

Schematic/Assembly Revision			
Rev.	Description	Date	By
1	Initial Release	19/04/2024	ASOH
B	ES Release	19/07/2027	ASOH

U_EVK-NORA-W4_SCHEM_0005_MikroE_ULED
EVK-NORA-W4_SCHEM_0005_MikroE_ULED.SchDoc

U_EVK-NORA-W4_SCHEM_0002_NORA_Module
EVK-NORA-W4_SCHEM_0002_NORA_Module.SchDoc

U_EVK-NORA-W4_SCHEM_0004_Debug_Memory
EVK-NORA-W4_SCHEM_0004_Debug_Memory.SchDoc

U_EVK-NORA-W4_SCHEM_0003_USBhub_FTDI
EVK-NORA-W4_SCHEM_0003_USBhub_FTDI.SchDoc

U_EVK-NORA-W4_SCHEM_0001_Power
EVK-NORA-W4_SCHEM_0001_Power.SchDoc


- FID1

FID2

FID3
- FID4

FID5

FID6

 C3-Confidential	Project: TE-EG3		PCB: UBXH60-0001145	Revision: B
	Part Num: [No Variations]		PCBA:	Size: A3
	Author: ASOH	EVK-NORA-W4_SCHEM_0000_Topsheet.SchDoc		Page:
	Team: u-blox AG	Sch Num:	Release Date: 19/04/2024	1 / 6

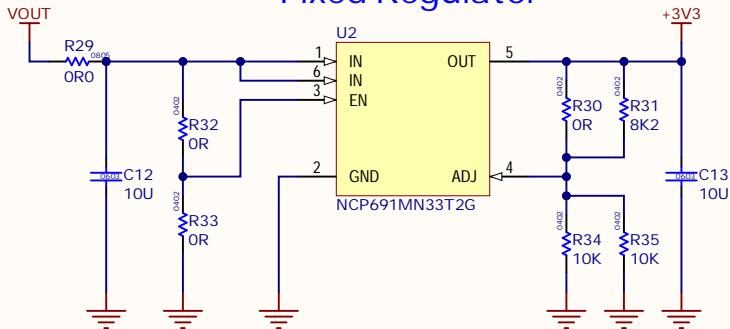
U2 can be populated with the following alternatives:
NCP690MN33, Vout = 3.3 V, EN = nc
NCP690MNADJ, Vout = adjustable, EN = nc
NCP691MN33, Vout = 3.3 V, EN = low
NCP691MNADJ, Vout = adjustable, EN = low
NCP692MN33, Vout = 3.3 V, EN = high
NCP692MNADJ, Vout = adjustable, EN = high

Resistor population

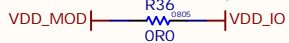
U2 version	R30	R31	R32	R33	R34	R35
NCP690MN33	yes	no	no	no	no	no
NCP690MNADJ	no	yes	no	no	yes	yes
NCP691MN33	yes	no	no	yes	no	no
NCP691MNADJ	no	yes	no	yes	yes	yes
NCP692MN33	yes	no	yes	no	no	no
NCP692MNADJ	no	yes	yes	no	yes	yes

Peripherals power supply

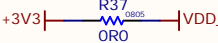
Fixed Regulator



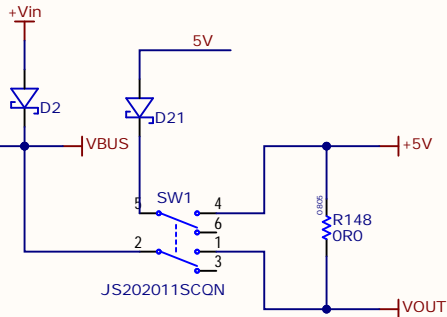
Module VDD and VIO separator



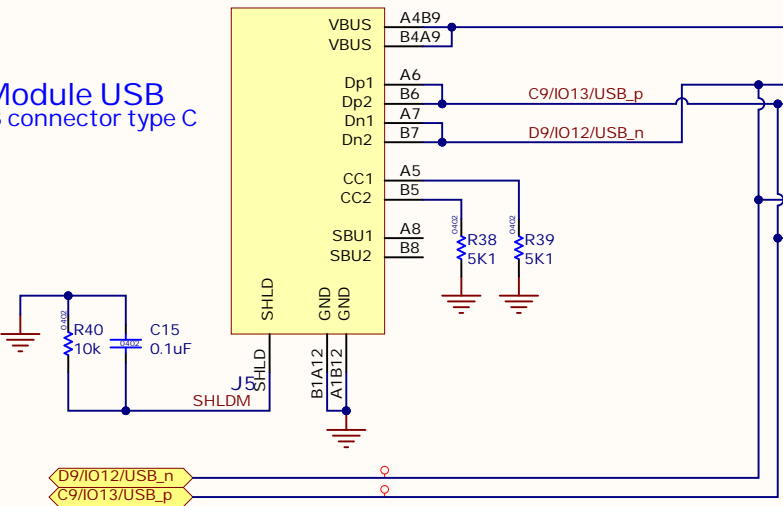
Module VDD from LDO



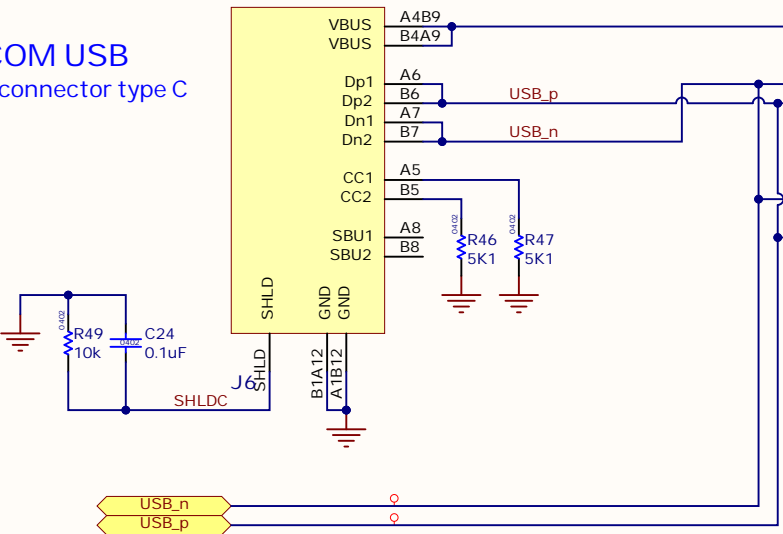
Power On/Off Switch



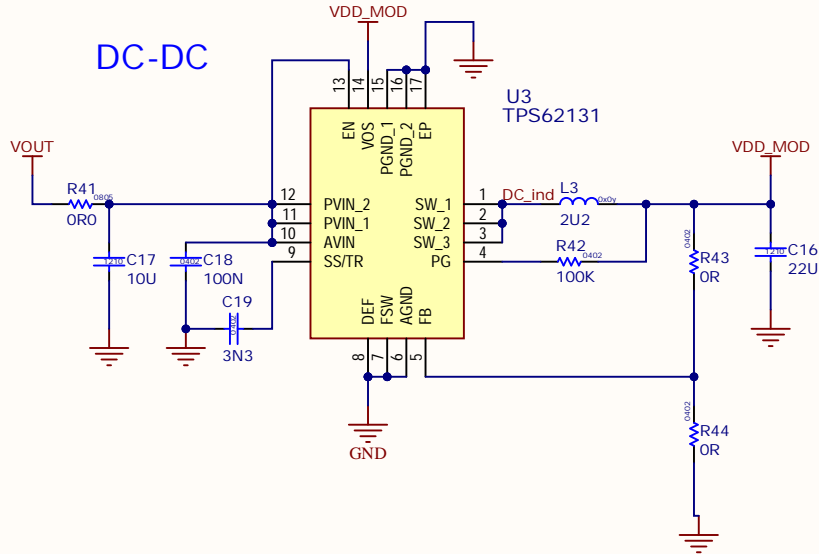
Module USB USB connector type C



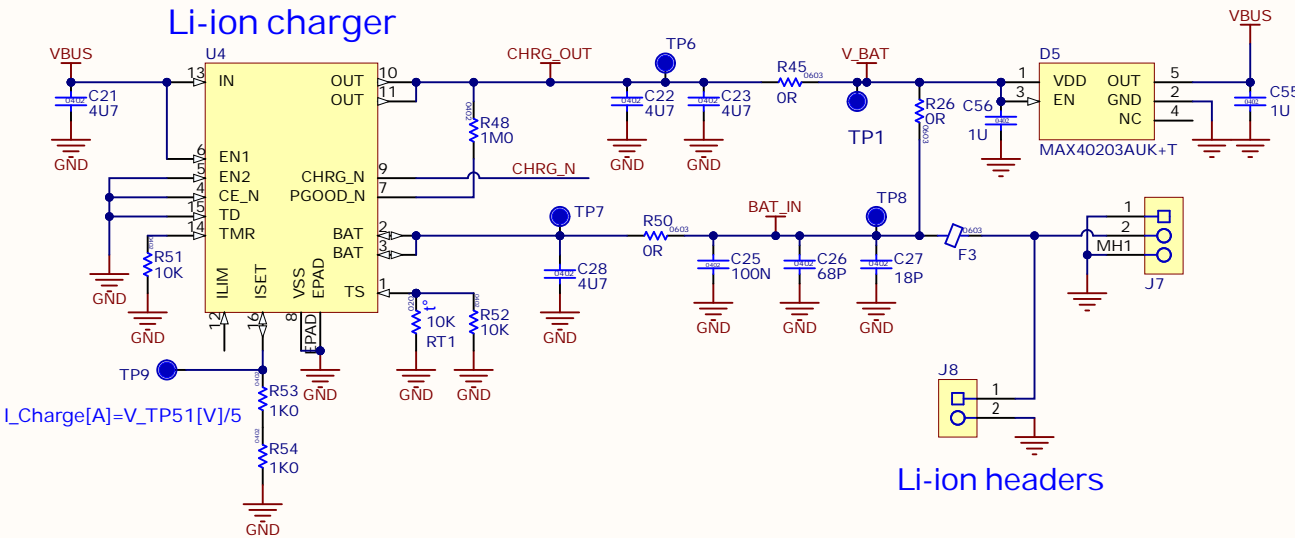
COM USB USB connector type C



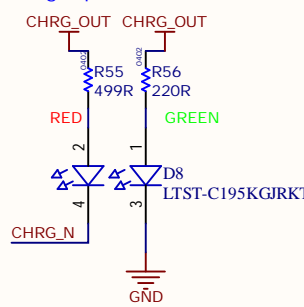
DC-DC



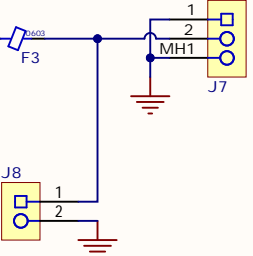
Li-ion charger

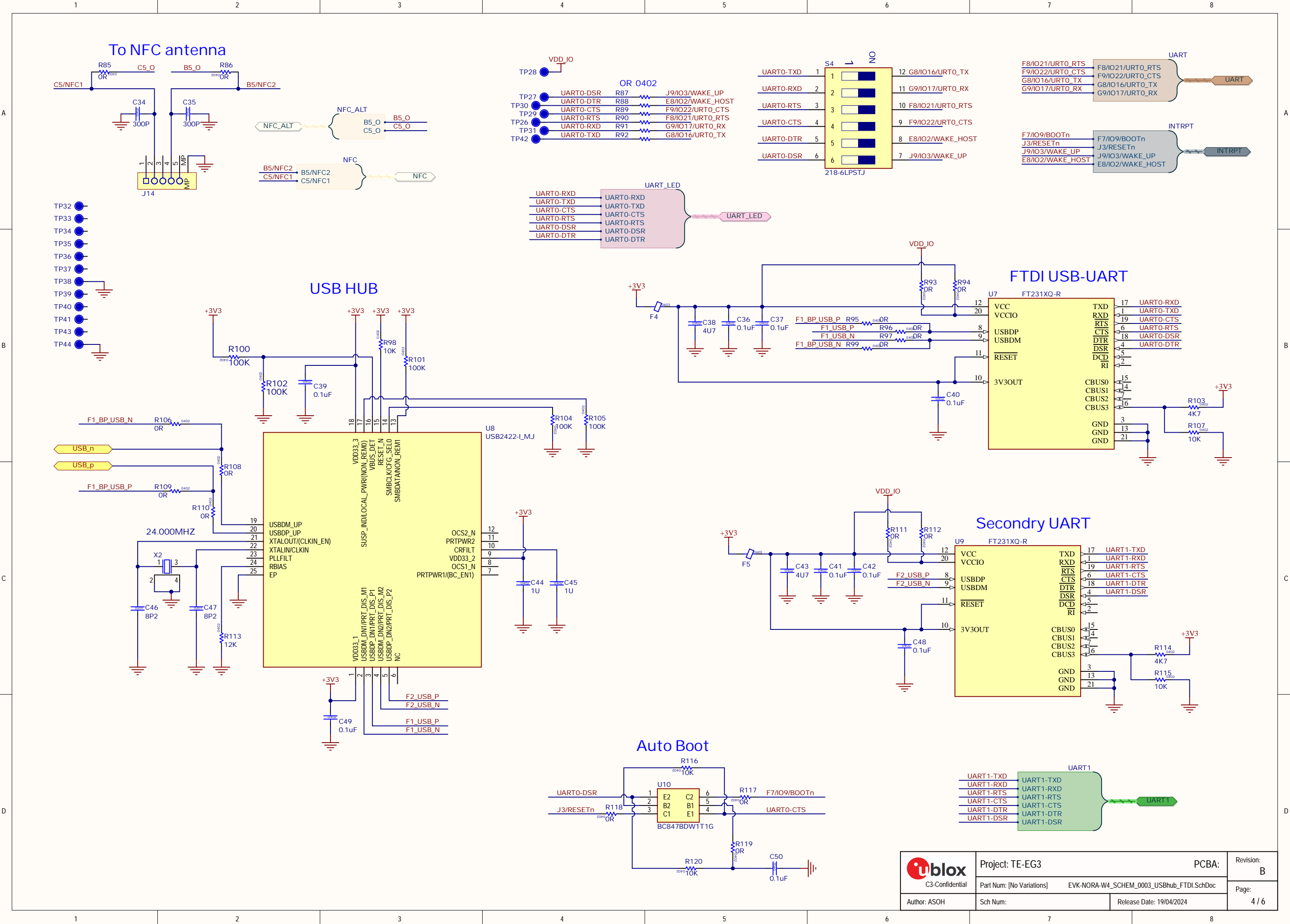


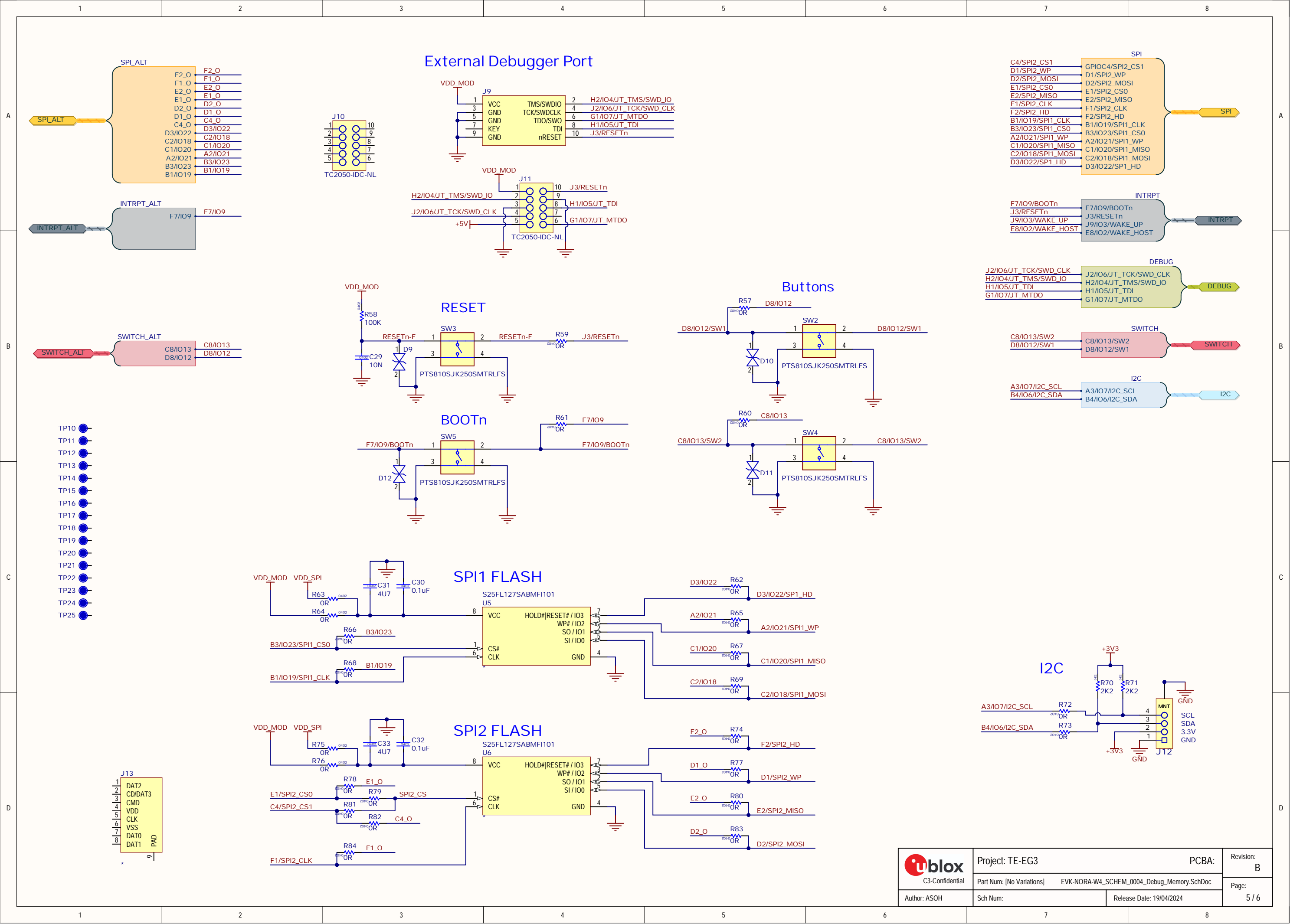
Charge / power indicator



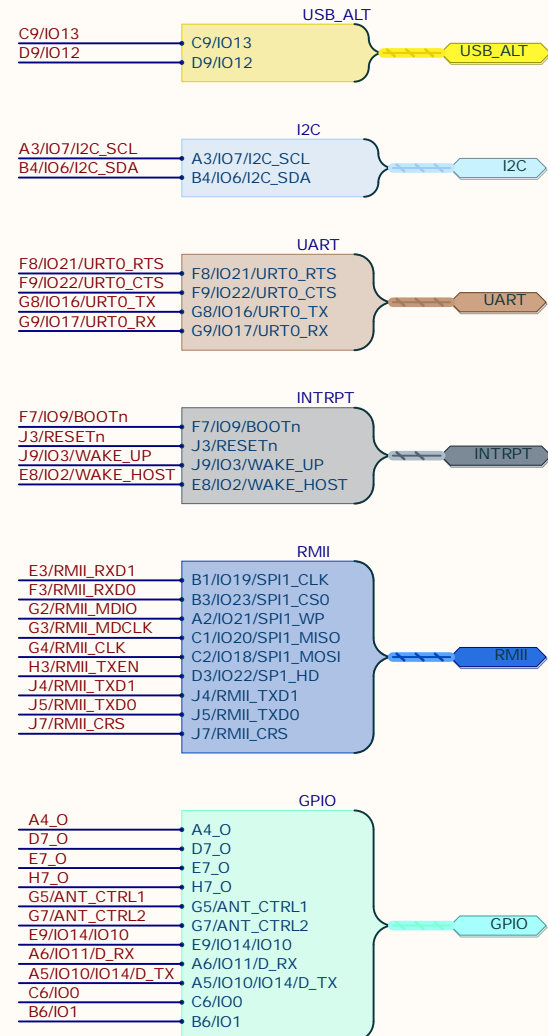
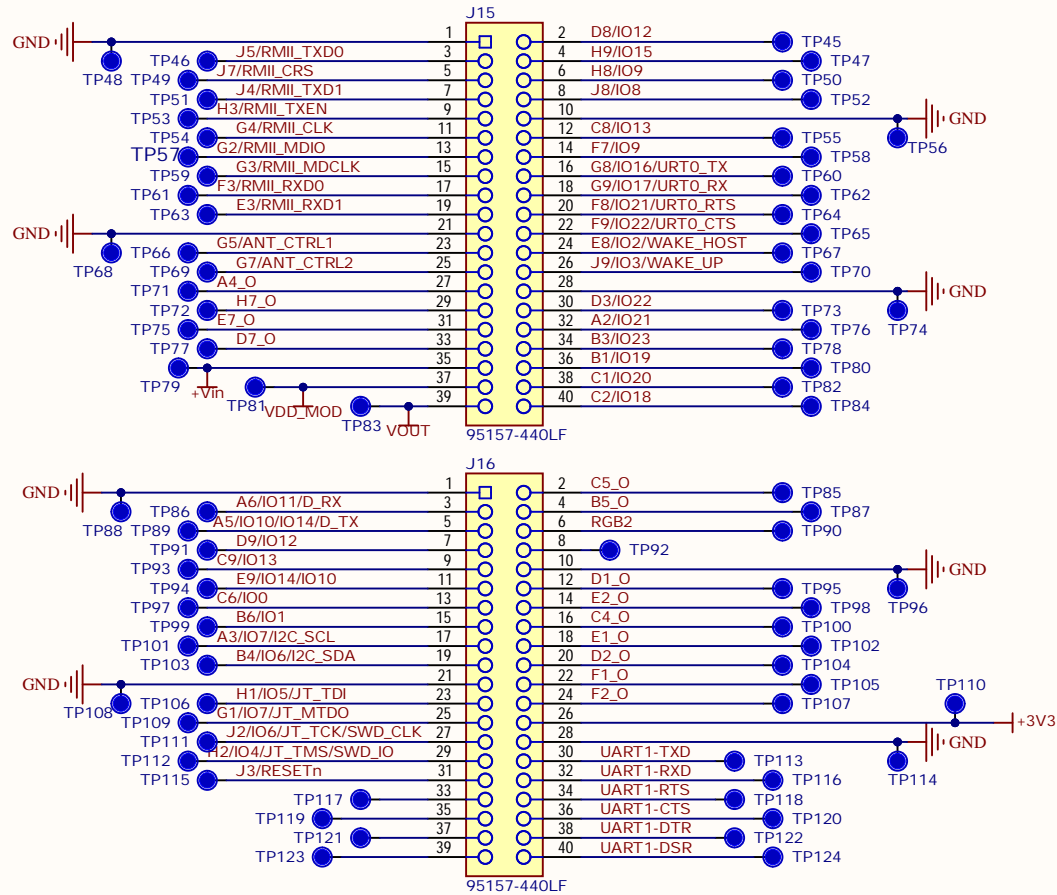
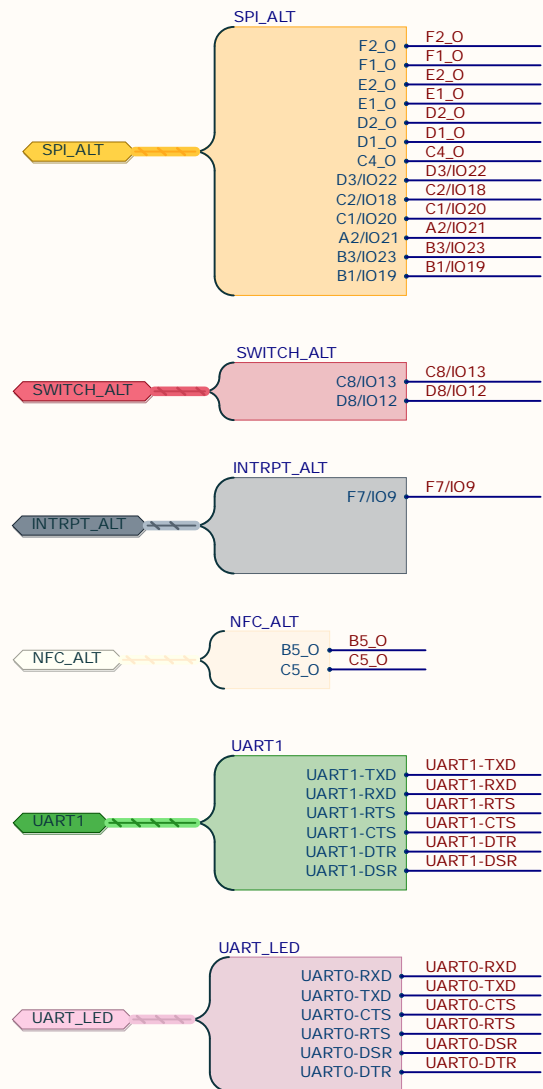
Li-ion headers



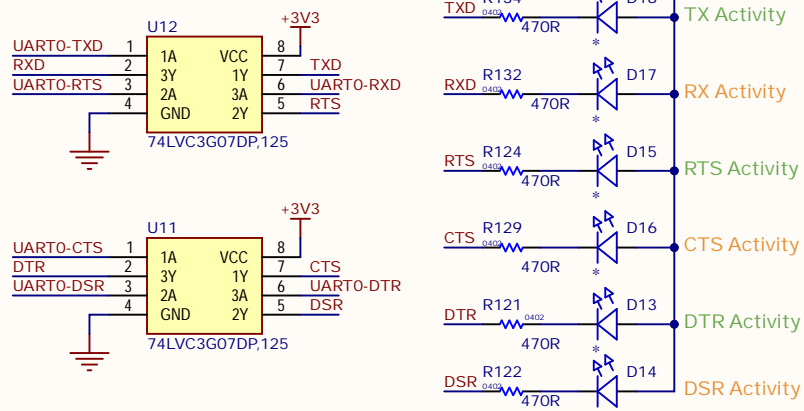




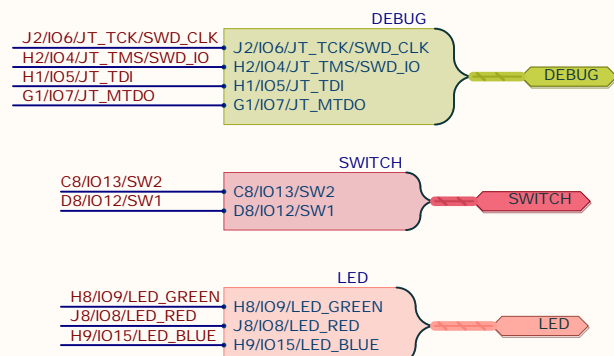
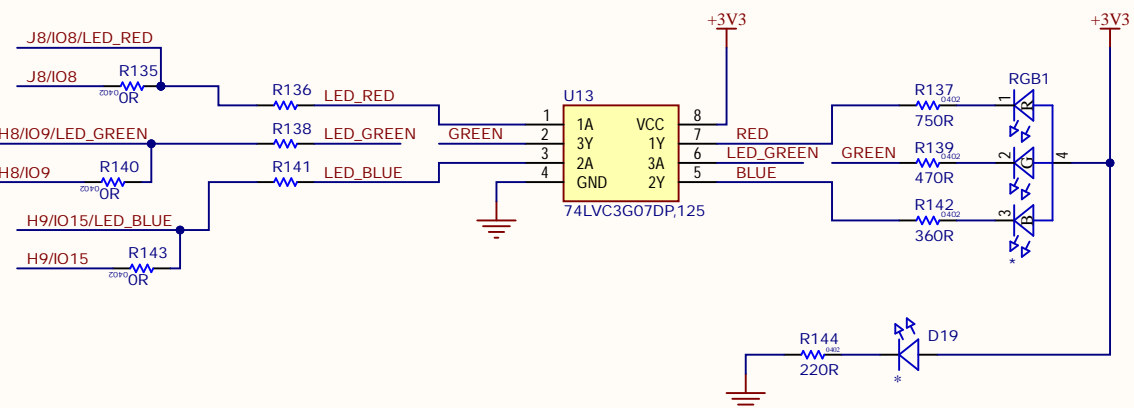
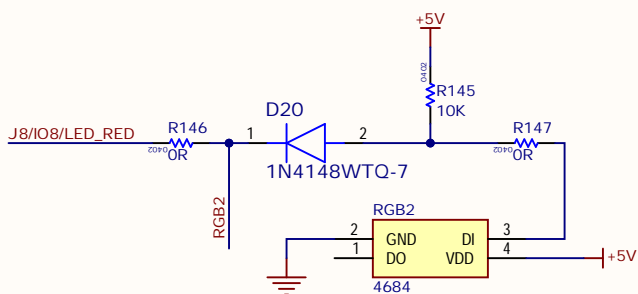
HEADERS



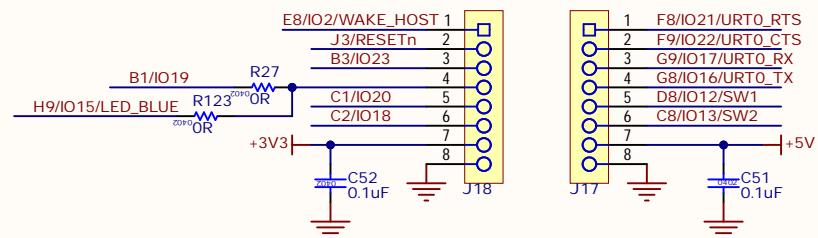
UART status LED



LEDs



MikroBUS 2



MikroBUS 1

