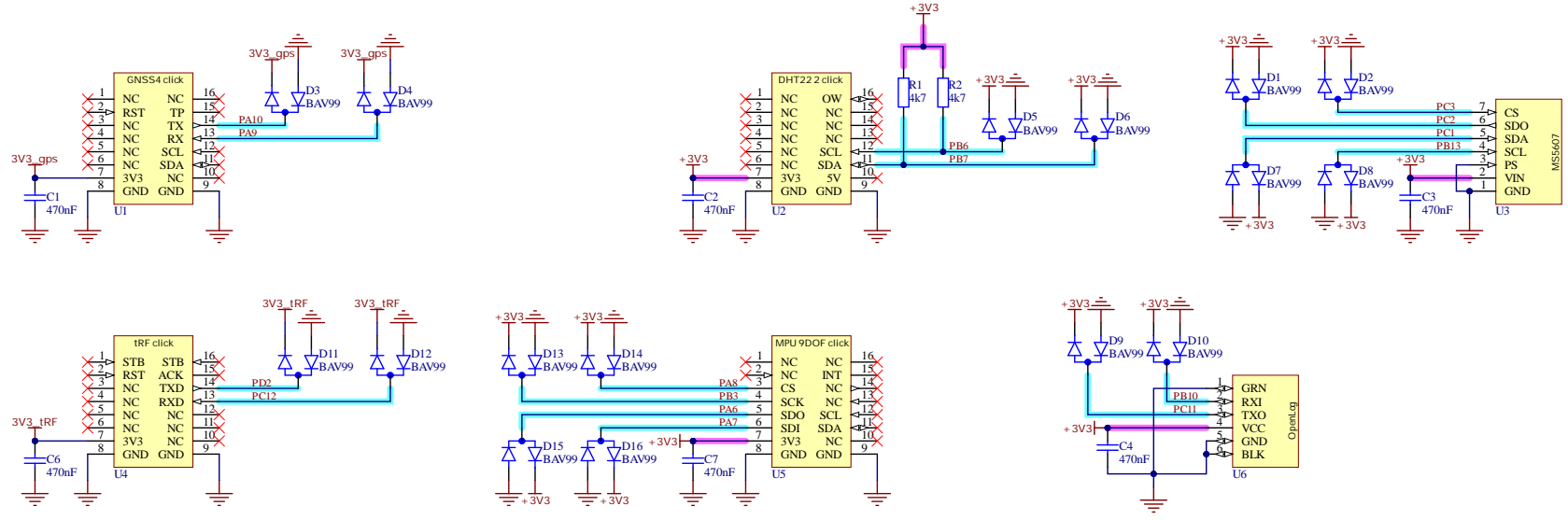
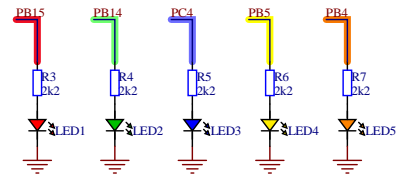
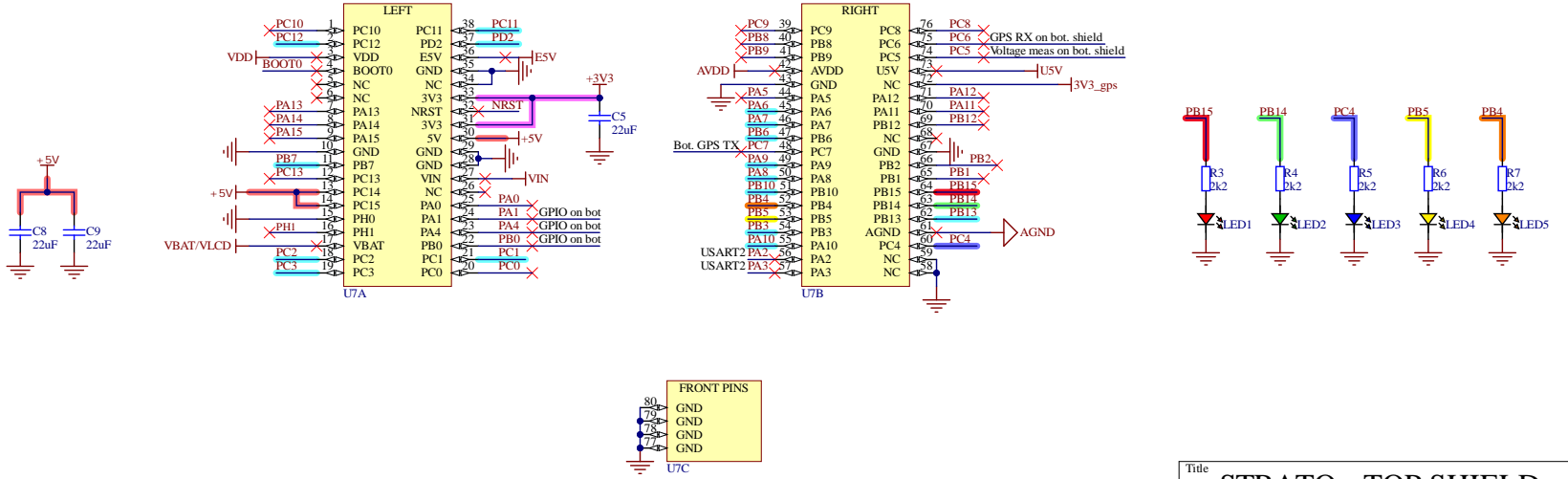


U_PSU
PSU.SchDoc

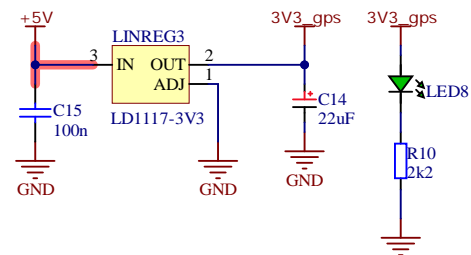
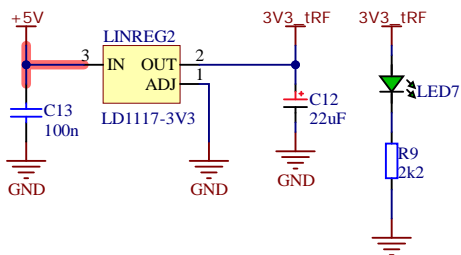
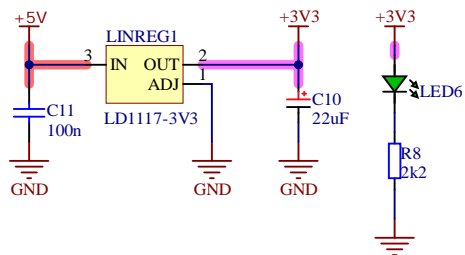
+ 3V3
3V3_1RF
+ 3V3



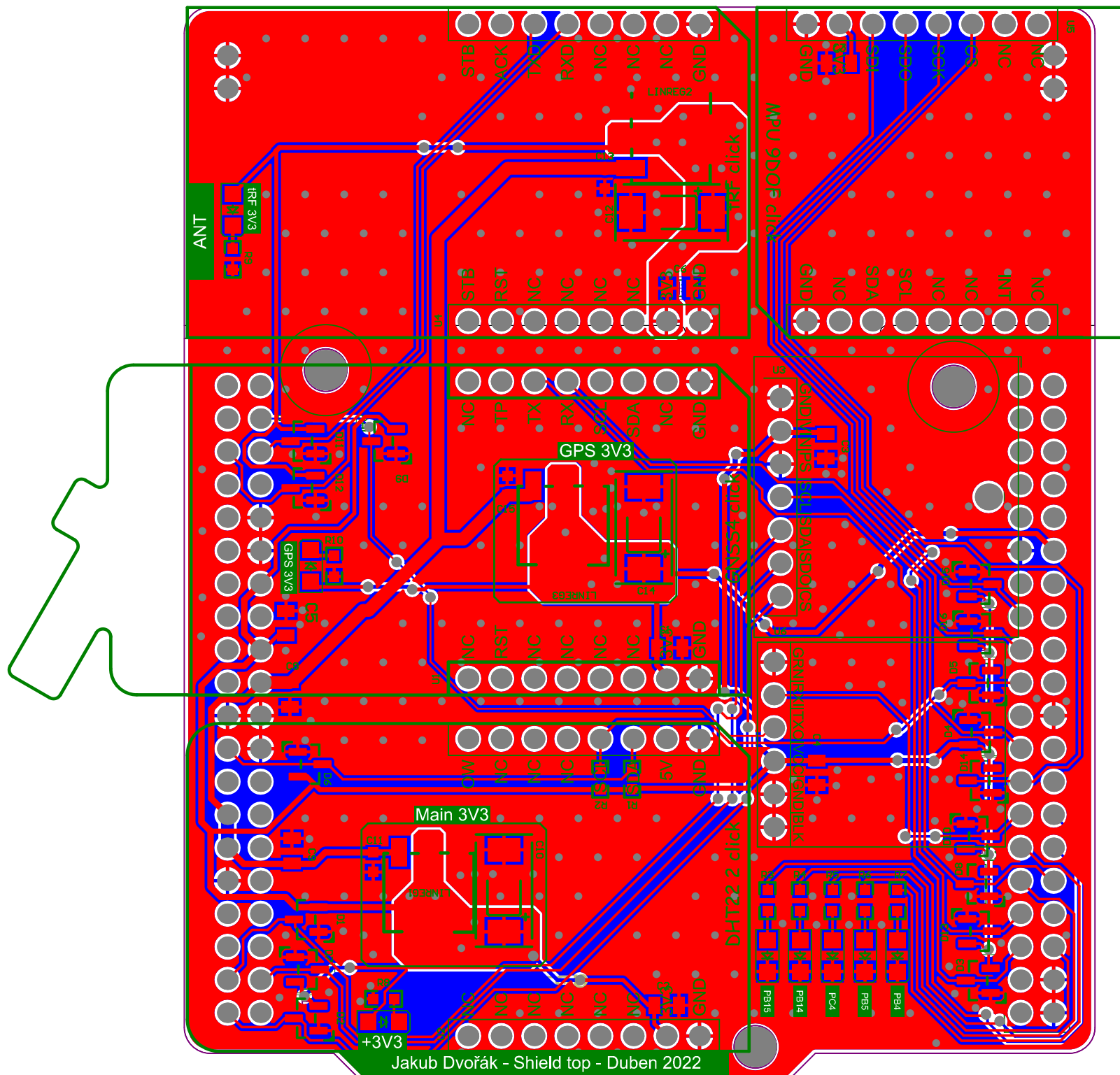
Morpho connector



Title		
STRATO - TOP SHIELD - main		
Size	Number	Revision
A3		1.0
Date:	2022/5/20	Sheet of 1/2
File:	C:\Users\...\main.SchDoc	Drawn By: Jakub Dvorák



Title			STRATO - TOP SHIELD - PSU	
Size	Number		Revision	
A4			1.0	
Date:	2022/5/20		Sheet of	2/2
File:	C:\Users\...\PSU.SchDoc		Drawn By:	Jakub Dvořák



Comment	Description	Designator	Footprint	LibRef	Quantity
470nF	WCAP-CSGP Multilayer Ceramic Chip Capacitor, General Purpose, size 0805, X7R, 470nF, 50V	C1, C2, C3, C4, C6, C7	WCAP- CSGP_0805_L2W1.25 H1.25	885012207102	6
22uF	WCAP-CSGP Multilayer Ceramic Chip Capacitor, General Purpose, size 0805, X5R, 22uF, 10V	C5, C8, C9	WCAP- CSGP_0805_L2W1.25 H1.25	885012107011	3
22uF	CAPT 22u 35V case-E tatal	C10, C12, C14	CAP E-CASE TANTAL	CAPT_22u_35V_E	3
100n	WCAP-CSGP Multilayer Ceramic Chip Capacitor, General Purpose, size 0603, X7R, 100nF, 25V	C11, C13, C15	WCAP- CSGP_0603_L1.6W0.8 H0.8_Reflow	885012206071R	3
BAV99		D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16	SOT95P230X110- 3N(SOT23)	BAV99	16
red		LED1	0805LEDR	LEDR_0805	1
green		LED2, LED6, LED7, LED8	0805LEDG	LEDG_0805	4
blue		LED3	0805LEDB	LEDB_0805	1
yellow		LED4	0805LEDYell	LEDYell_0805	1
orange		LED5	0805LEDOra	LEDOra_0805	1
LD1117-3V3	15V 1A Adjustable low drop voltage regulator	LINREG1, LINREG2, LINREG3	SOT223	LINREG_ADJ_LM1117 DT	3
Thick film	4700.00, 2200.00	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	RES_0603	RES_4k7_5%_0603, RES_2k2_5%_0603	10
GNSS4 cclick		U1	GNSS4 click	GNSS4 cclick	1
DHT22 2 click		U2	DHT22 2 click	DHT22 2 click	1
MS5607		U3	MS5607	MS5607	1
tRF click		U4	tRF click	tRF click	1
MPU 9DOF click		U5	MPU 9DOF click	MPU 9DOF click	1
OpenLog		U6	OpenLog	OpenLog	1
NUCLEO F466 MORPHO LEFT		U7	Nucleo_bot_pads	NUCLEO F466 MORPHO LEFT	1