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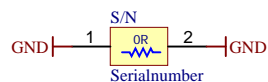
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POWERBENCH



PM4 PM5 PM6



Serial  
Serial  
Serialnummer 6,3 x 6.3mm

$\perp$   
GND

**⊥**  
**GND**

TE Logo PRINT Layer

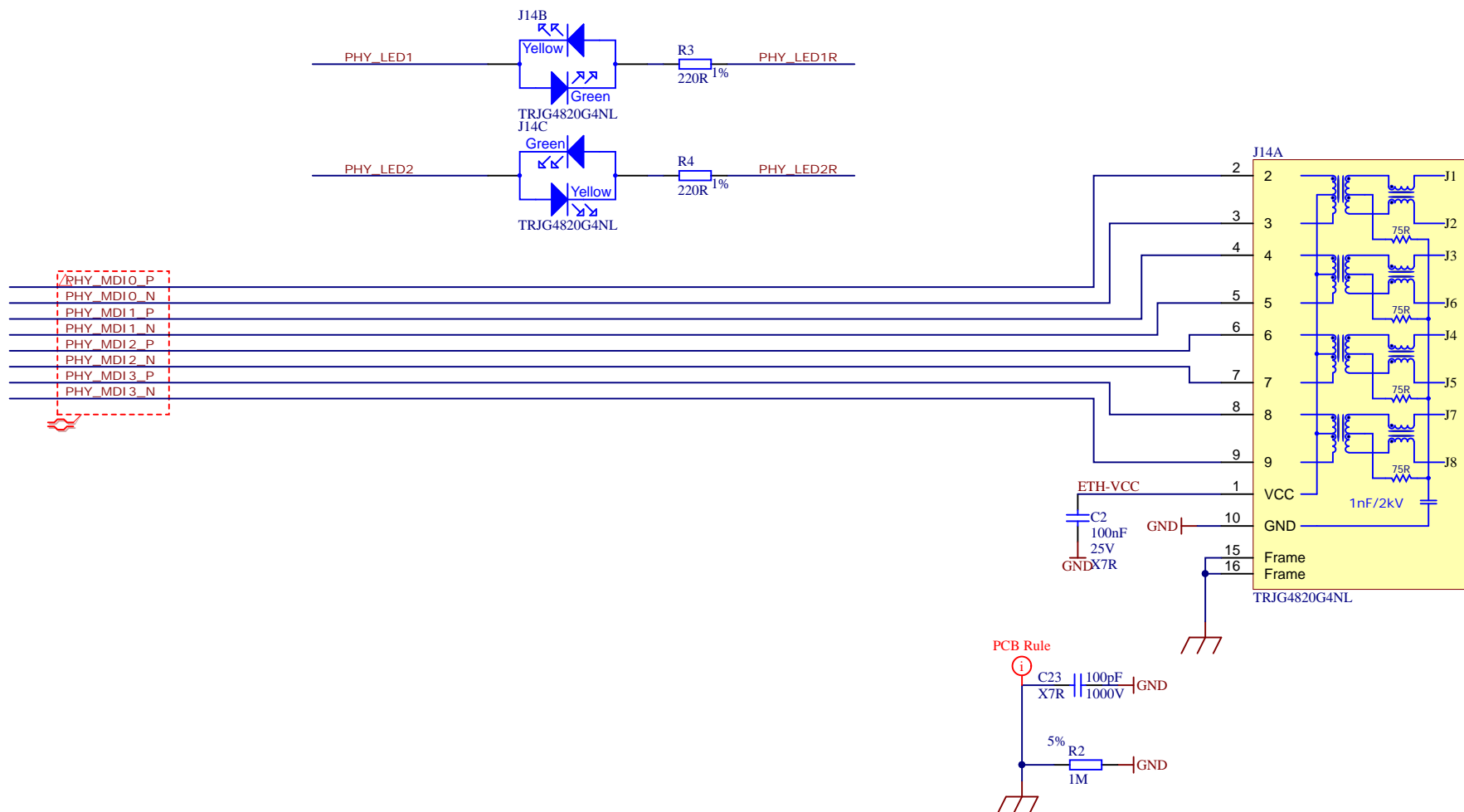
LOGO PRINT




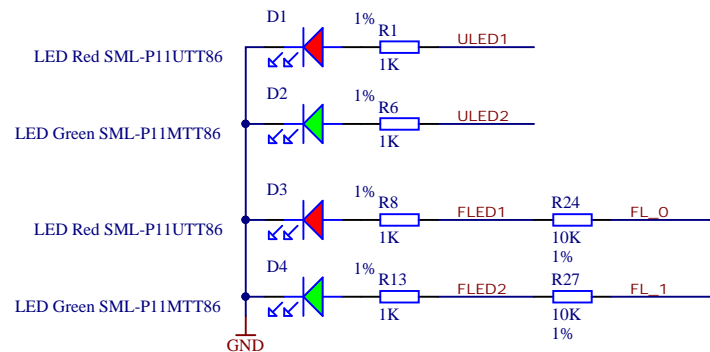
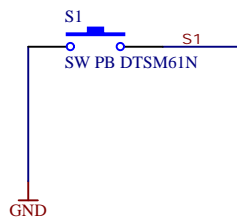
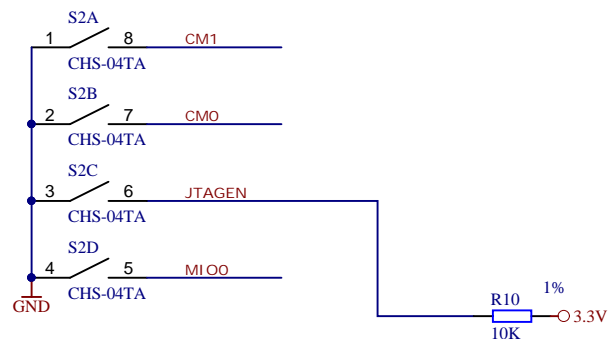
A4	Number: <b>TE0703</b> <b>TE0703-D</b>	Rev. <b>05</b>
Date: <b>2016-06-23</b>	Copyright: <b>Trenz Electronic GmbH</b>	Page1 of 11
Filename:	<b>TE0703.SchDoc</b>	




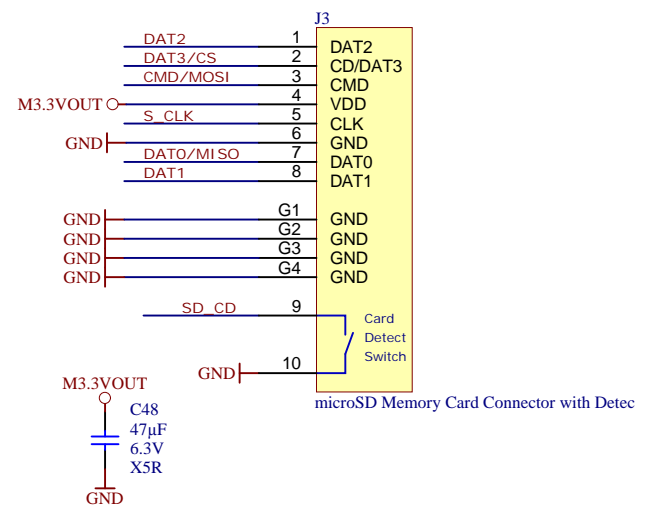
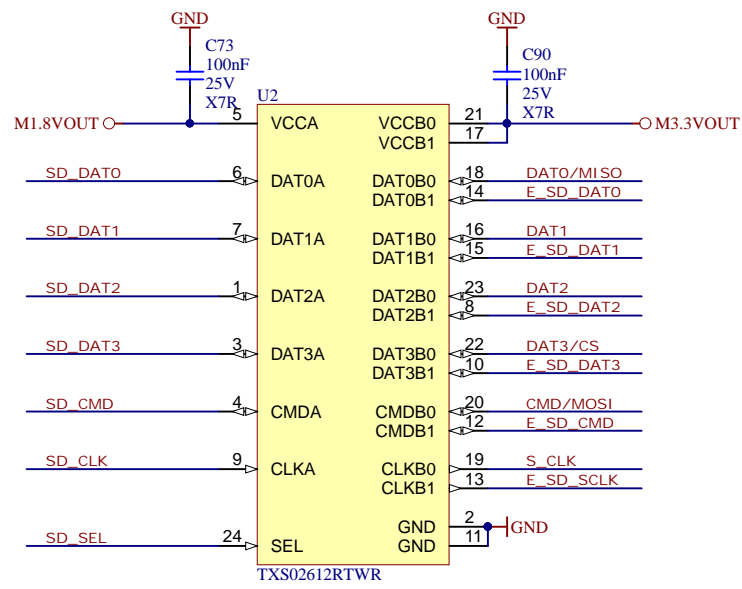





			Title: Ethernet	
A4	Nummer: <b>TE0703</b> <b>TE0703-D</b>		Rev. <b>05</b>	
Datum: 2016-06-23		Zeichner: Trenz Electronic GmbH		Blatt 4 von 11
Filename: Ethernet.SchDoc				



		Title: LED-Switch	
		Number: TE0703 TE0703-D	Rev. 05
Date: 2016-06-23	Copyright: Trenz Electronic GmbH		Page 5 of 11
Filename: LED_SW_BUT.SchDoc			



		Title: SD Card	
		Number: TE0703 TE0703-D	Rev. 05
Date: 2016-06-23	Copyright: Trenz Electronic GmbH		Page 6 of 11
Filename: SDCard.SchDoc			



1

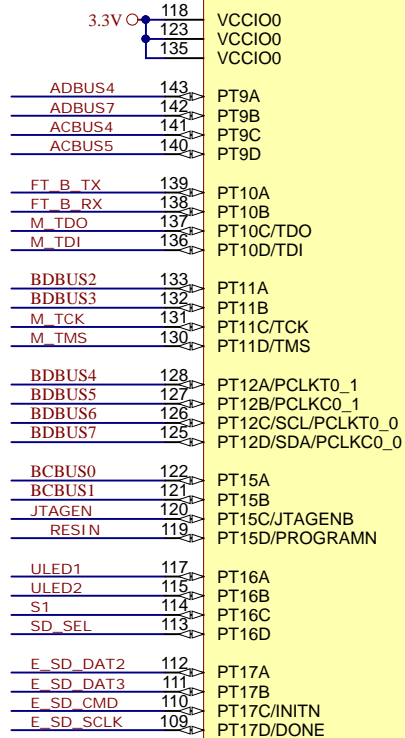
2

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U5A

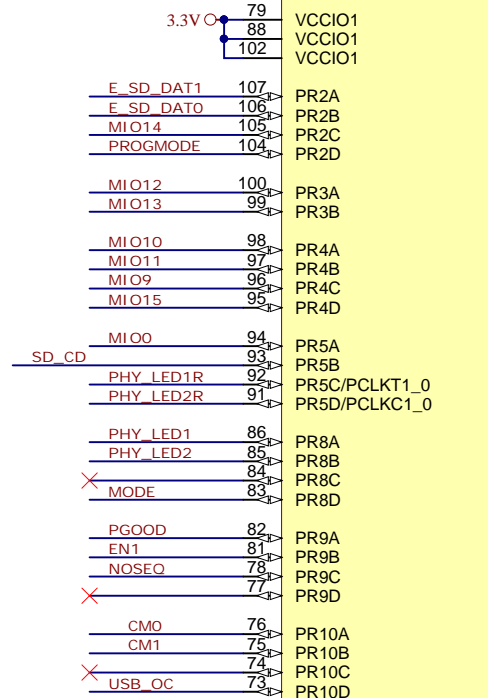
BANK0



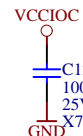
LCMXO2-1200HC-4TG144I

U5B

BANK1

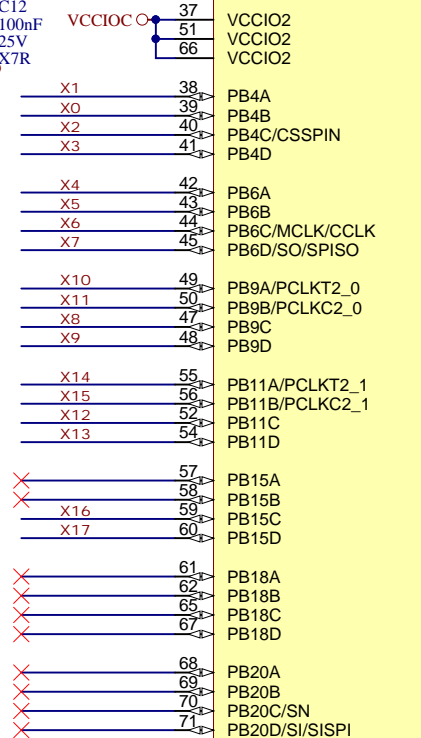


LCMXO2-1200HC-4TG144I



U5C

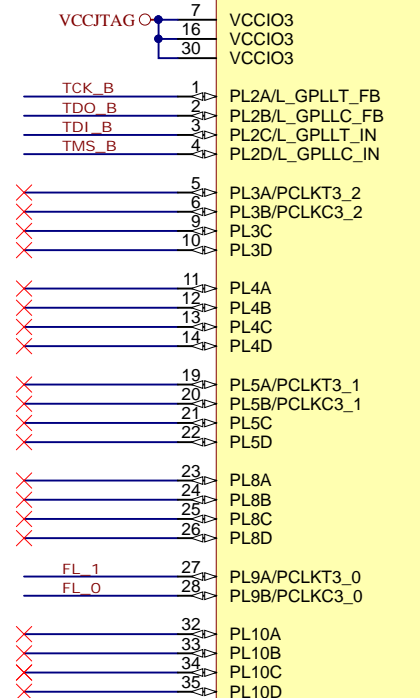
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LCMXO2-1200HC-4TG144I

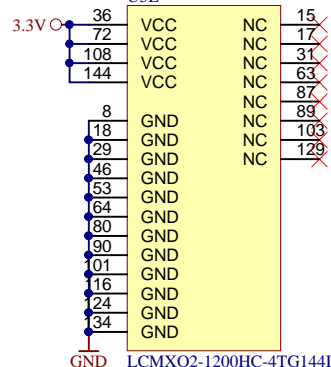
U5D

BANK3

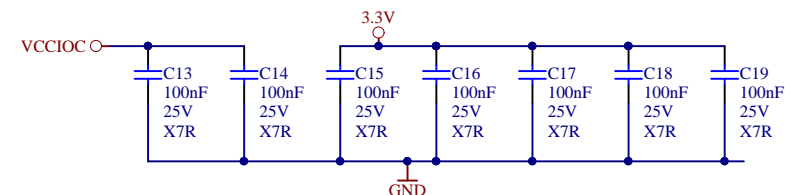
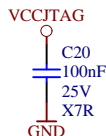
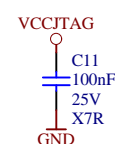


LCMXO2-1200HC-4TG144I

U5E



LCMXO2-1200HC-4TG144I



Title: System Monitor		
A4	Number: TE0703 TE0703-D	Rev. 05
Date: 2016-06-23	Copyright: Trenz Electronic GmbH	Page8 of 11
Filename: CPLD.SchDoc		

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A

A

B

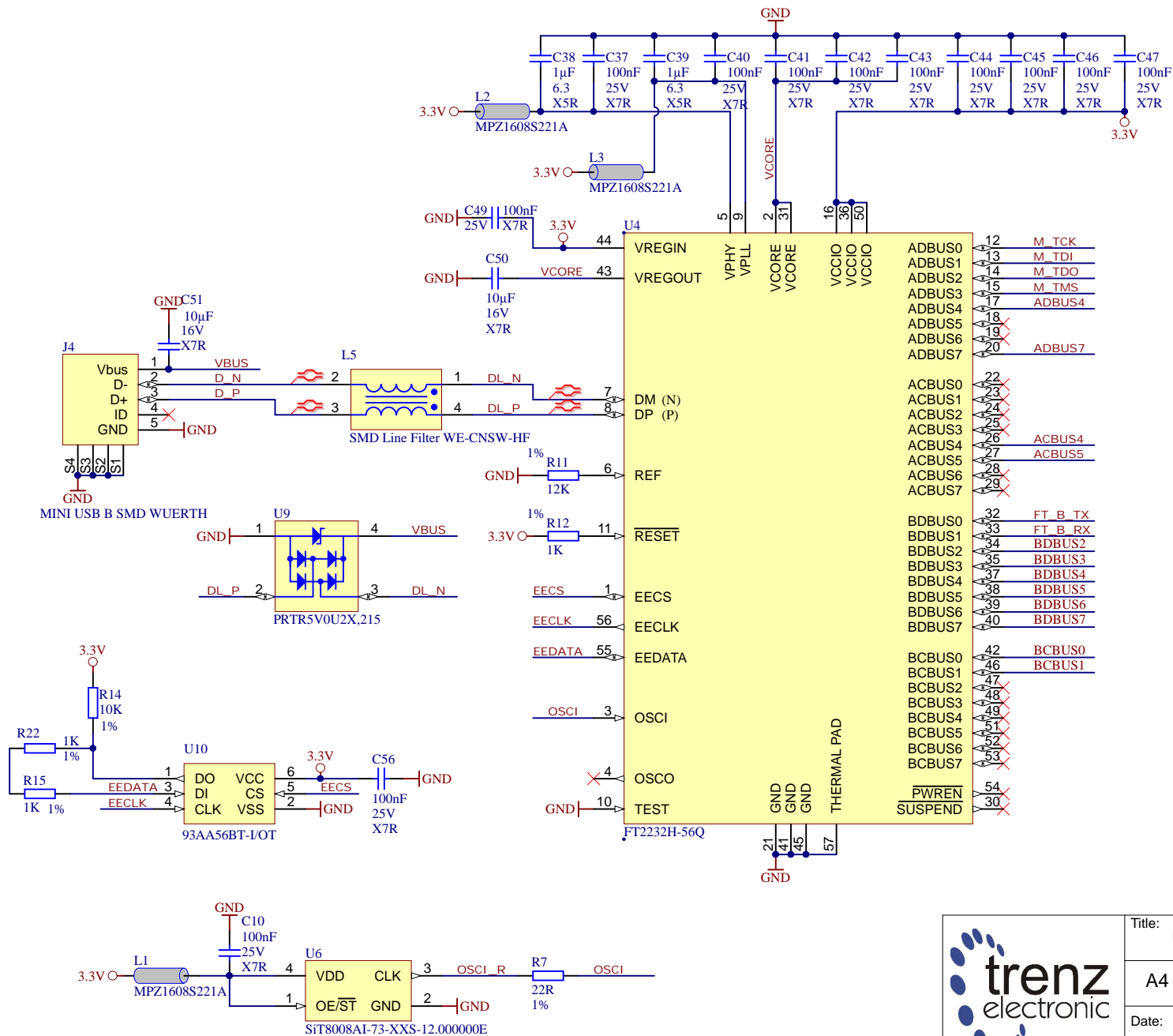
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C

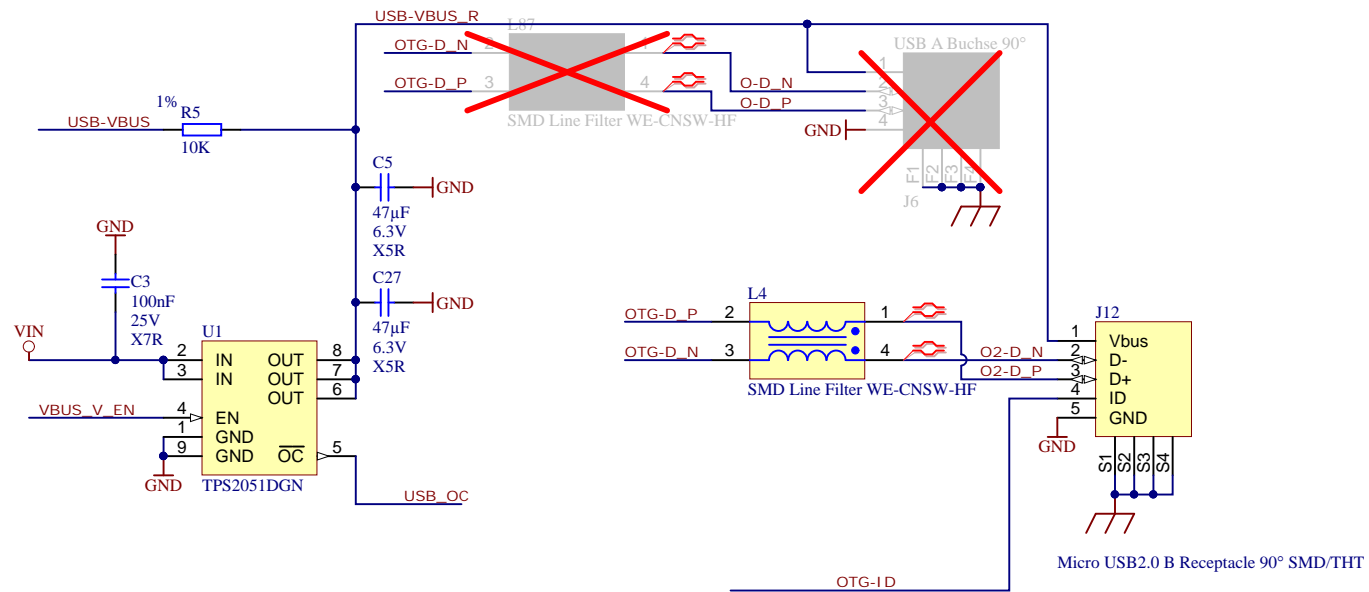
C


D

D



		Title: USB-JTAG	
		A4	Rev. 05
Number: TE0703 TE0703-D		Date: 2016-06-23	Page9 of 11
Copyright: Trenz Electronic GmbH		Filename: FTDI.SchDoc	



		Title: USB	
		A4	Rev. 05
Date: 2016-06-23	Number: TE0703 TE0703-D	Copyright: Trenz Electronic GmbH	Page 10 of 11
Filename: USB.SchDoc			

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A

A

B

B

C


C

D

D

CHANGES REV04 to REV05

- 1) J5 changed to 3 pin jumper to select 3.3V or 1.8V, added 3pin jumpers for each bank
- 2) PWR connector type changed THT->SMD
- 3) changed FT2232 different IC package (56pins)
- 4) changed micro SD-card slot
- 5) changed micro-USB
- 6) added series resistors 10K to FLED0,FLED1 and connect to CPLD
- 7) added serial number (tracebility pad)

		Title: TE0703 - Changes list	
		A4	Number: TE0703 TE0703-D
		Date: 2016-06-23	Rev. 05
		Copyright: Trenz Electronic GmbH	Page11 of 11
		Filename: Revision_Changes.SchDoc	

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