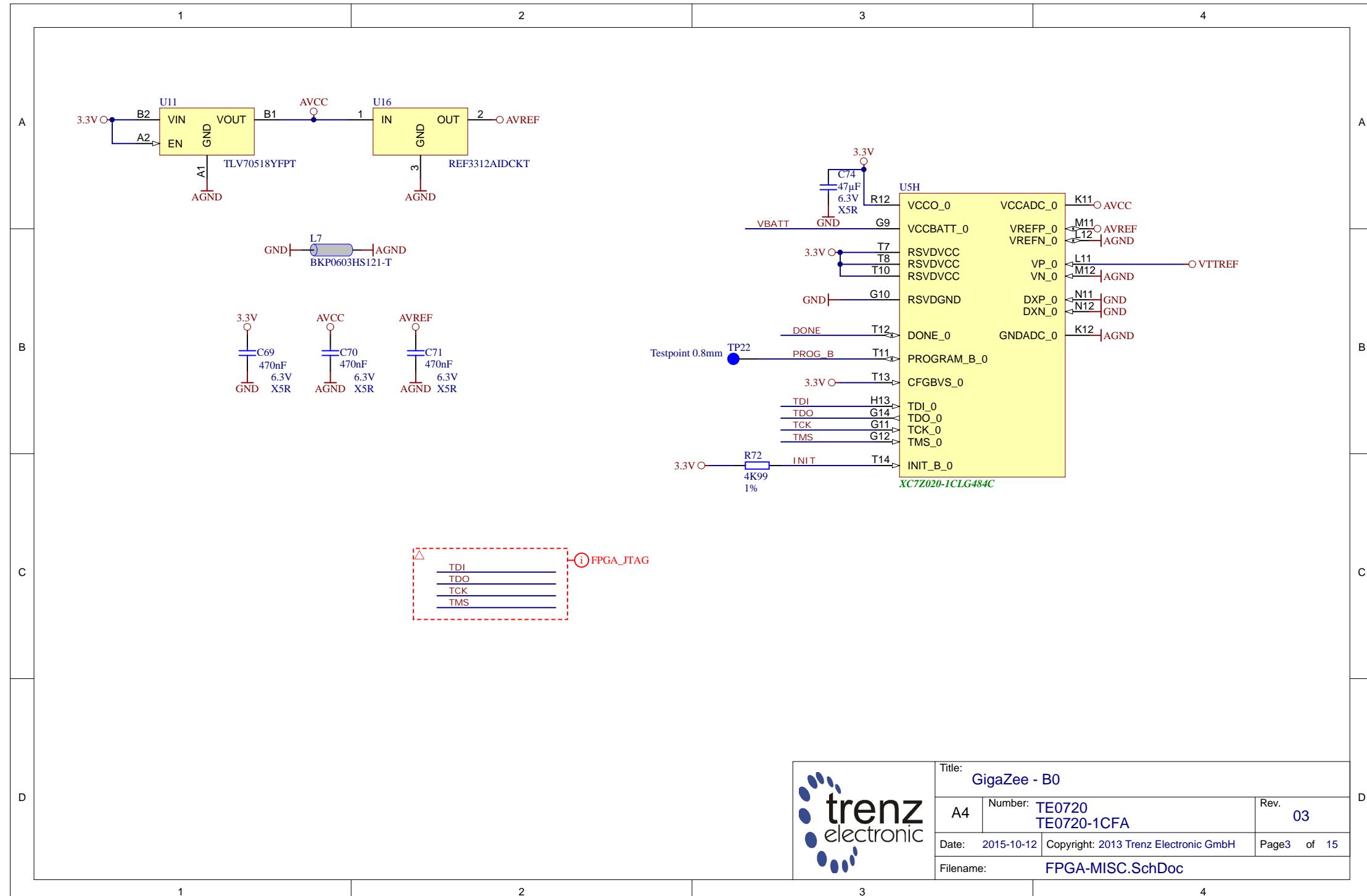
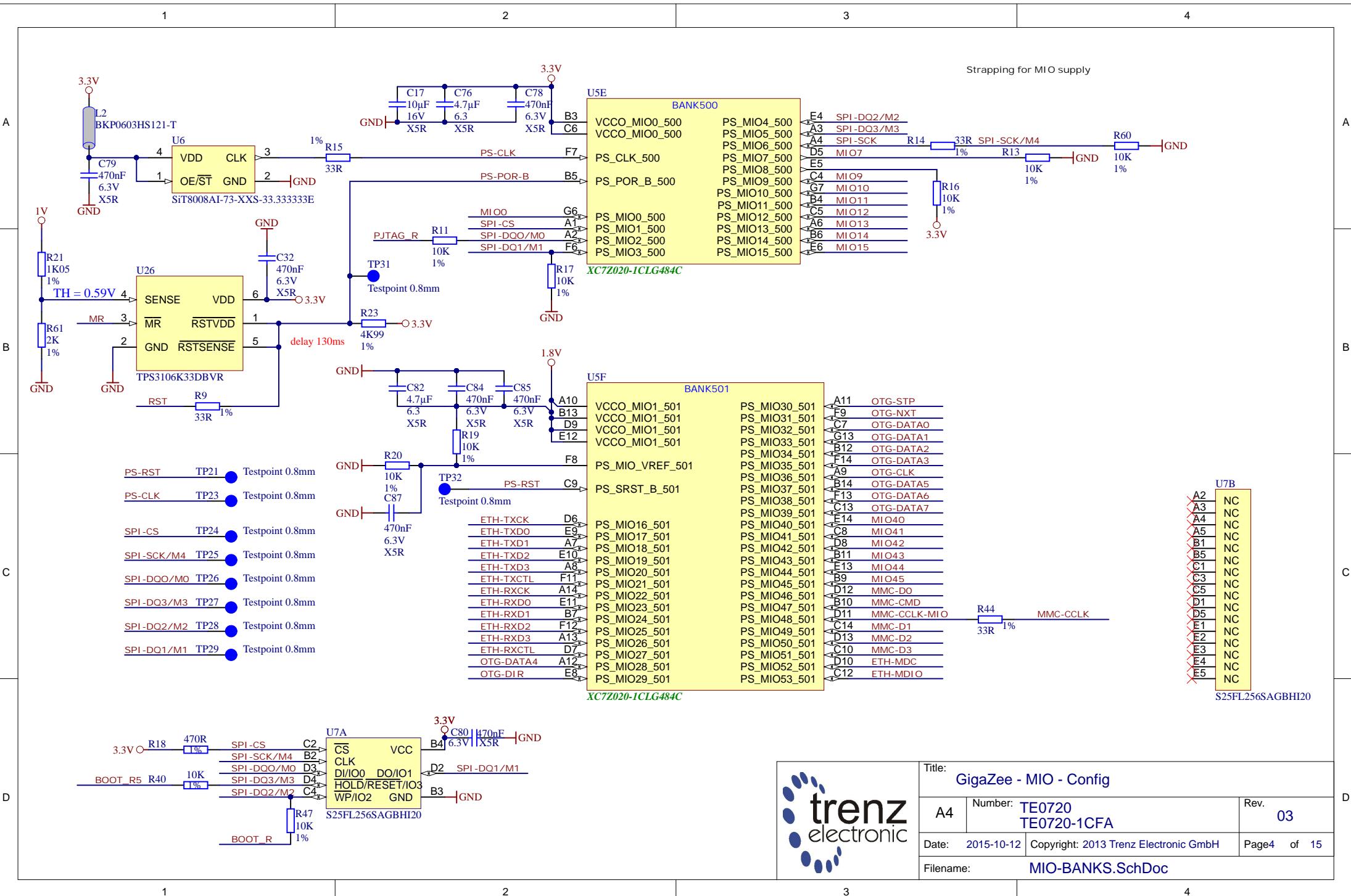
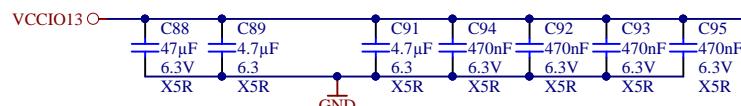


Title: GigaZee - FPGA Power		
A4	Number: TE0720 TE0720-1CFA	Rev. 03
Date: 2015-10-12	Copyright: 2013 Trenz Electronic GmbH	Page 2 of 15
Filename: FPGA-PWR.SchDoc		

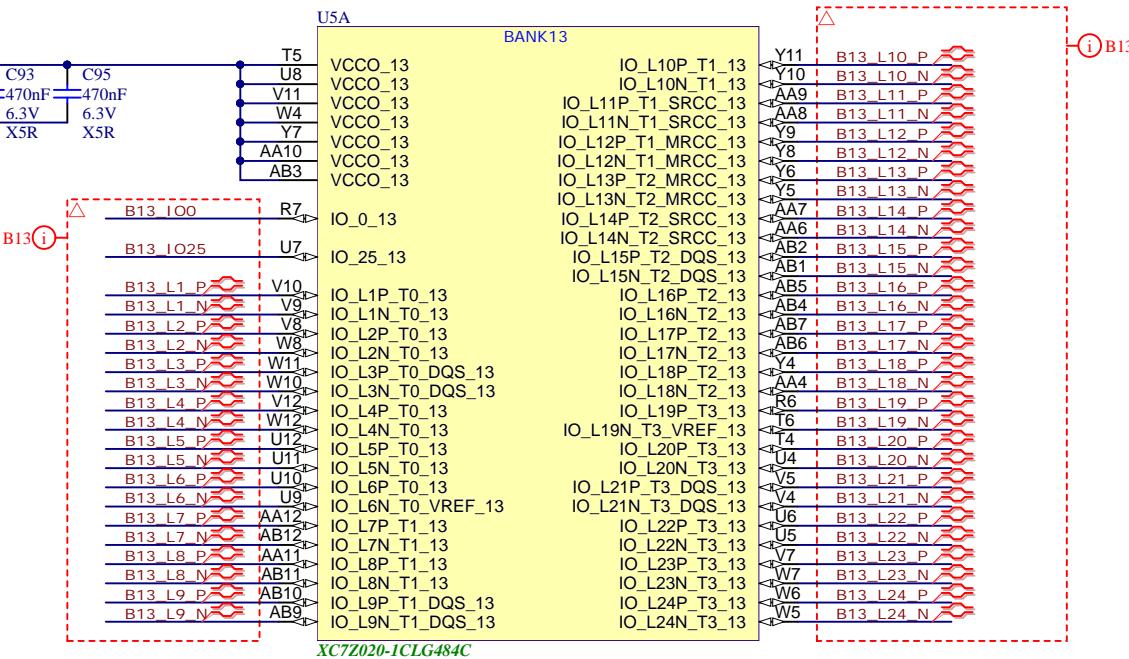




A



B13 i



Title: GigaZee - B13

A4 Number: TE0720
TE0720-1CFA

Rev. 03

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

Page 5 of 15

Filename: B13.SchDoc

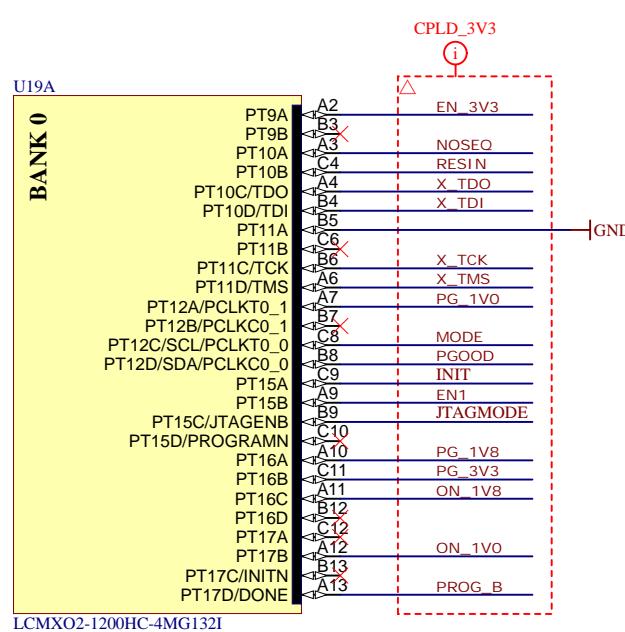
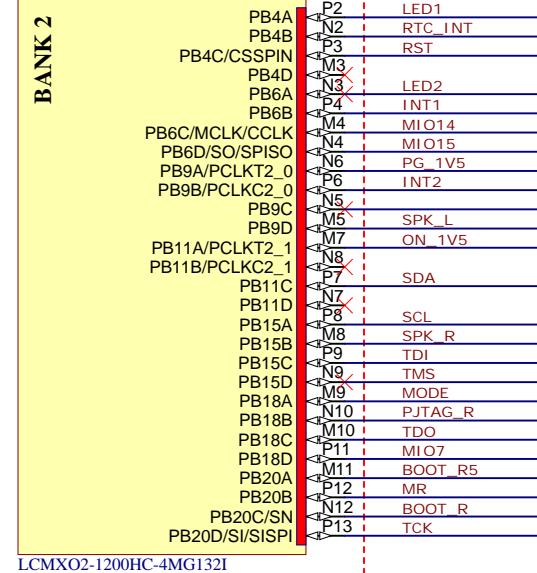
A

B

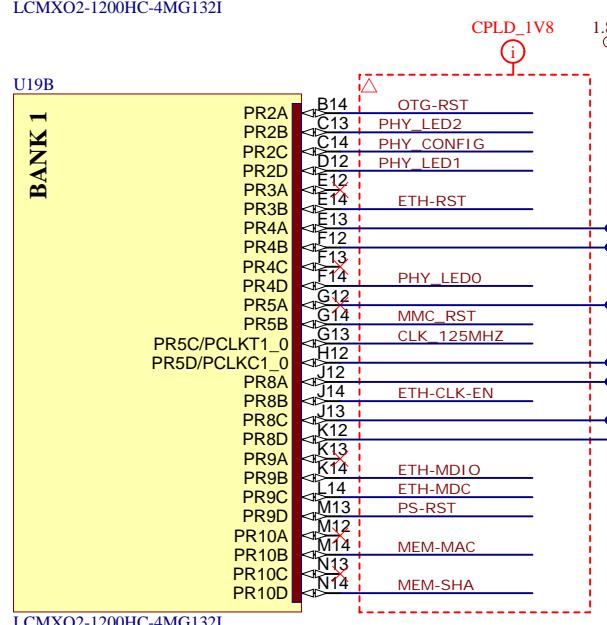
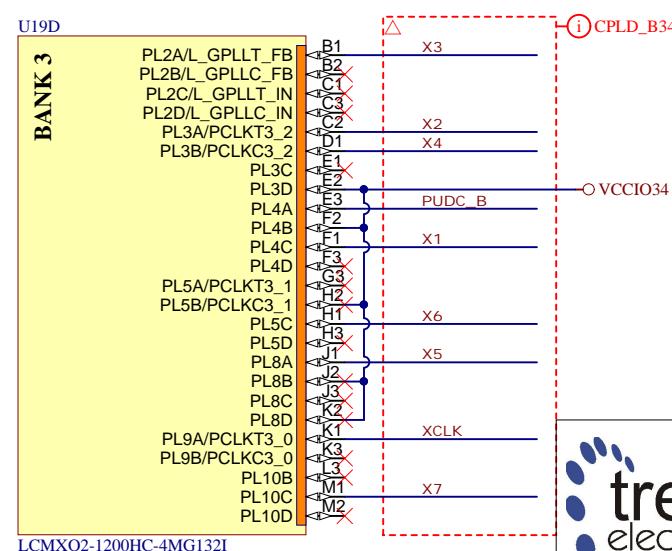
C

D

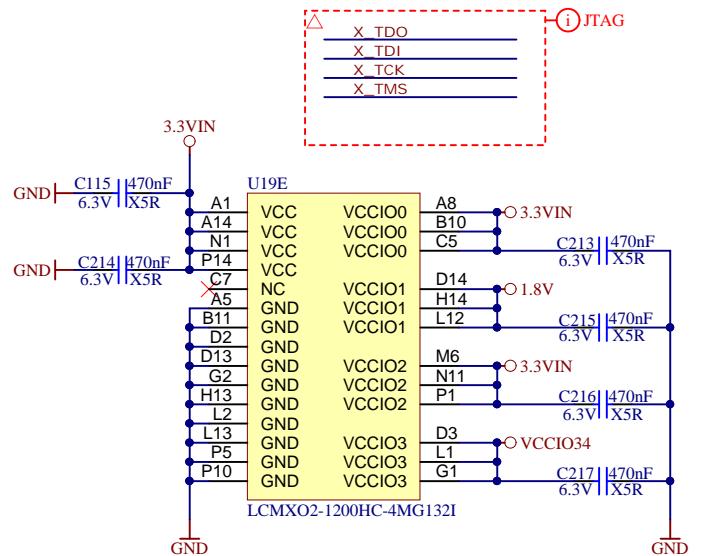
A

**BANK 2**

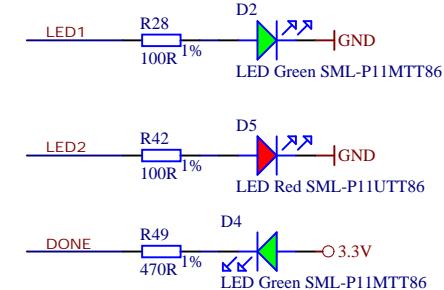
B

**BANK 3**

A



B



C

Title: **GigaZee - System Controller**

A4 Number: **TE0720**
TE0720-1CFA

Rev. **03**

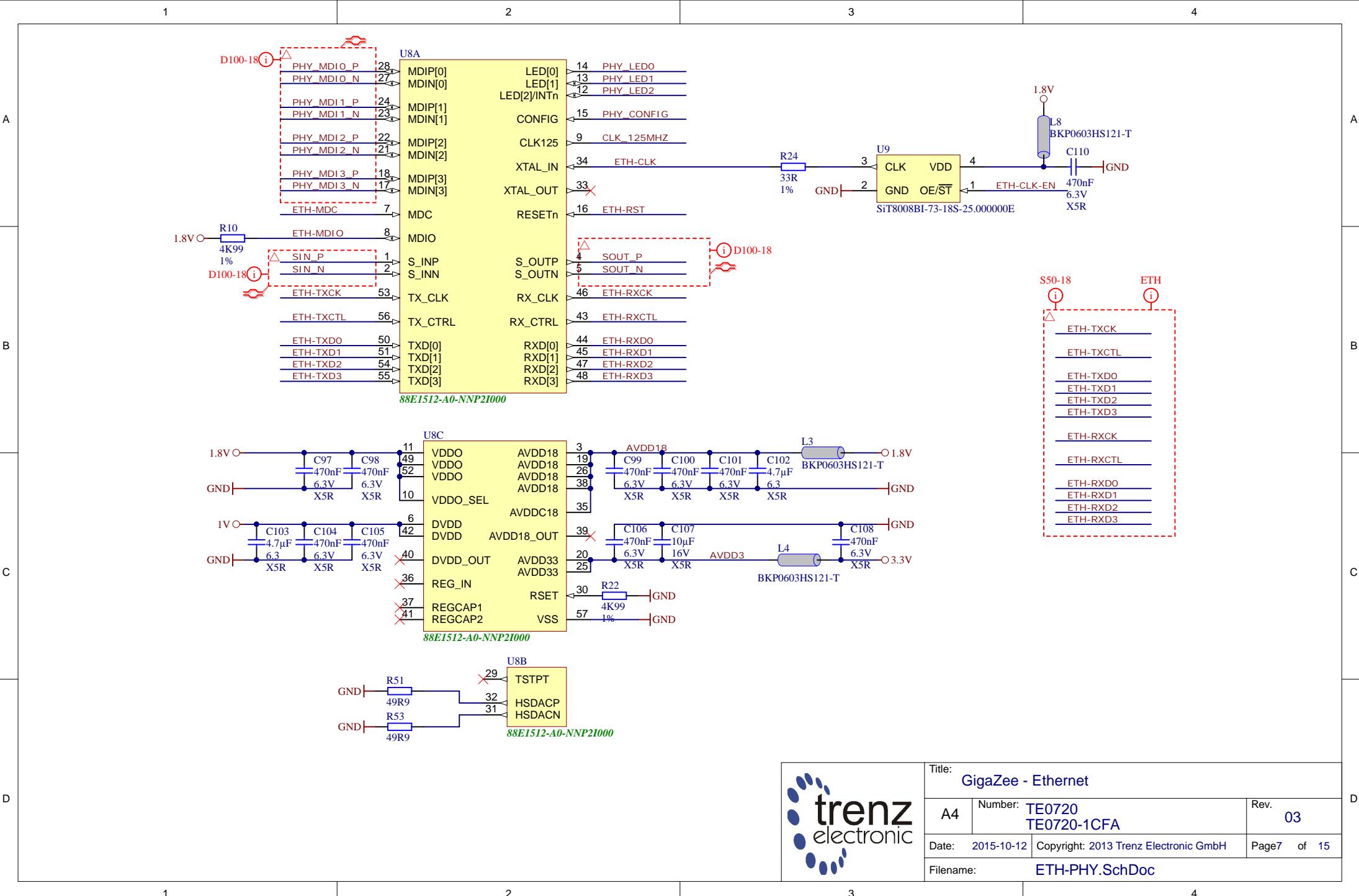
Date: **2015-10-12** Copyright: **2013 Trenz Electronic GmbH**

Page **6** of **15**

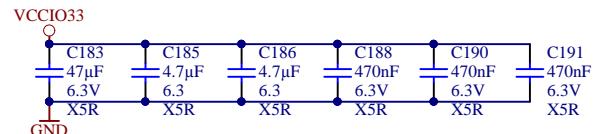
Filename: **SystemController.SchDoc**



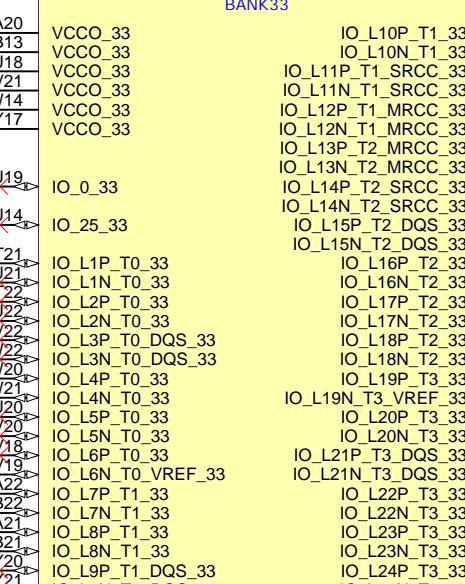
1 2 3 4



A

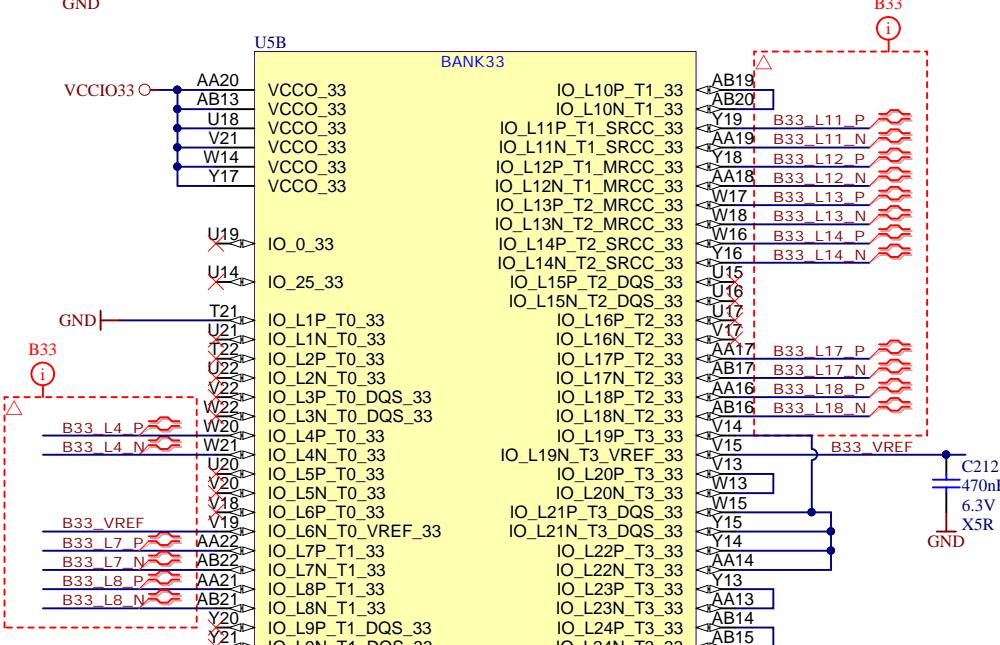


U5B BANK33

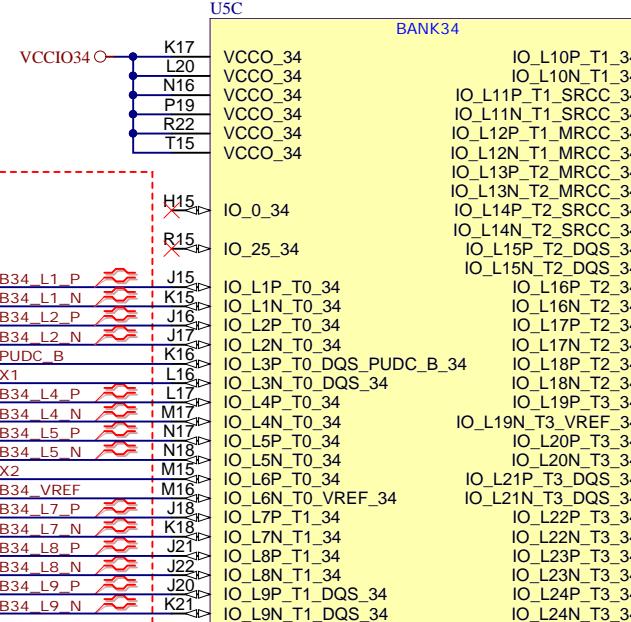
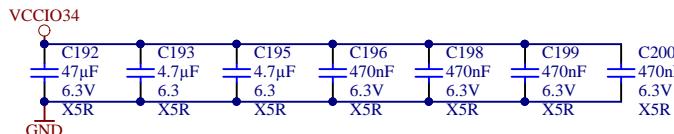


XC7Z020-ICLG484C

B



C



XC7Z020-1CLG484C

A

B

C

D



Title: GigaZee - B33 - B34

A4 | Number: TE0720
TE0720-1CFA

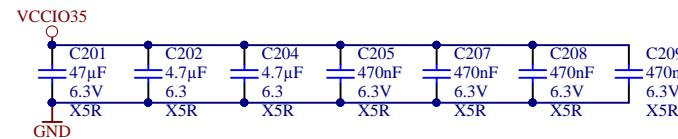
Rev. 03

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

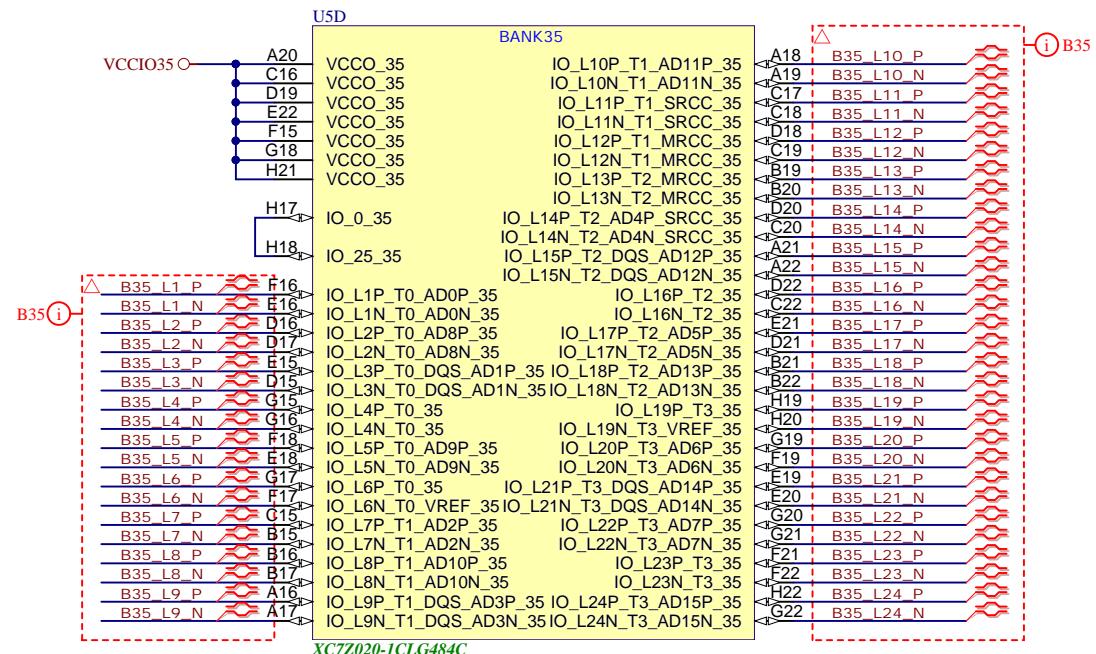
Page 8 of 15

Filename: B33-B34.SchDoc

A



B



C

D



Title: GigaZee - B35

A4 Number: TE0720
TE0720-1CFA

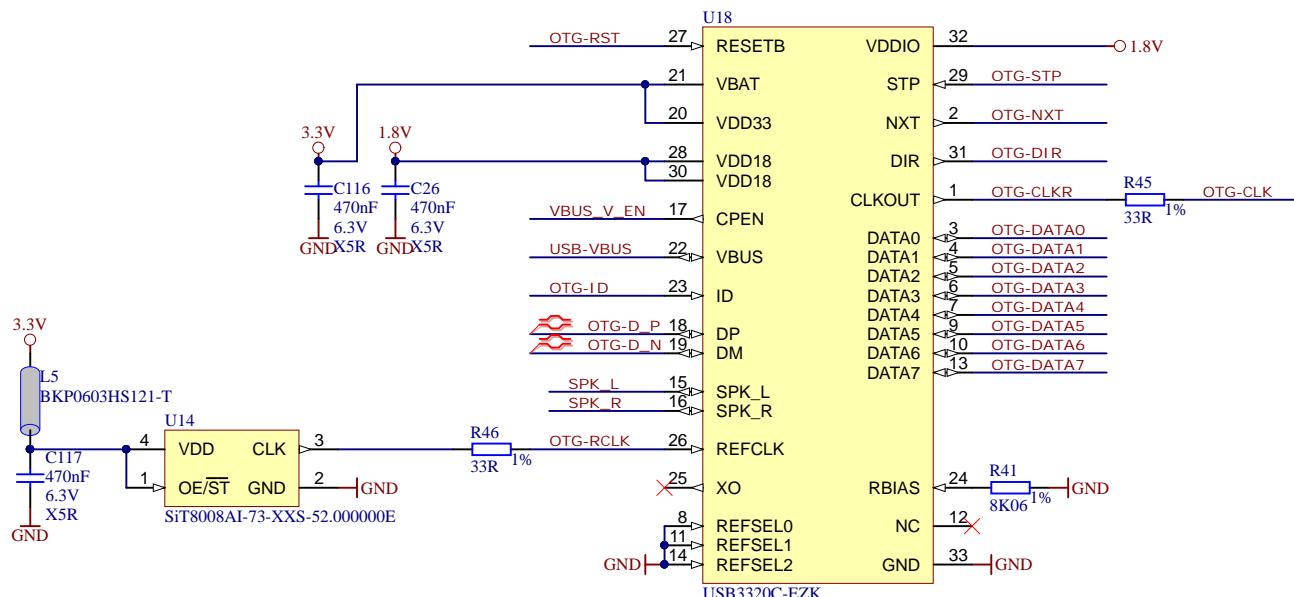
Rev. 03

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

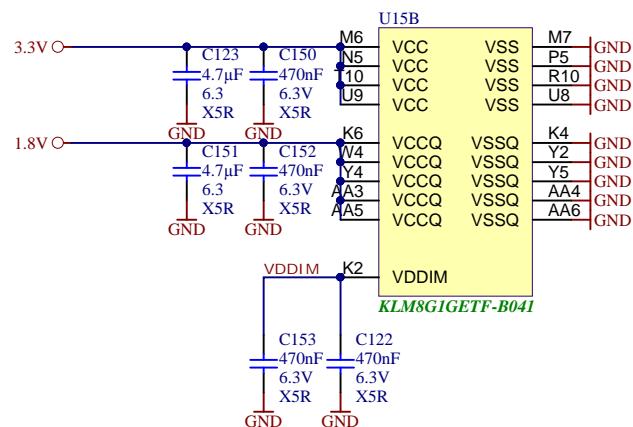
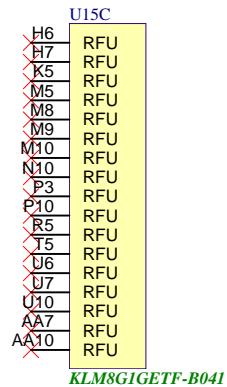
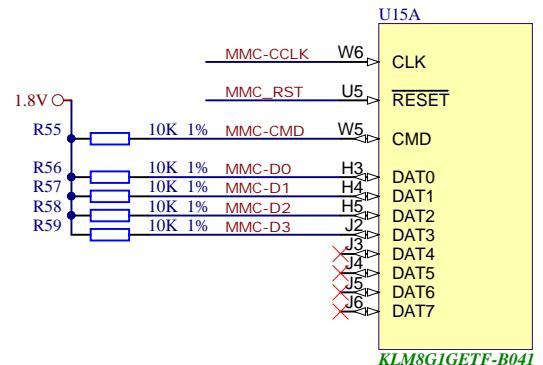
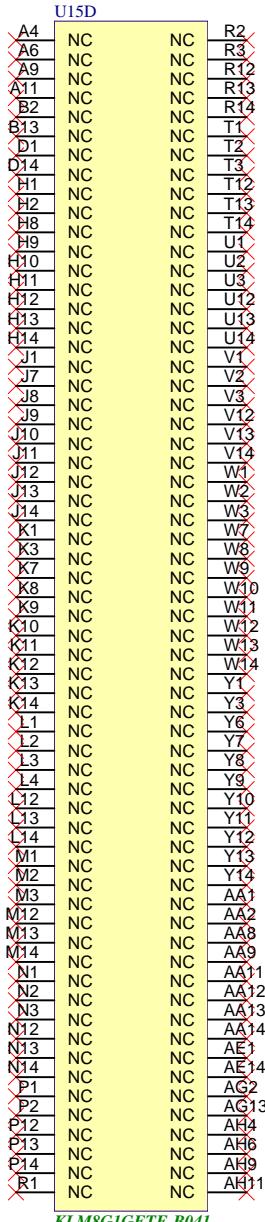
Page 9 of 15

Filename: B35.SchDoc

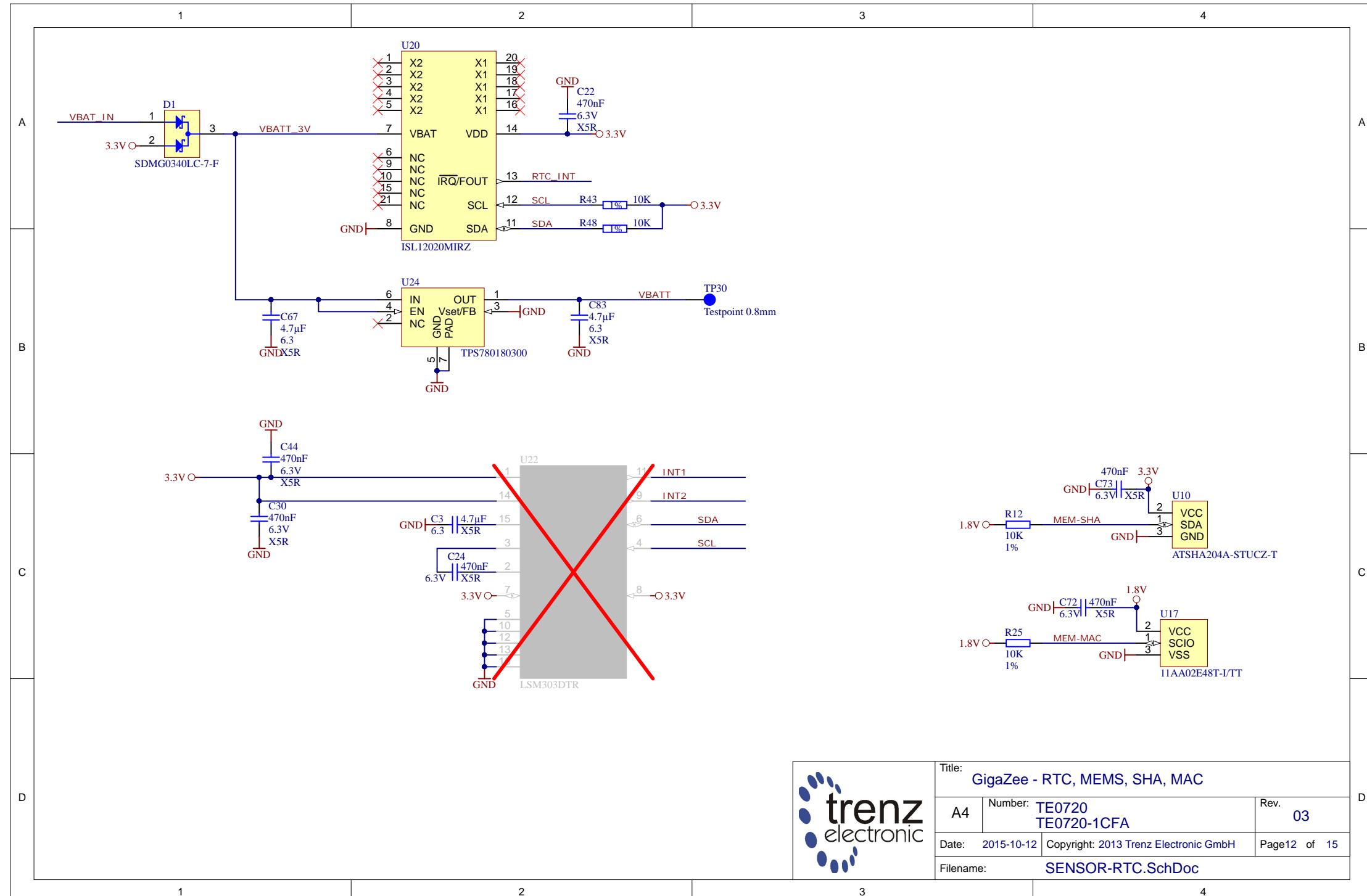
A



Title: GigaZee - USB		
A4	Number: TE0720 TE0720-1CFA	Rev. 03
Date: 2015-10-12	Copyright: 2013 Trenz Electronic GmbH	Page 10 of 15
Filename: USB-PHY.SchDoc		



Title: GigaZee - eNAND	
A4	Number: TE0720 TE0720-1CFA
Rev. 03	
Date: 2015-10-12	Copyright: 2013 Trenz Electronic GmbH
Page 11 of 15	
Filename: eMMC.SchDoc	



Title: GigaZee - RTC, MEMS, SHA, MAC

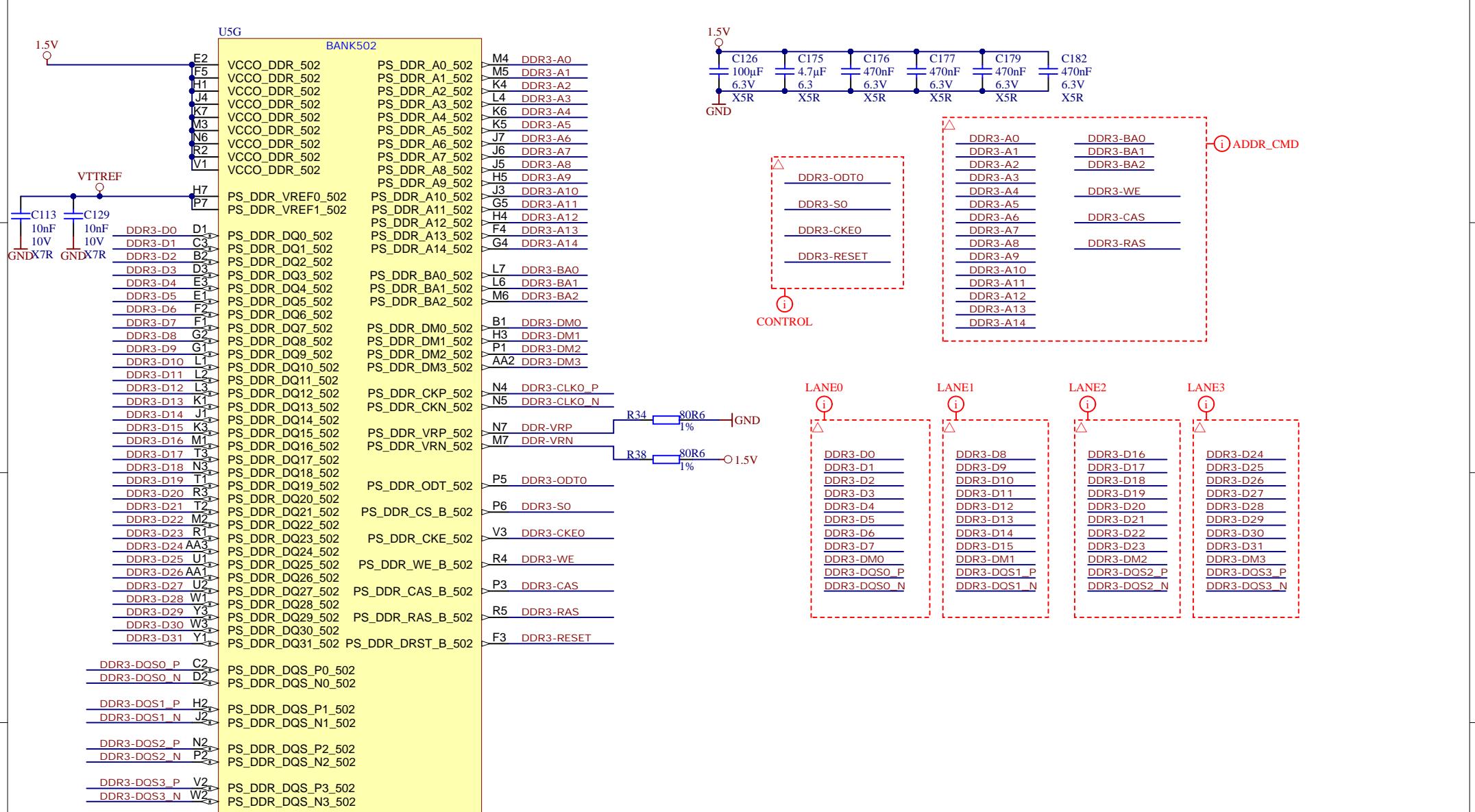
A4 | Number: TE0720
TE0720-1CFA

Rev. 03

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

Page 12 of 15

Filename: SENSOR-RTC.SchDoc



Title: GigaZee - B502	
A4	Number: TE0720 TE0720-1CFA
Date: 2015-10-12	Copyright: 2013 Trenz Electronic GmbH
Filename: PS-DDR.SchDoc	Page 13 of 15

1 2 3 4

A

B

C

D

A

B

C

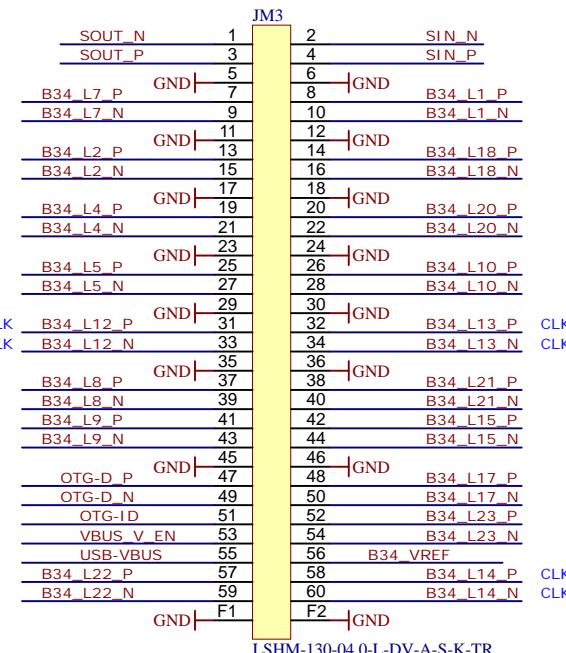
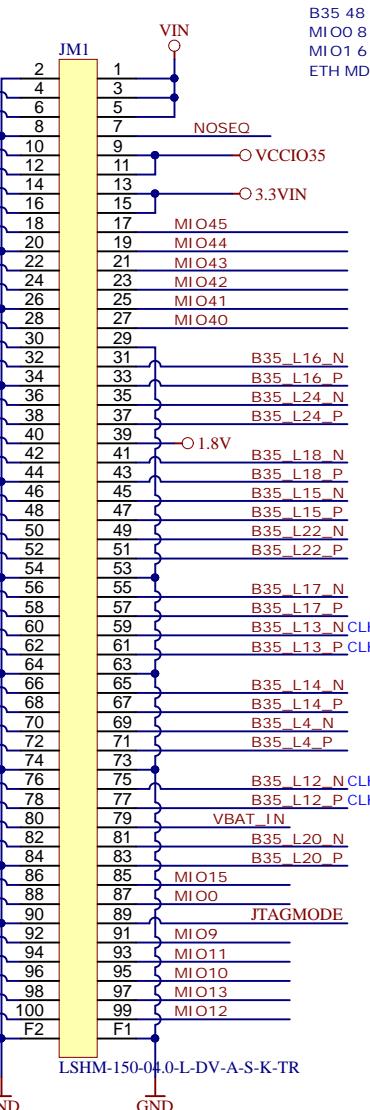
D

1 2 3 4

B35 48 IO, 24 LVDS Pairs
MIO0 8 IO, 3.3V
MIO1 6 IO 1.8V
ETH MDI Copper

B34 36 IO, 18 LVDS Pairs
USB OTG
ETH SGMII

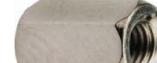
B33 18 IO, 9 LVDS Pairs
B13 48 IO, 24 LVDS Pairs
B13 2 IO



Top of Board



Screw M3x4



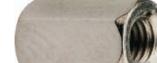
Distance Holder M3x8



Screw M3x6



Screw M3x4



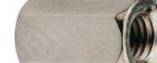
Distance Holder M3x8



Screw M3x6



Screw M3x4



Distance Holder M3x8



Screw M3x6



Title: GigaZee - B2B Connector

A4 Number: TE0720
TE0720-1CFA

Rev. 03

Date: 2015-10-12 Copyright: 2013 Trenz Electronic GmbH Page 15 of 15

Filename: B2B-Connectors.SchDoc