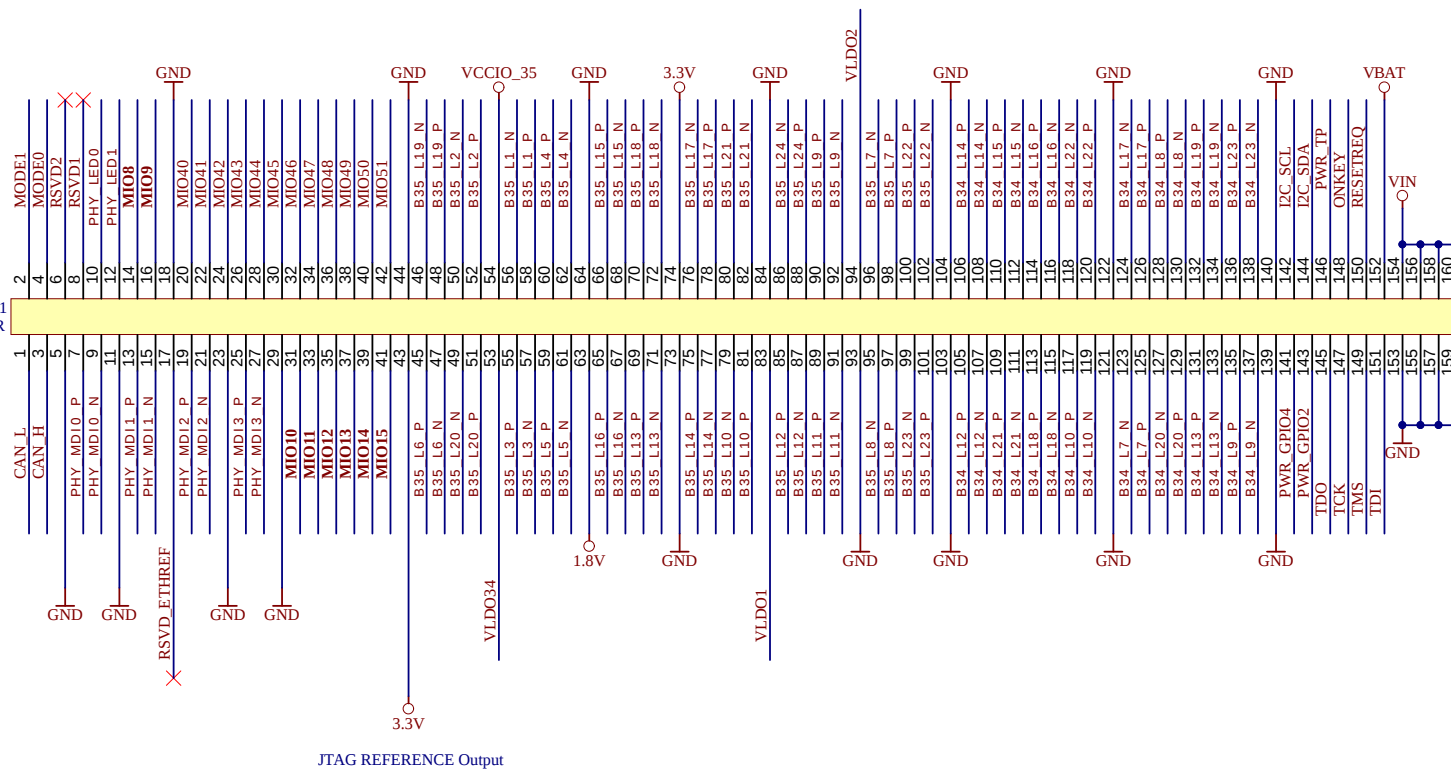
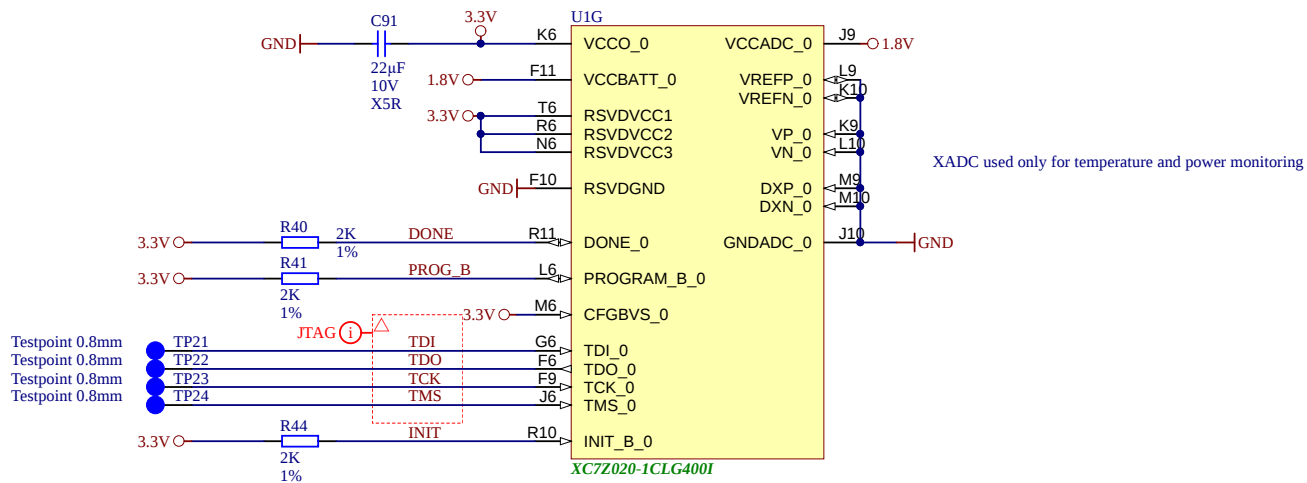


ST5-80-1.50-L-D-P-TR



Title: TE0724 - B2B connectors J1		
A4	Number: TE0724 20-11	Rev. 03
Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT	Page2 of 16
Filename: J1.SchDoc		



		Title: TE0724 - Zynq_MISC	
		Number: TE0724 20-1I	Rev. 03
Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT		Page3 of 16
Filename: ZYNQ_MISC.SchDoc			

1

2

3

4

A

B

C

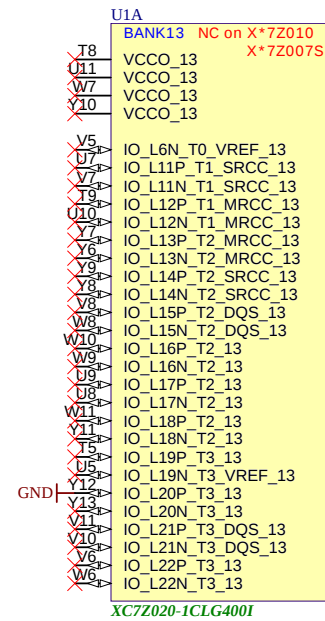
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A

B

C

D



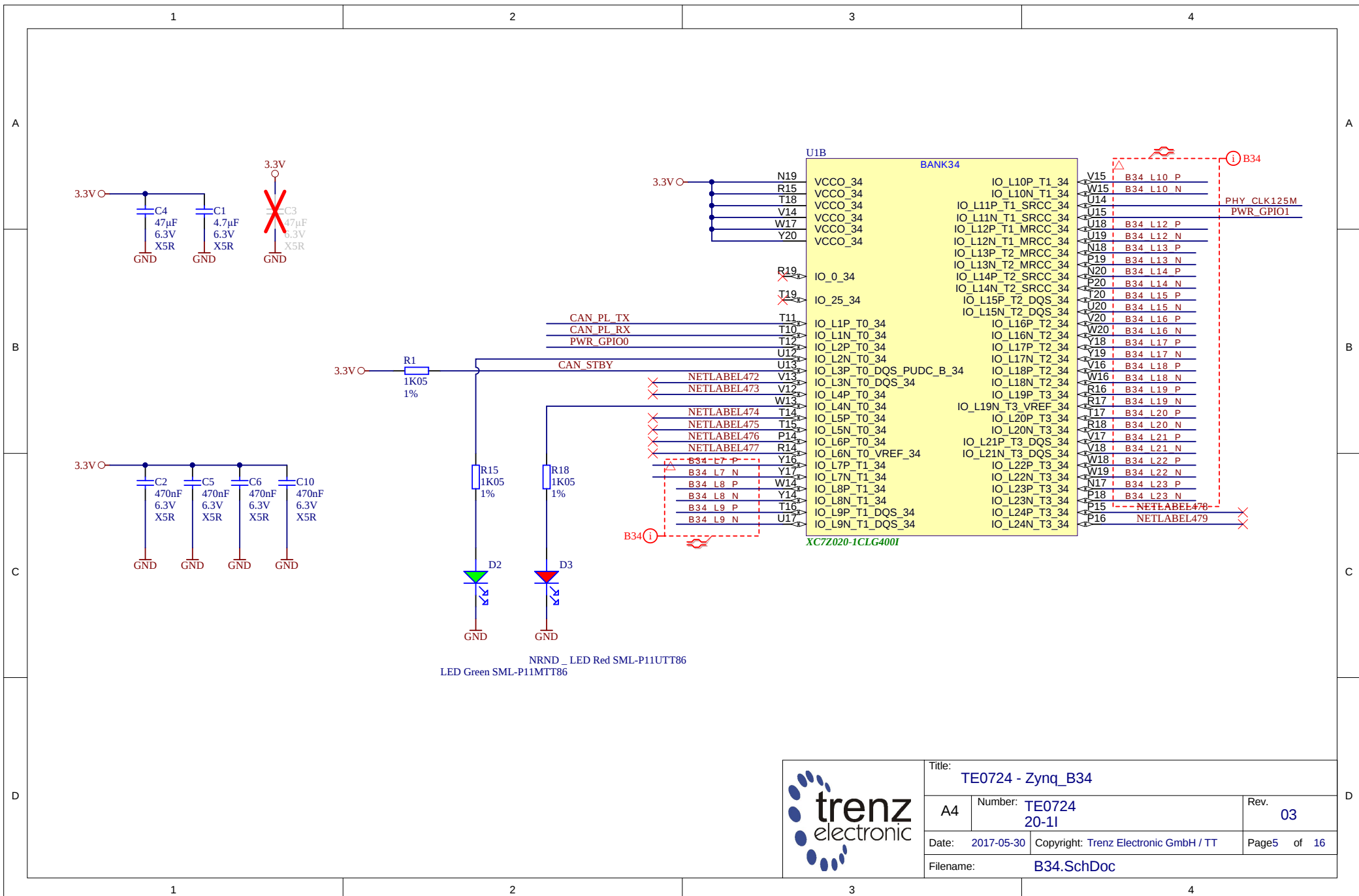
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Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT		Page4 of 16
Filename:		B13.SchDoc	

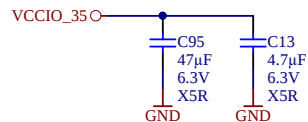
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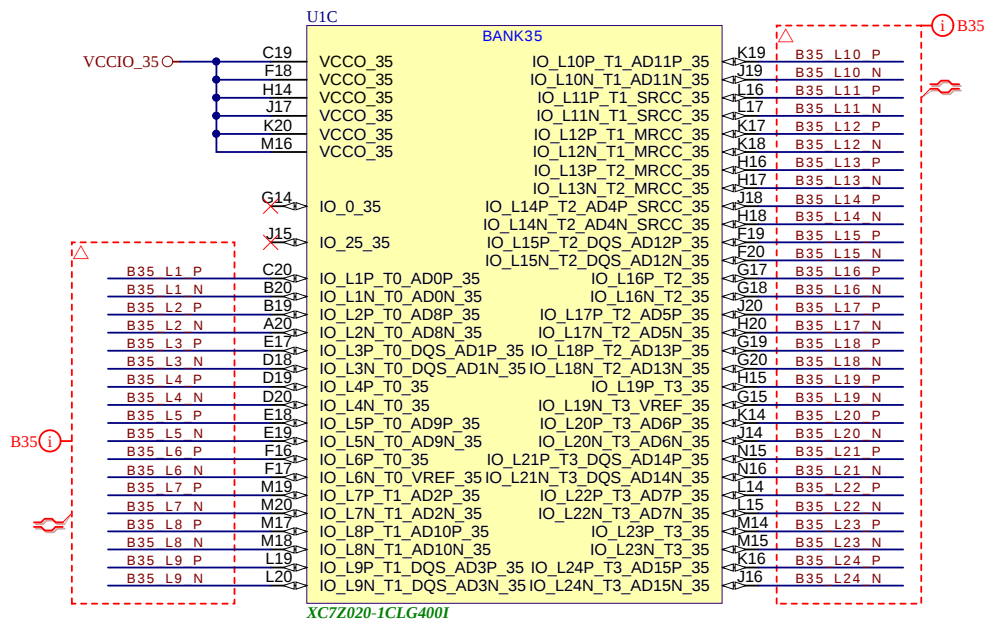
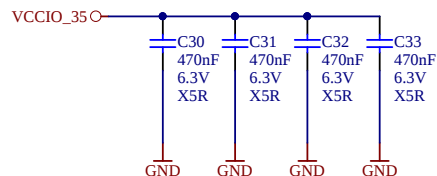
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4



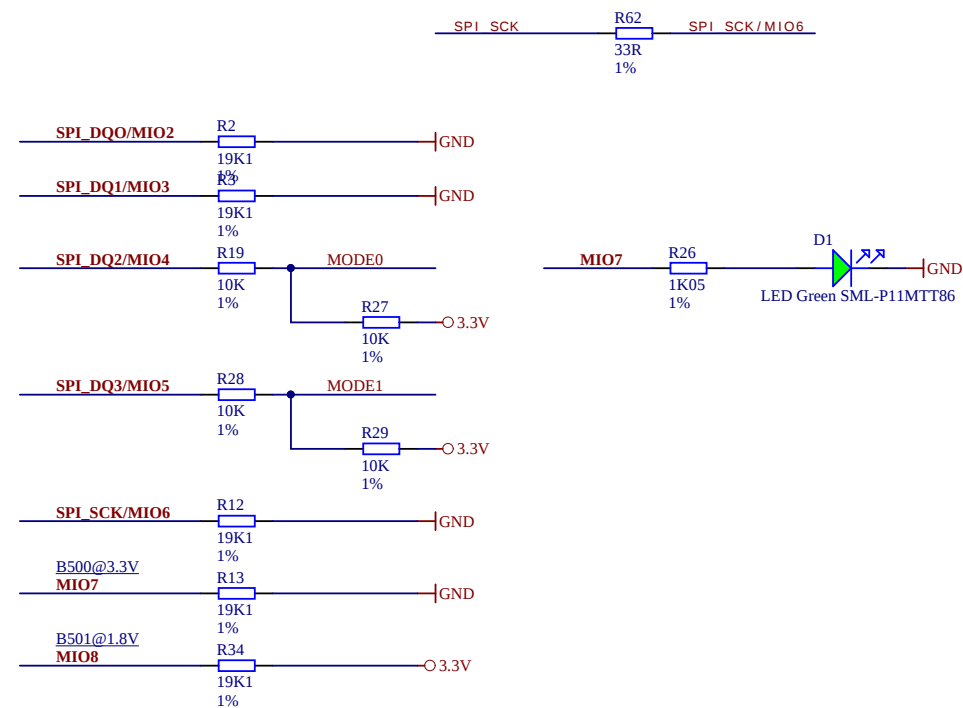
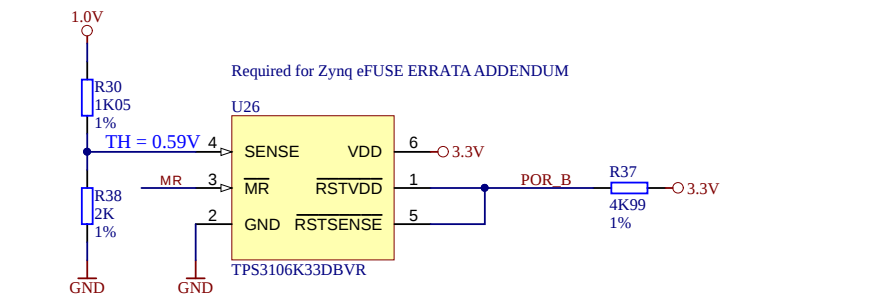


TP15
 Testpoint 0.8mm



		Title: TE0724 - Zynq_B35	
		A4	Number: TE0724 20-11
Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT		Rev. 03
Filename: B35.SchDoc		Page6 of 16	

	1	2	3	4									
A	U_B13 B13.SchDoc	U_B500 MIO_B500.SchDoc U_PS_DDR PS-DDR.SchDoc U_MISC ZYNQ_MISC.SchDoc	U_B501 MIO_B501.SchDoc										
B	U_B34 B34.SchDoc U_B35 B35.SchDoc	U_ZYNQ_POWER ZYNC_POWER.SchDoc											
C													
D				Title: TE0724 - Zynq <table><tr><td>A4</td><td>Number: TE0724 20-1I</td><td>Rev. 03</td></tr><tr><td>Date: 2017-05-30</td><td>Copyright: Trenz Electronic GmbH / TT</td><td>Page7 of 16</td></tr><tr><td colspan="3">Filename: ZYNQ.SchDoc</td></tr></table>	A4	Number: TE0724 20-1I	Rev. 03	Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT	Page7 of 16	Filename: ZYNQ.SchDoc		
A4	Number: TE0724 20-1I	Rev. 03											
Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT	Page7 of 16											
Filename: ZYNQ.SchDoc													
	1	2	3	4									



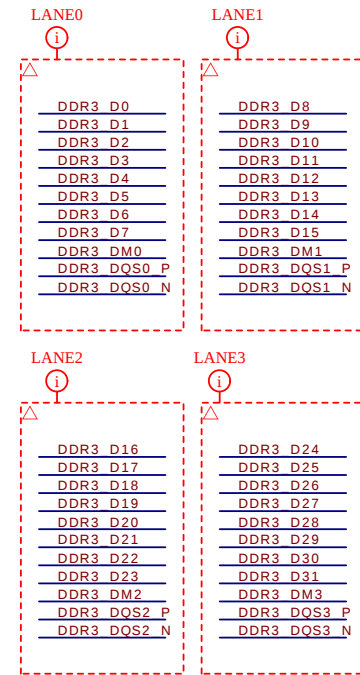
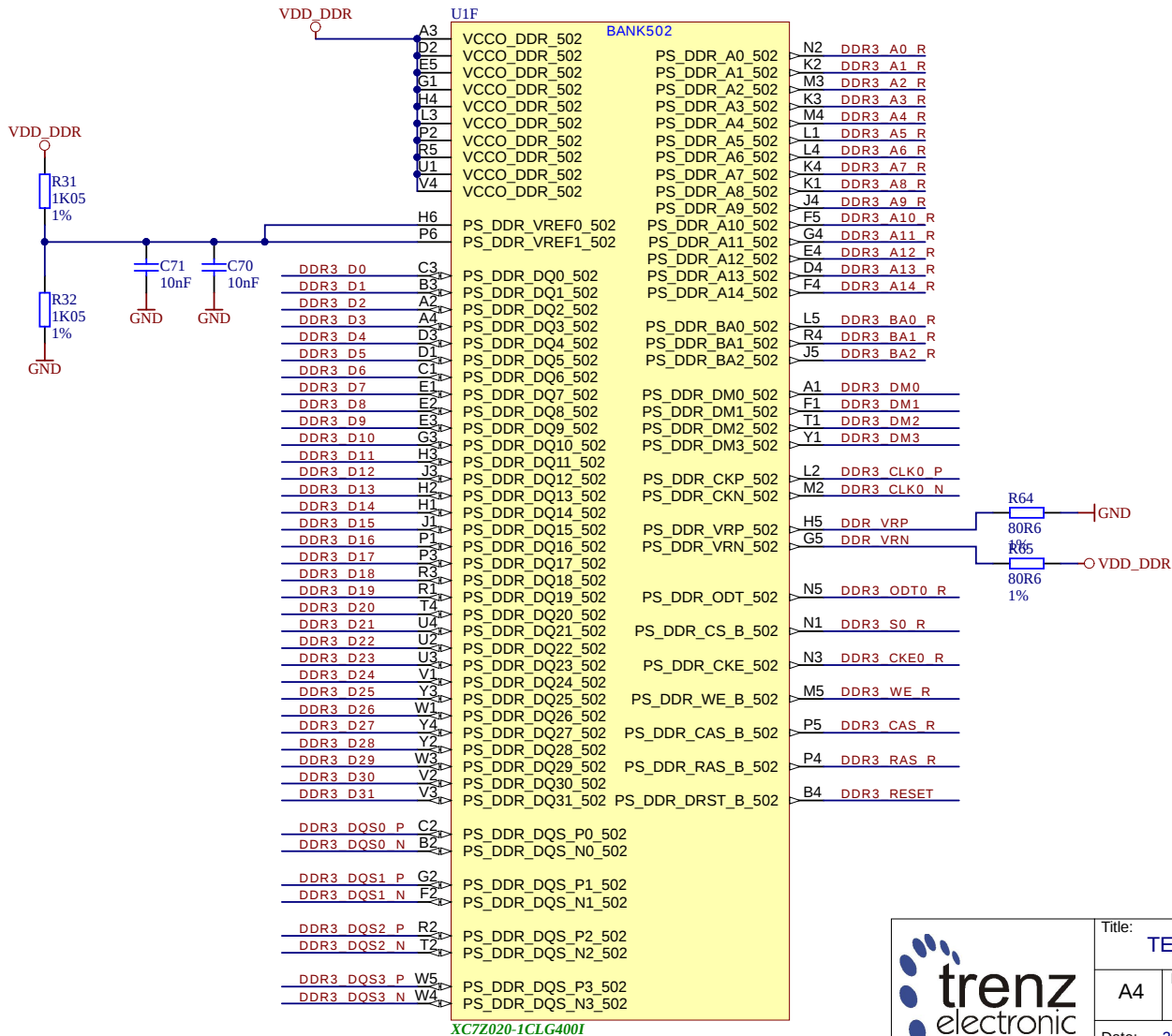
Title: TE0724 - Zynq_MIO_B500			
A4	Number: TE0724 20-1I	Rev. 03	
Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT		Page8 of 16
Filename: MIO_B500.SchDoc			

1

2

3

4



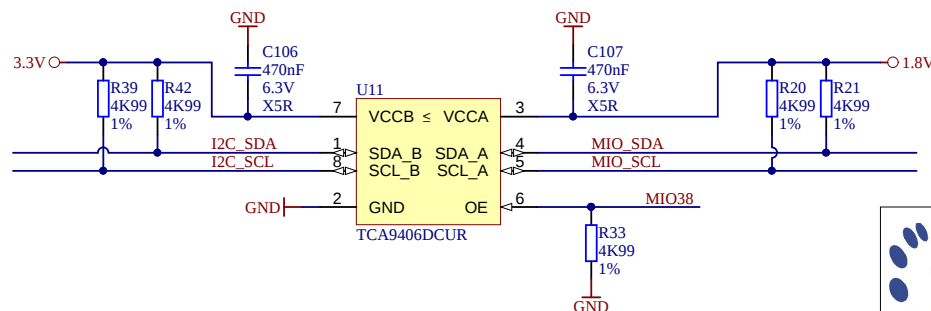
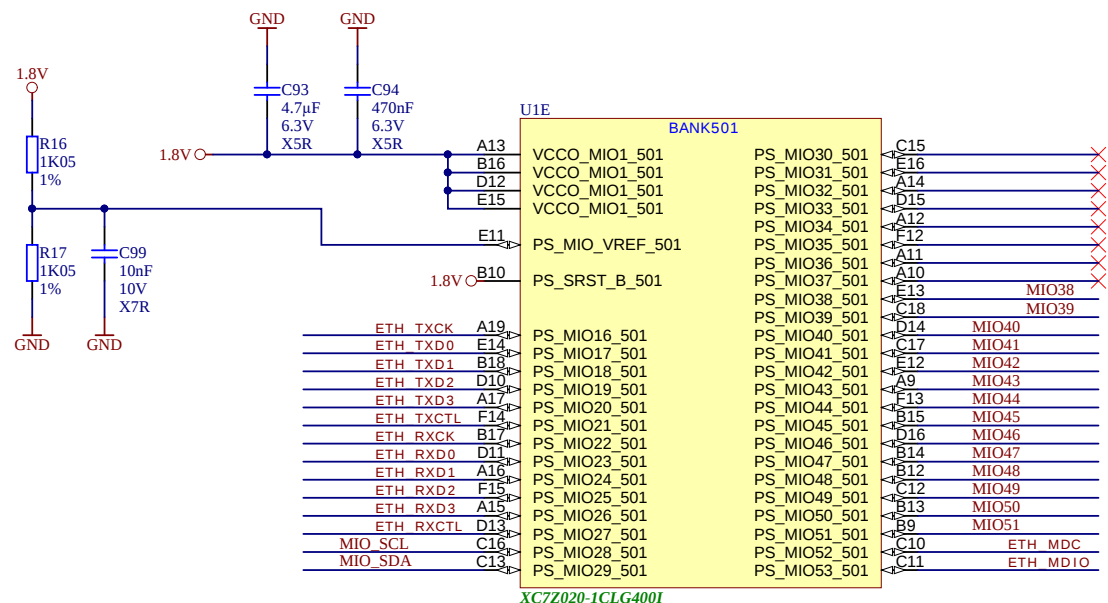
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A4	Number: TE0724 20-11	Rev. 03		
Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT	Page9 of 16		
Filename: PS-DDR.SchDoc				

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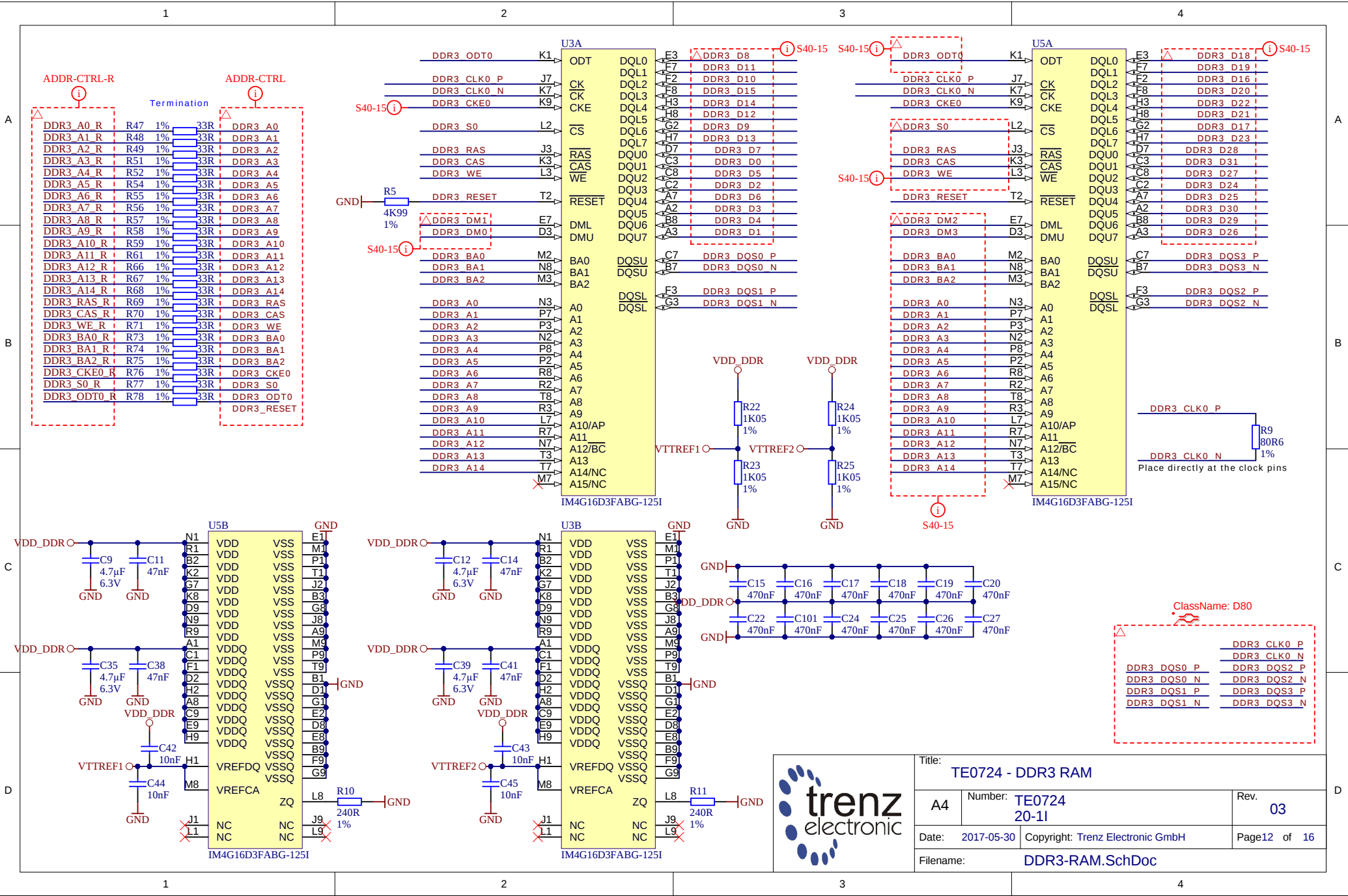
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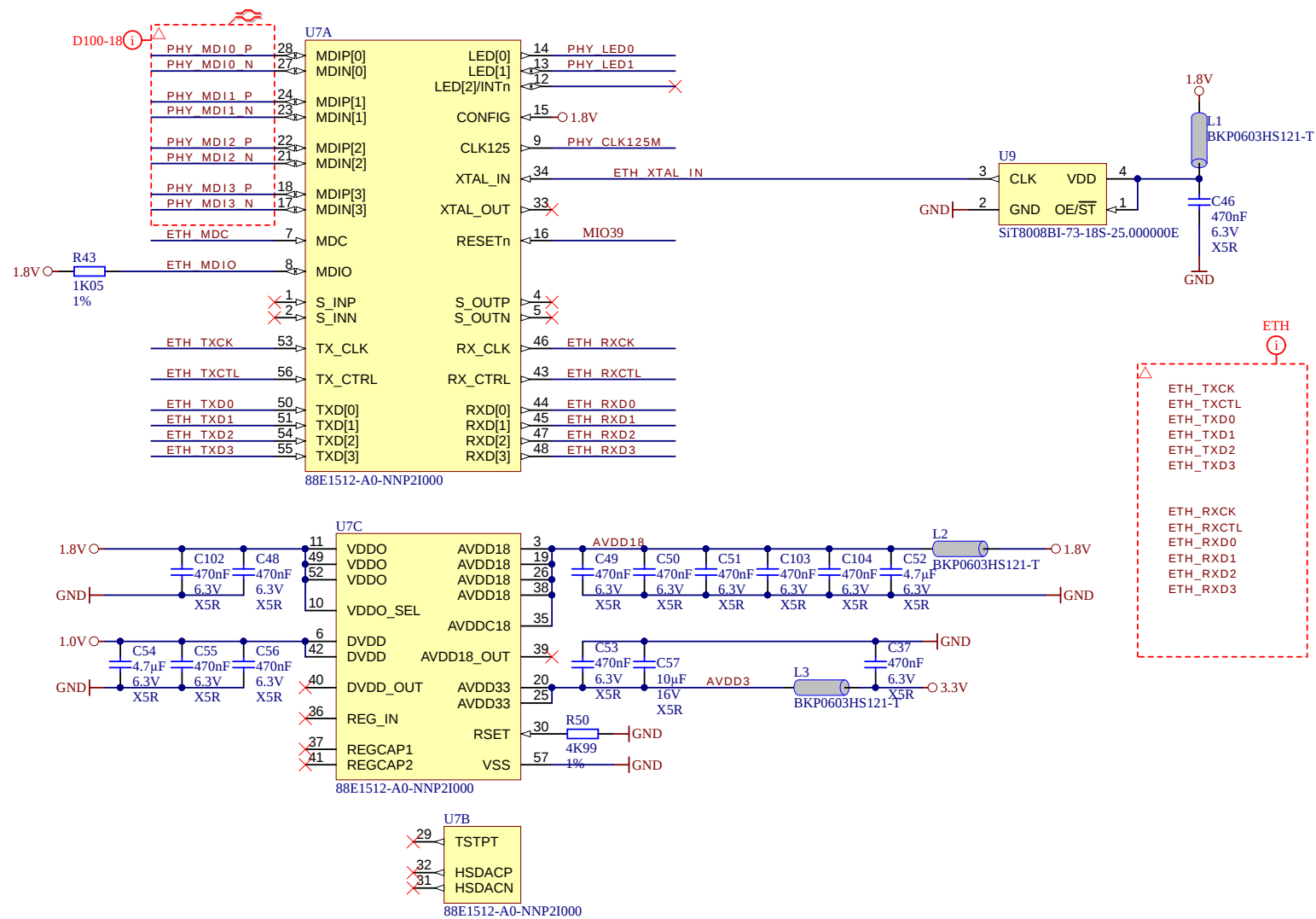
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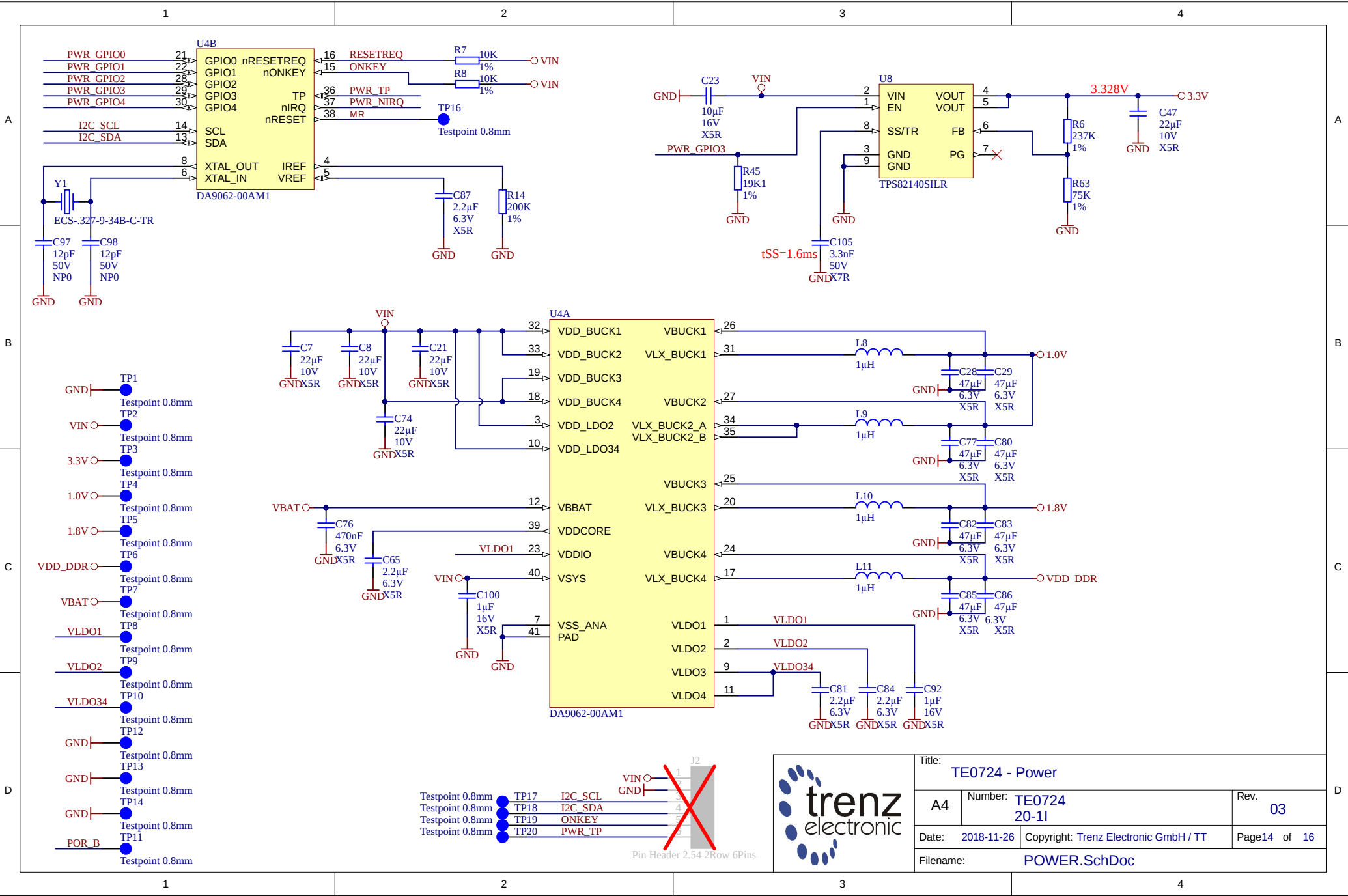
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Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT	Page11 of 16
Filename: MIO_B501.SchDoc		



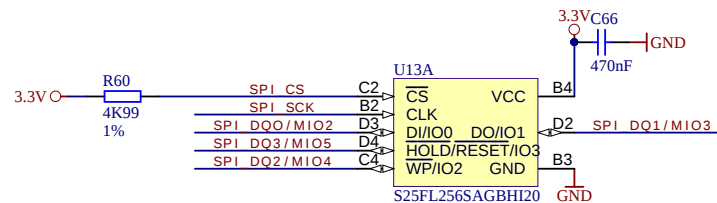
Title: TE0724 - DDR3 RAM		
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Date: 2017-05-30	Copyright: Trenz Electronic GmbH	
Filename: DDR3-RAM.SchDoc		Page12 of 16



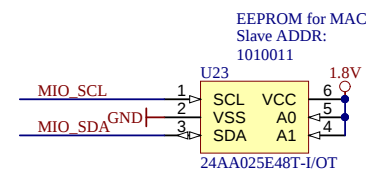
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		A4 Number: TE0724 20-1I	Rev. 03
Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT		Page13 of 16
Filename: ETH-PHY.SchDoc			



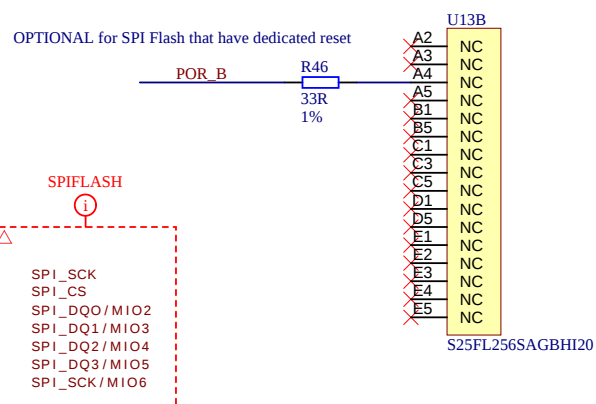
Title: TE0724 - Power		
A4	Number: TE0724 20-11	Rev. 03
Date: 2018-11-26	Copyright: Trenz Electronic GmbH / TT	Page14 of 16
Filename: POWER.SchDoc		



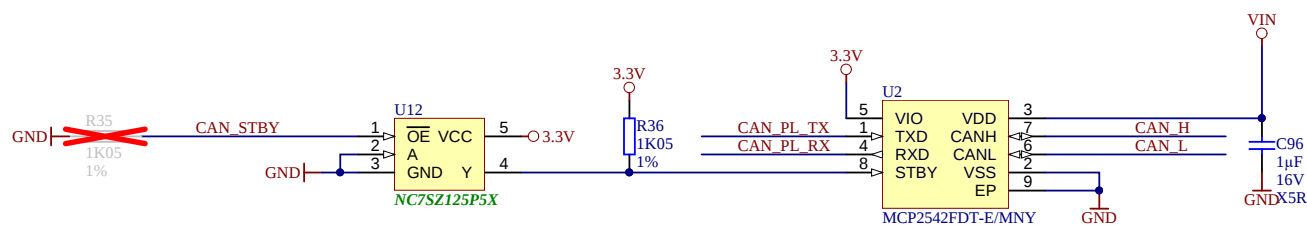
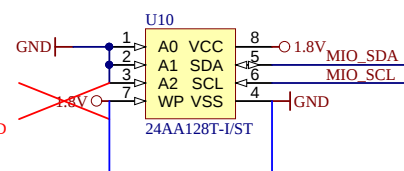
Optional EEPROM Memories



EEPROM for MAC
Slave ADDR:
1010011



PATCH
pin 7 soldered to GND



Title: TE0724		
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Date: 2017-05-30	Copyright: Trenz Electronic GmbH / TT	Page15 of 16
Filename: QSPI_MicroSD.SchDoc		

	1	2	3	4													
A	REV. 02: 1) New I2C translator U11: TCA9406DCUR 2) Fixed boot mode connection. Mode0 pulled-up by R27 and Mode 1 pulled-up by R33 3) Green LED D3 replaced to Red LED 4) C91 changed from 47 to 22uF 5) C3 not fitted 6) C105 deleted, C47 replaced from 10 to 22uF (EP53A7HQI output capacitor) 7) PWR_GPIO3 (EP53A7HQI enable) pulled down by R45 (19.1 kOhm) 8) DONE, INIT, PROG_B pulled-up to 3.3V 9) Added testpoints: JTAG, PMIC (I2C, ONKEY, TP) 10) J2 changed to 2 row 6-pin header. To J2 added ONKEY, PWR_TP, VIN 11) Mounting holes changed from 2mm to 2.2mm REV.02A: 1) PCB revision: all vias are epoxy filled and copper capped. No mask openings on vias. No electrical changes REV.03: 1) Replace DCDC U8 by TPS82140				A												
B					B												
C					C												
D	 <table><tr><td colspan="3">Title: TE0724</td></tr><tr><td>A4</td><td>Number: TE0724 20-1I</td><td>Rev. 03</td></tr><tr><td>Date: 2018-11-26</td><td>Copyright: Trenz Electronic GmbH / TT</td><td>Page16 of 16</td></tr><tr><td colspan="3">Filename: Revision changes.SchDoc</td></tr></table>				Title: TE0724			A4	Number: TE0724 20-1I	Rev. 03	Date: 2018-11-26	Copyright: Trenz Electronic GmbH / TT	Page16 of 16	Filename: Revision changes.SchDoc			D
Title: TE0724																	
A4	Number: TE0724 20-1I	Rev. 03															
Date: 2018-11-26	Copyright: Trenz Electronic GmbH / TT	Page16 of 16															
Filename: Revision changes.SchDoc																	
	1	2	3	4													