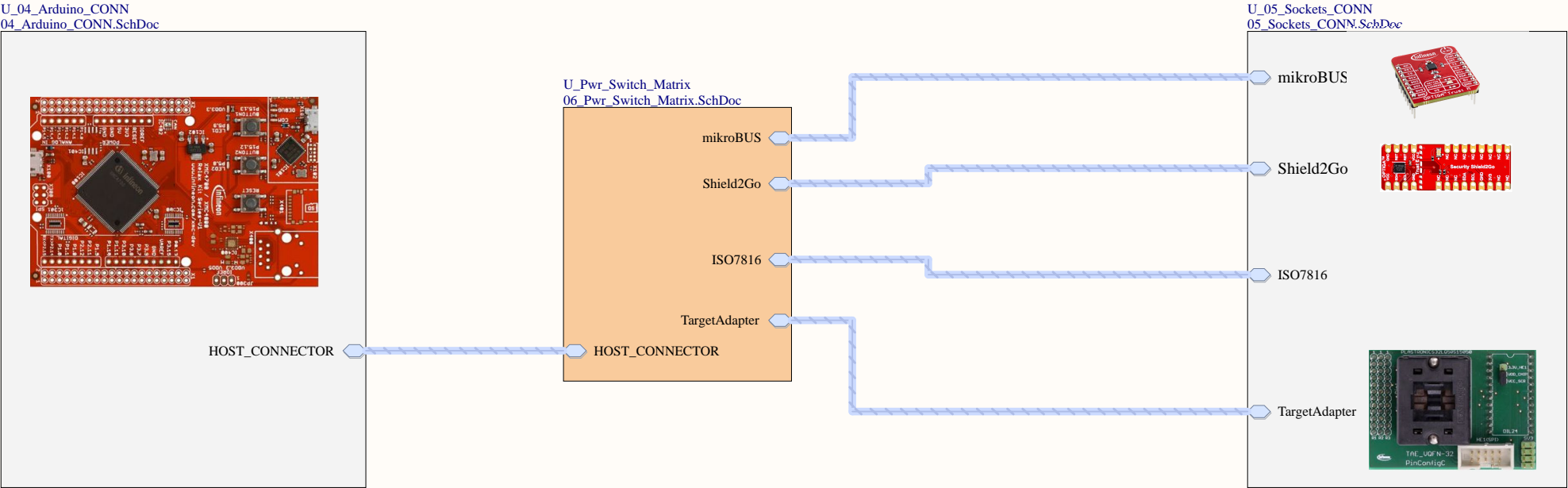
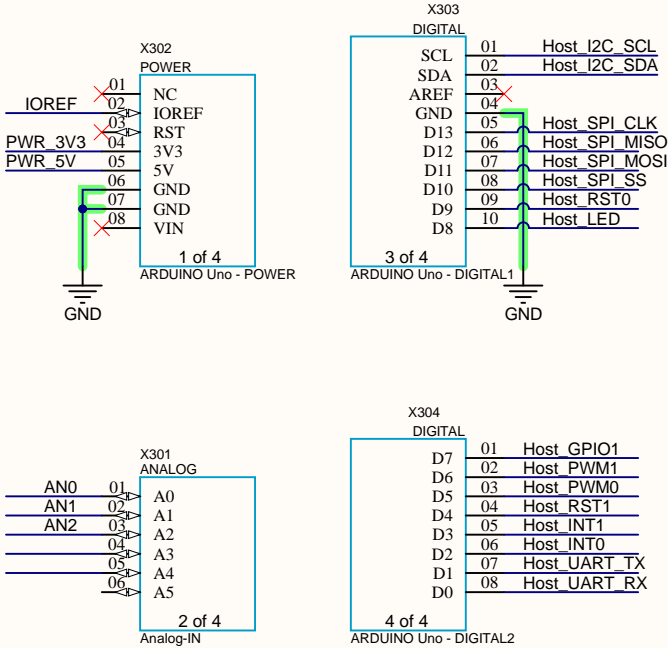
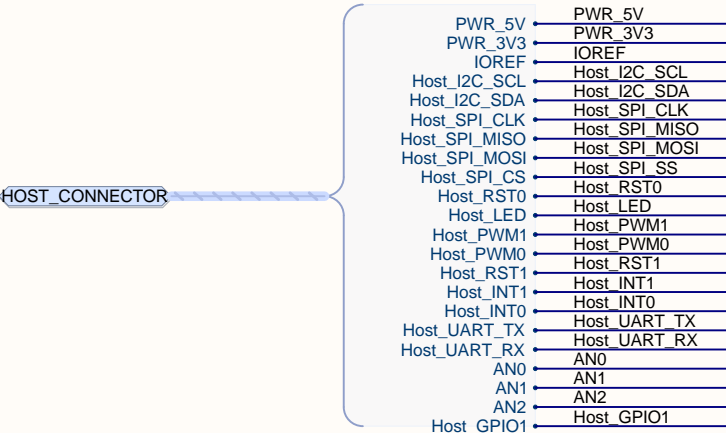


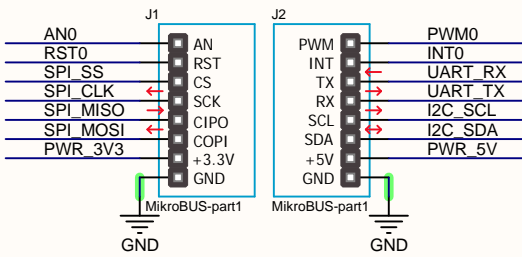
03_Top_Level.SchDoc



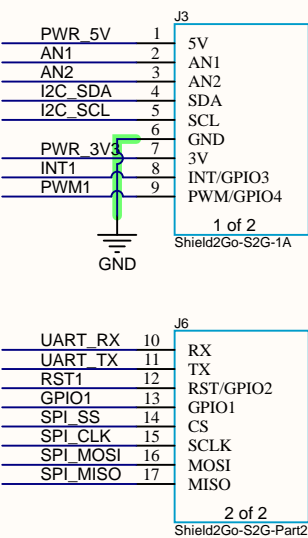
Arduino Compatible Connectors



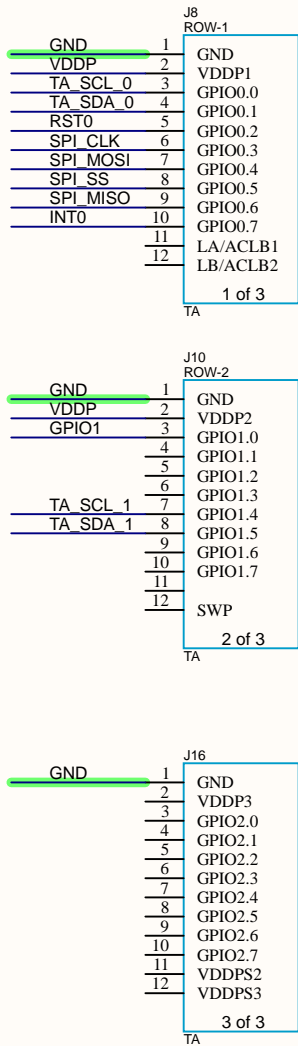
mikroBUS - Connector



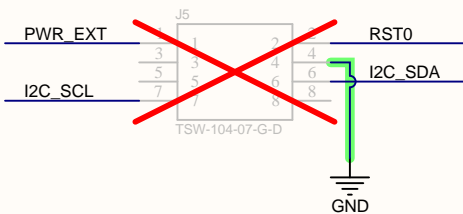
Shield2Go - Connector



Target Adapter - Connector



ISO7816



mikroBUS

mikroBUS - Connector

PWR_5V	PWR_5V
PWR_3V3	PWR_3V3
I2C_SDA	I2C_SDA
I2C_SCL	I2C_SCL
SPI_SS	SPI_SS
SPI_CLK	SPI_CLK
SPI_MISO	SPI_MISO
SPI_MOSI	SPI_MOSI
INT0	INT0
UART_TX	UART_TX
UART_RX	UART_RX
PWM0	PWM0
AN0	AN0
RST0	RST0

Shield2Go

Shield2Go - Connector

PWR_5V	PWR_5V
PWR_3V3	PWR_3V3
I2C_SDA	I2C_SDA
I2C_SCL	I2C_SCL
SPI_SS	SPI_SS
SPI_CLK	SPI_CLK
SPI_MISO	SPI_MISO
SPI_MOSI	SPI_MOSI
INT1	INT1
AN1	AN1
AN2	AN2
PWM1	PWM1
RST1	RST1
UART_RX	UART_RX
UART_TX	UART_TX
GPIO1	GPIO1

TargetAdapter

AdapterSocket - Connector

VDDP	VDDP
TA_SCL_0	TA_SCL_0
TA_SDA_0	TA_SDA_0
RST	RST0
SPI_CLK	SPI_CLK
SPI_MOSI	SPI_MOSI
SPI_SS	SPI_SS
SPI_MISO	SPI_MISO
INT0	INT0
GPIO1	GPIO1
TA_SCL_1	TA_SCL_1
TA_SDA_1	TA_SDA_1

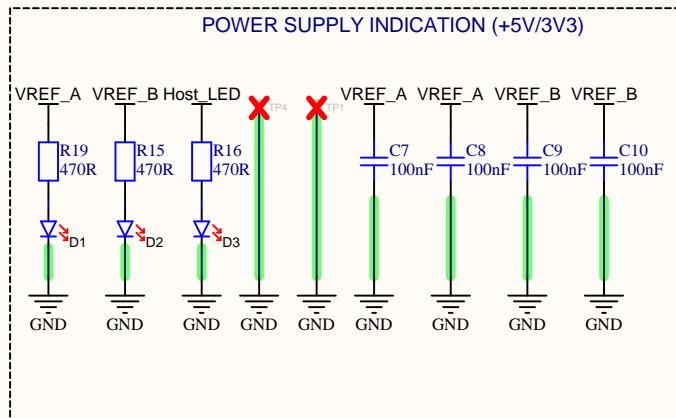
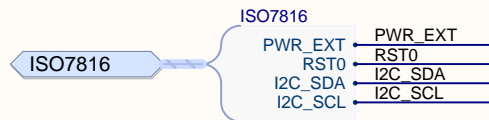
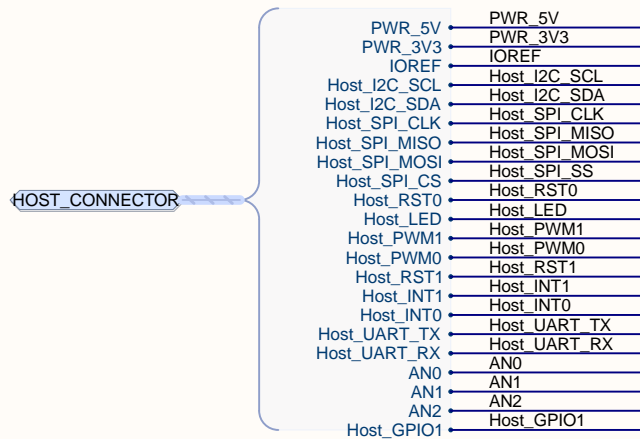
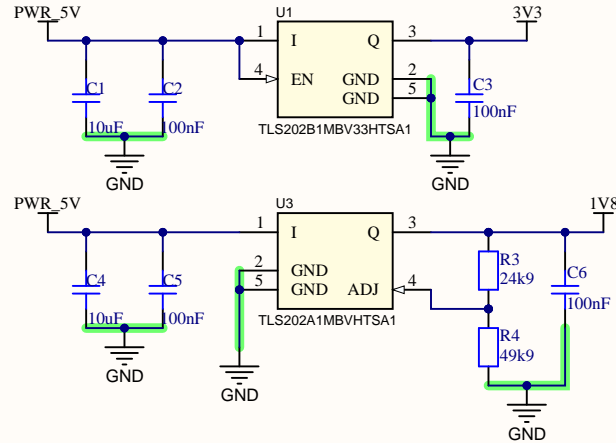
ISO7816

ISO7816

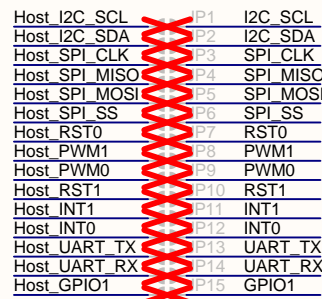
PWR_EXT	PWR_EXT
RST0	RST0
I2C_SDA	I2C_SDA
I2C_SCL	I2C_SCL

06_Pwr_Switch_Matrix.SchDoc

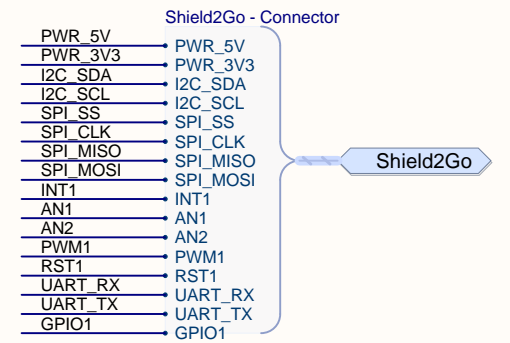
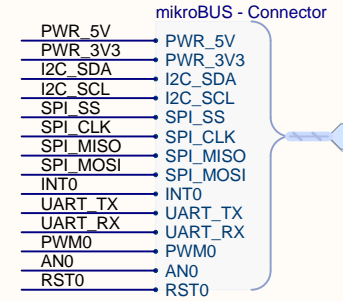
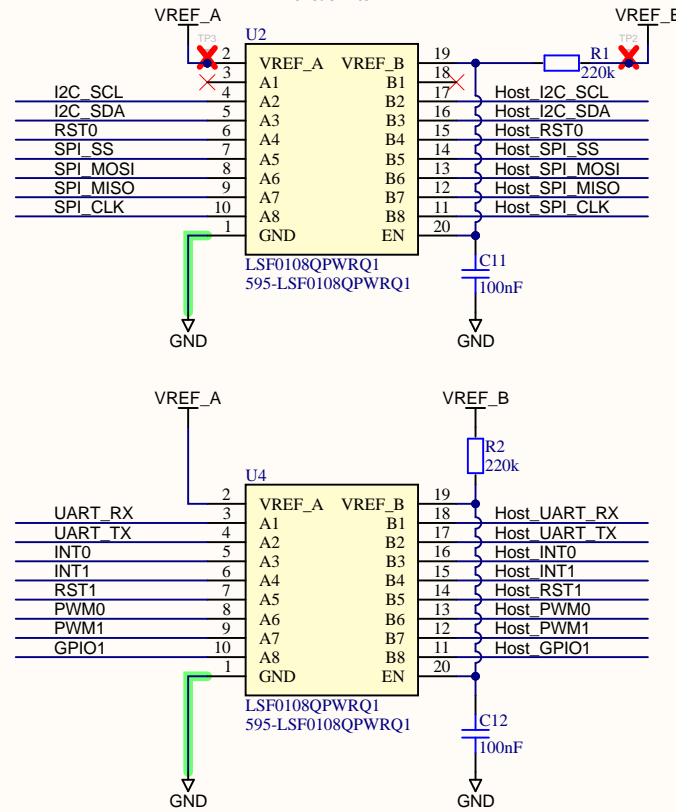
Voltage Regulator 3,3V & 1,8V



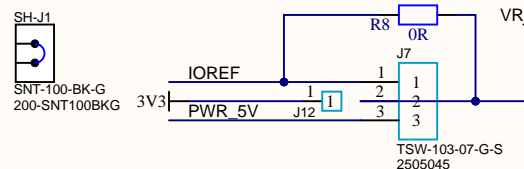
Level Shifter Bypass



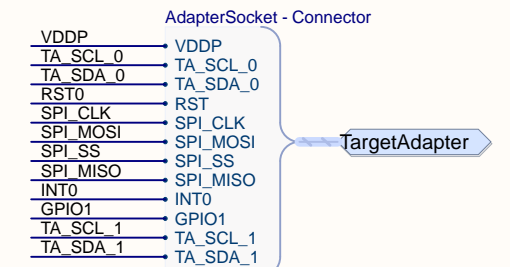
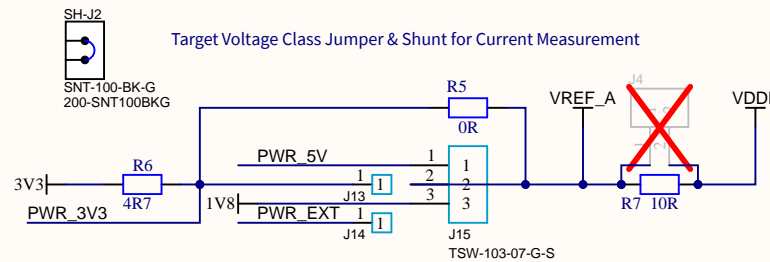
Level Shifter



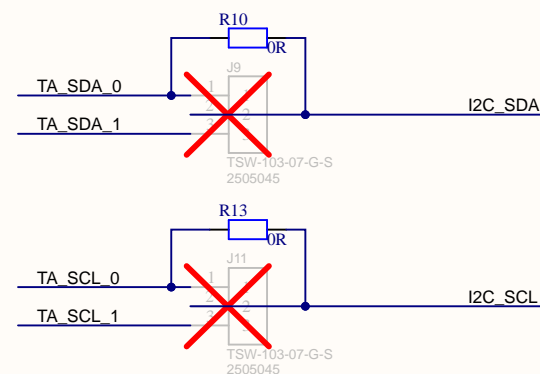
Host Voltage Class Jumper



Target Voltage Class Jumper & Shunt for Current Measurement



I2C Jumper



<div><div><div></div><div>Infineon Technologies AG</div><div>IFX</div><div>Babenbergerstraße 10, 8020 Graz, Österreich</div></div></div>			
TitleIFXCSS-0058 OPTIGA Trust-Adapter			
Variant			Approved<Appr.>
Size:A3	Document Name06_Pwr_Switch_Matrix.SchDoc	Rel.RC1.1	Rev.V1.1
Author: IFX			
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