U_FPGA_IO
FPGA_IO.SchDoc

U_B2B_Connector
B2B_Connector.SchDoc

U_FPGA_MGT
FPGA_MGT.SchDoc

U_POWER
POWER.SchDoc

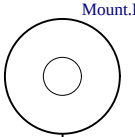
U_FPGA_MISC
FPGA_MISC.SchDoc

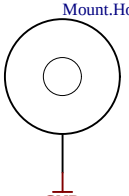
Top of Board

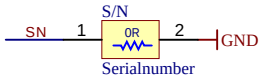

Screw M3x4


Distance Holder M3x8


Screw M3x6



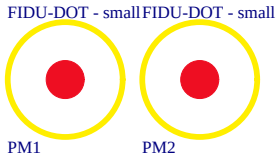


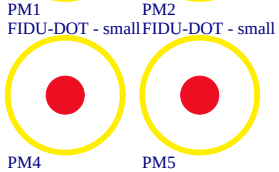


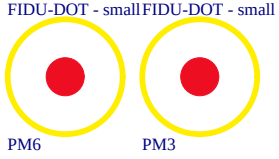
LOGO1

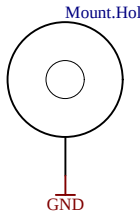
TE Logo PRINT Layer

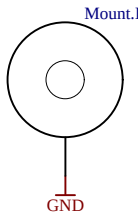
LOGO PRINT









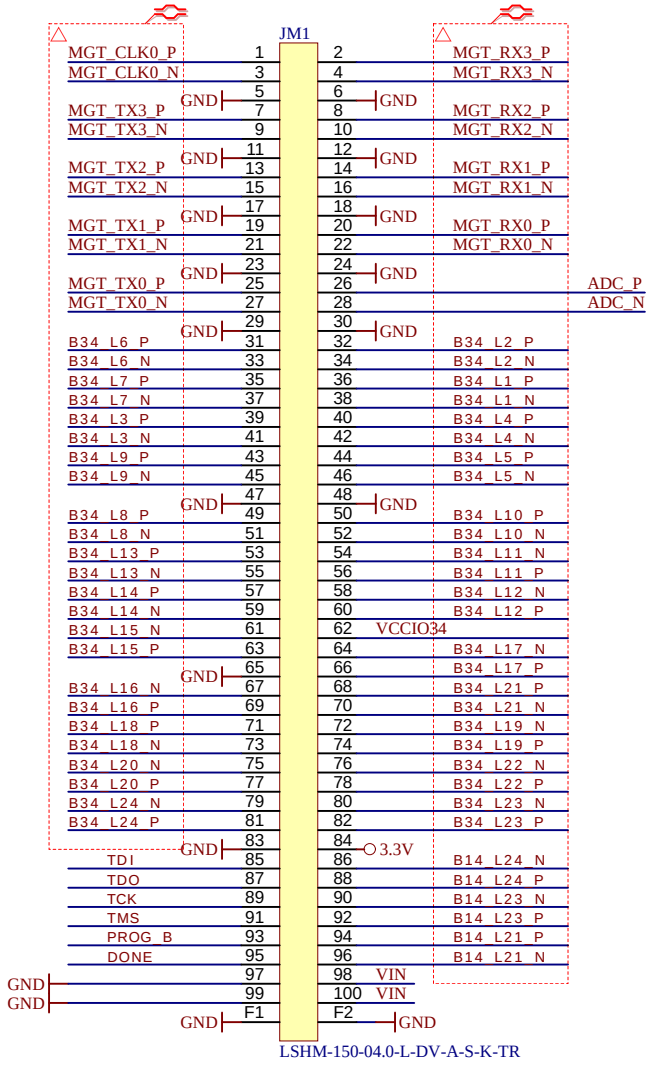


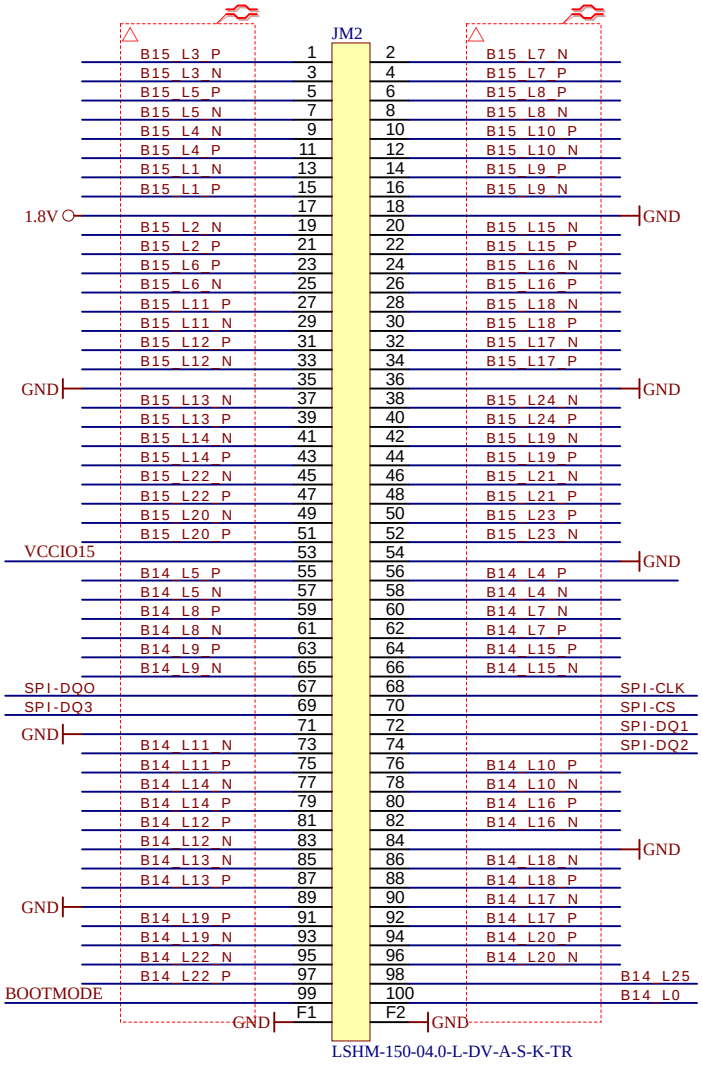

Screw M3x4


Distance Holder M3x8


Screw M3x6

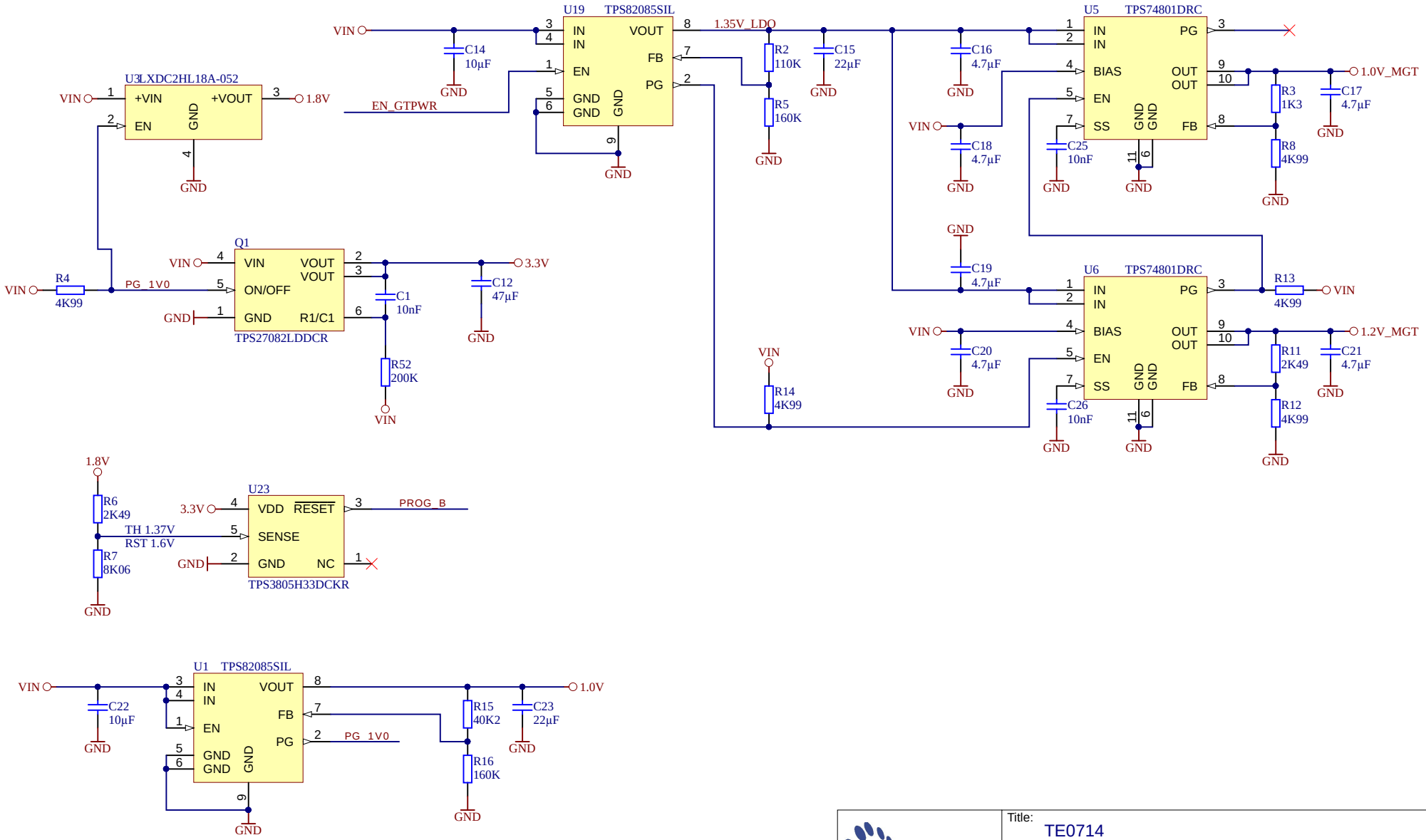
trenz electronic	Title: TE0714		
	A4	Number: 1 TE0714-01-35-2I	Rev. 01
	Date: 2016-03-29	Copyright: Trenz Electronic GmbH / TT	Page1 of 6
	Filename: TE0714.SchDoc		





trenz electronic

Title: TE0714			
A4	Number: 2 TE0714-01-35-2I		Rev. 01
Date: 2016-03-29	Copyright: Trenz Electronic GmbH / TT		Page2 of 6
Filename: B2B_Connector.SchDoc			



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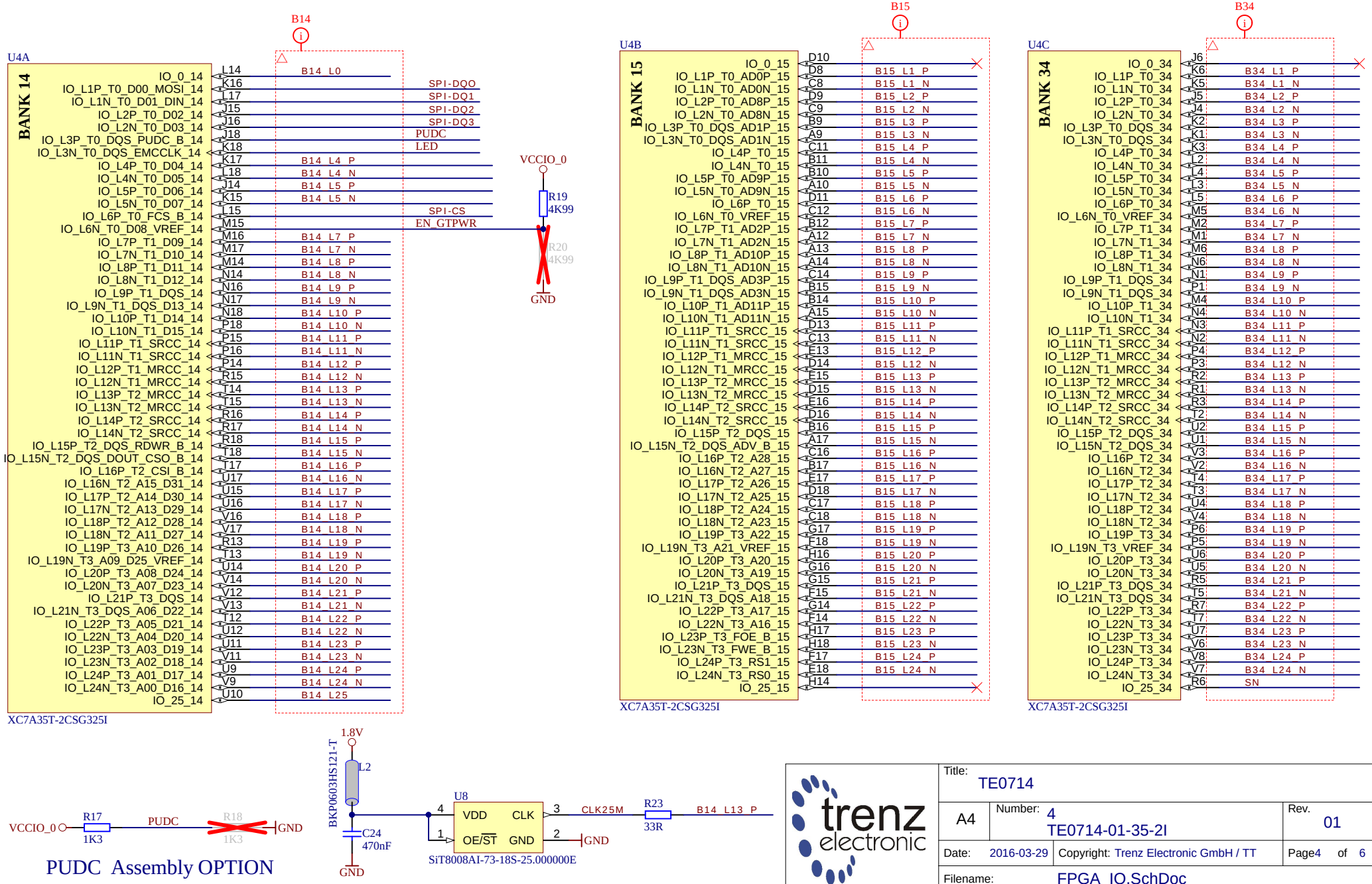
Date: 2016-03-29	Copyright: Trenz Electronic GmbH		Page3 of 6
Filename: POWER.SchDoc			



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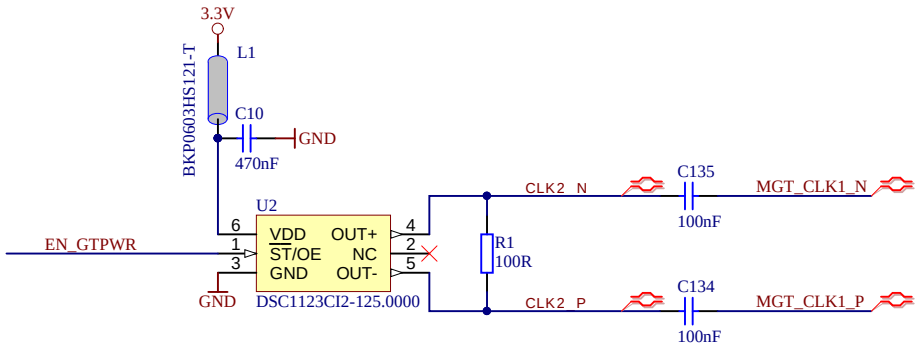
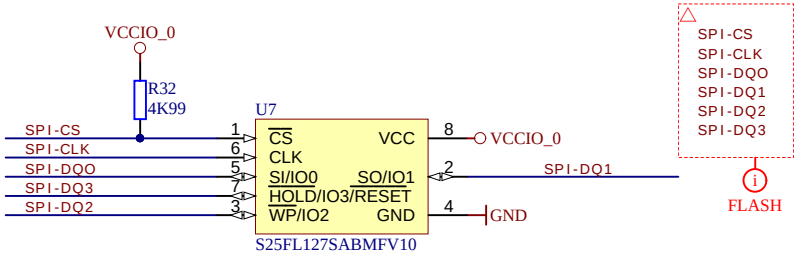
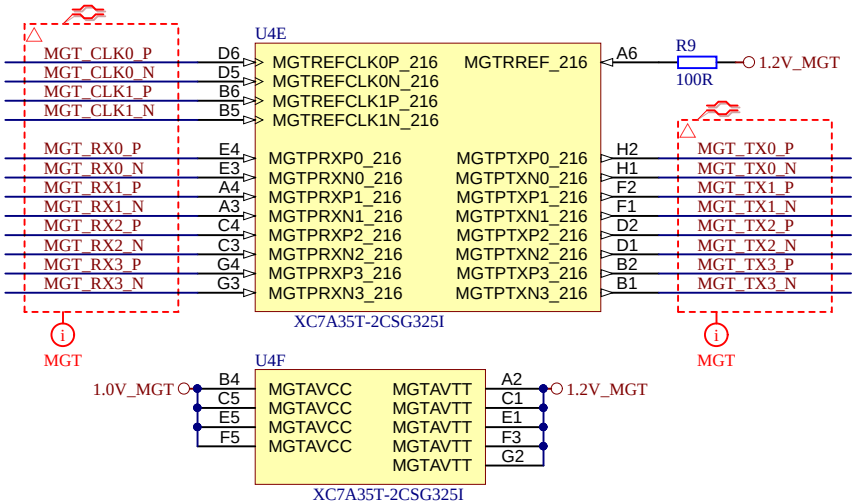
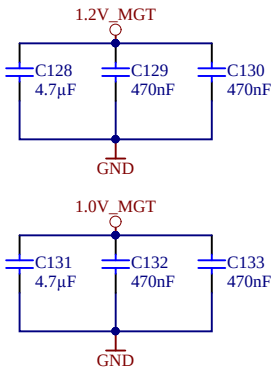
Date: 2016-03-29	Copyright: Trenz Electronic GmbH / TT		Page4 of 6
Filename: FPGA_IO.SchDoc			





OSC FREQ is Assembly OPTION = 125MHZ





trenz electronic	Title: TE0714		
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	Date: 2016-03-29	Copyright: Trenz Electronic GmbH / TT	Page5 of 6
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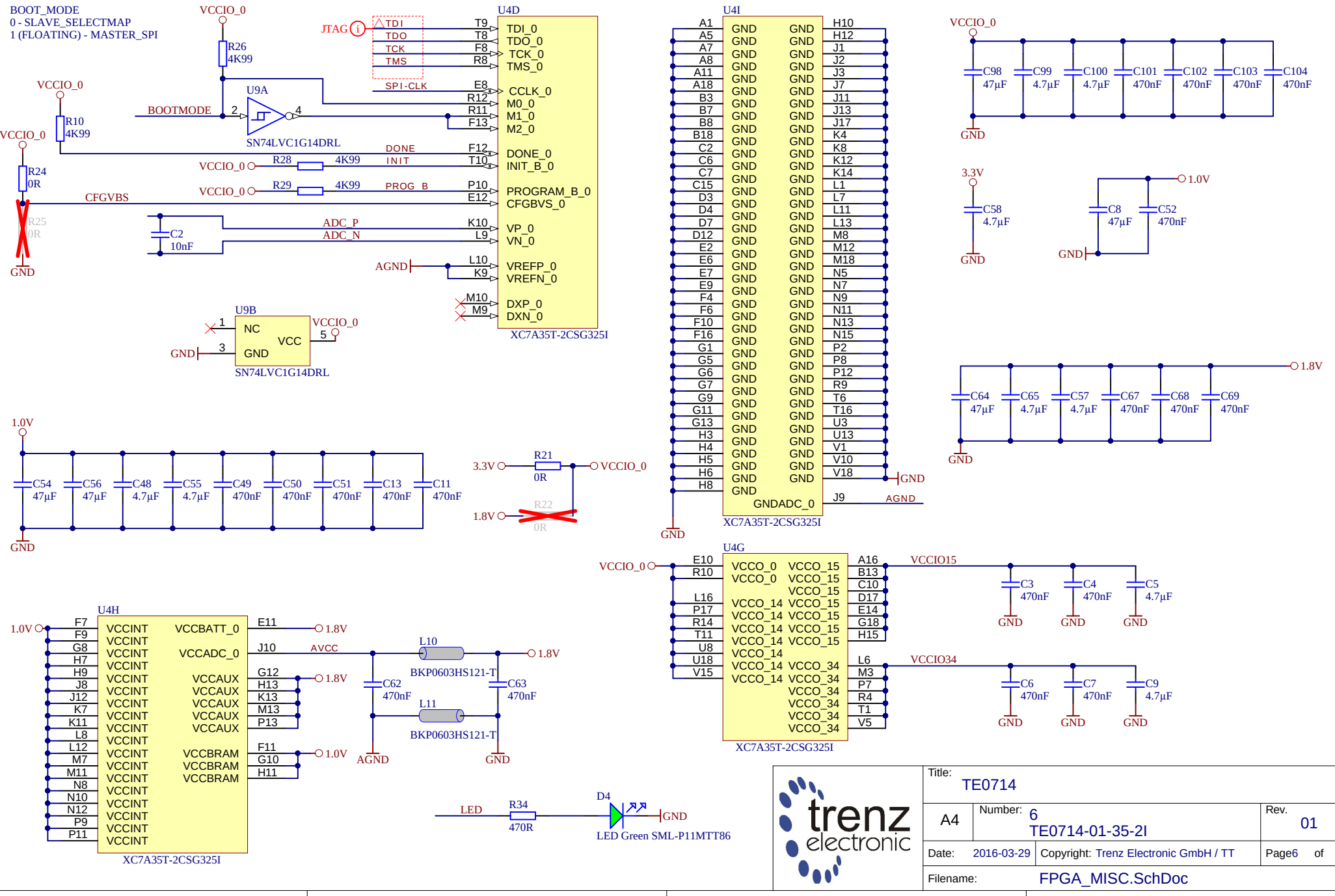
BOOT_MODE
0 - SLAVE_SELECTMAP
1 (FLOATING) - MASTER_SPI
VCCIO_0
R26
4K99
R10
4K99
R24
0R
R25
0R
GND
CFGVBS
BOOTMODE
U9A
SN74LVC1G14DRL
JTAG
TDI
TDO
TCK
TMS
SPI-CLK
DONE
INIT
PROG_B
R28
R29
4K99
C2
10nF
ADC_P
ADC_N
AGND
U4D
TDI_0
TDO_0
TCK_0
TMS_0
CCLK_0
M0_0
M1_0
M2_0
DONE_0
INIT_B_0
PROGRAM_B_0
CFGBVS_0
VP_0
VN_0
VREFP_0
VREFN_0
DXP_0
DXN_0
XC7A35T-2CSG325I
U9B
NC
VCC
GND
SN74LVC1G14DRL
U4I
GNDADC_0
J9
AGND
XC7A35T-2CSG325I
C98
47µF
C99
4.7µF
C100
4.7µF
C101
470nF
C102
470nF
C103
470nF
C104
470nF
3.3V
C58
4.7µF
C8
47µF
C52
470nF
1.0V
C64
47µF
C65
4.7µF
C57
4.7µF
C67
470nF
C68
470nF
C69
470nF
1.8V
C54
47µF
C56
47µF
C48
4.7µF
C55
4.7µF
C49
470nF
C50
470nF
C51
470nF
C13
470nF
C11
470nF
R21
0R
R22
0R
U4G
VCCO_0
VCCO_14
VCCO_15
VCCO_34
VCCIO15
VCCIO34
C3
470nF
C4
470nF
C5
4.7µF
C6
470nF
C7
470nF
C9
4.7µF
U4H
VCCINT
VCCBATT_0
VCCADC_0
VCCAUX
VCCBRAM
AVCC
L10
L11
BKP0603HS121-T
C62
470nF
C63
470nF
XC7A35T-2CSG325I
LED
R34
470R
D4
LED Green SML-P11MTT86
trenz electronic
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A4
Number: 6
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Date: 2016-03-29
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