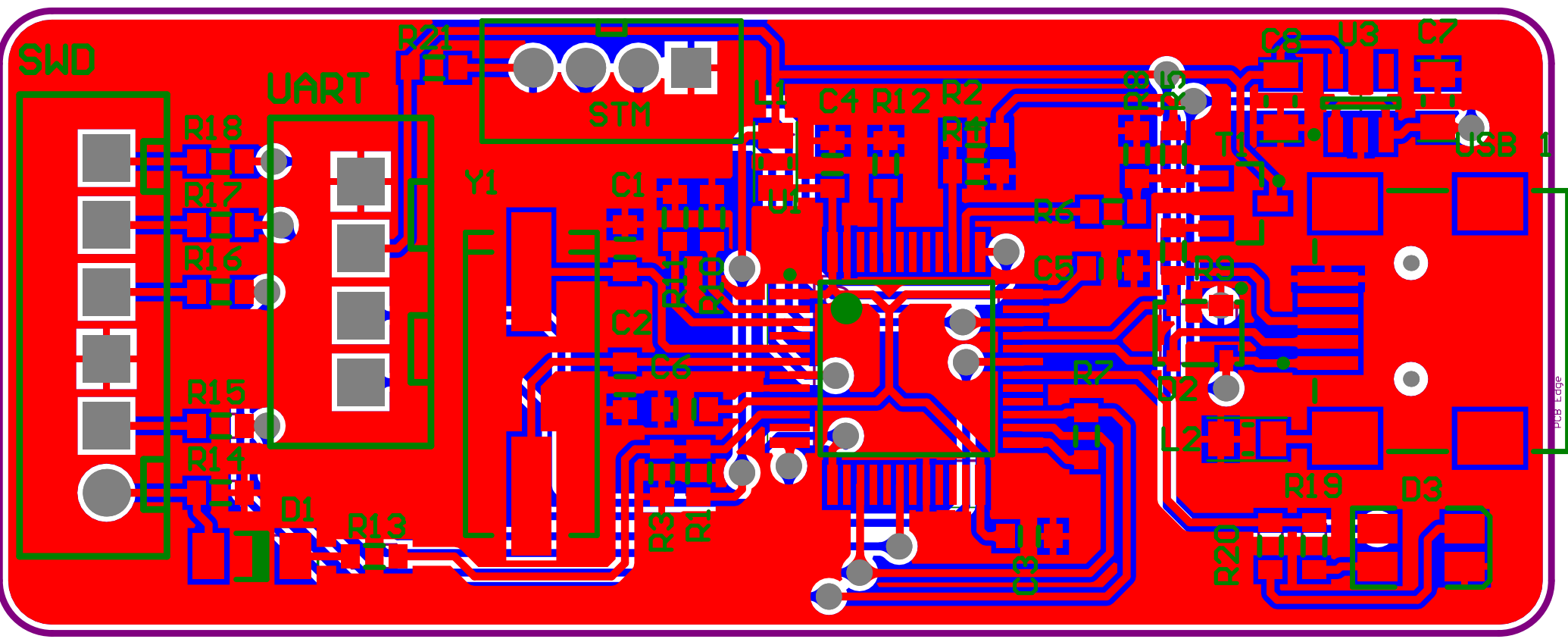


Title		
Size	Number	Revision
A4		
Date:	11/13/2022	Sheet of
File:	E:\GitHub\STLINK-V2\PCB\MAIN.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
22pF	Capacitor	C1, C2	C603	Cap	2
100nF	Capacitor	C3, C4, C5, C6	C603	Cap	4
10uF	Capacitor	C7, C8	C805	Cap	2
LL4148		D1	SOD-80	LL4148	1
PRTR5V0U2X	Ultra low capacitance double rail-to-rail ESD protection diode	D2	SOT-143B	PRTR5V0U2X	1
LED-RG		D3	LED-1210	LED-RG-4	1
1K	FERRITE BEAD	L1, L2	r805	Ferrite Bead	2
4.7K	Resistor	R1, R3, R4, R10, R11	R0603	Resistor	5
2.7K	Resistor	R2	R0603	Resistor	1
10K	Resistor	R5, R12, R14, R21	R0603	Resistor	4
100	Resistor	R6, R7, R13, R19, R20	R0603	Resistor	5
36K	Resistor	R8	R0603	Resistor	1
1.5K	Resistor	R9	R0603	Resistor	1
22	Resistor	R15, R16, R17, R18	R0603	Resistor	4
PHDR 4	PinHeader	STM	PH-4	PHDR 4	1
CONN-6		SWD	XH-6	CONN-6	1
2n3904		T1	SOT-23-3	2n3904	1
STM32F103C8T6	ARM Cortex-M3 32-bit MCU, 64 KB Flash, 20 KB Internal RAM, 37 I/Os, 48-pin LQFP, -40 to 85 degC, Tray	U1	LQFP-48	STM32F103C8T6	1
XC6209	150 mA Low-Noise LDO Regulator	U3	SOT-23-5	XC6209	1
CONN-4		UART	XH-4	CONN-4	1
USB MINI		USB 1	USB-MINI-SMD	USB MINI	1
8MHz	Crystal Oscillator	Y1	XTAL-SMD	XTAL	1