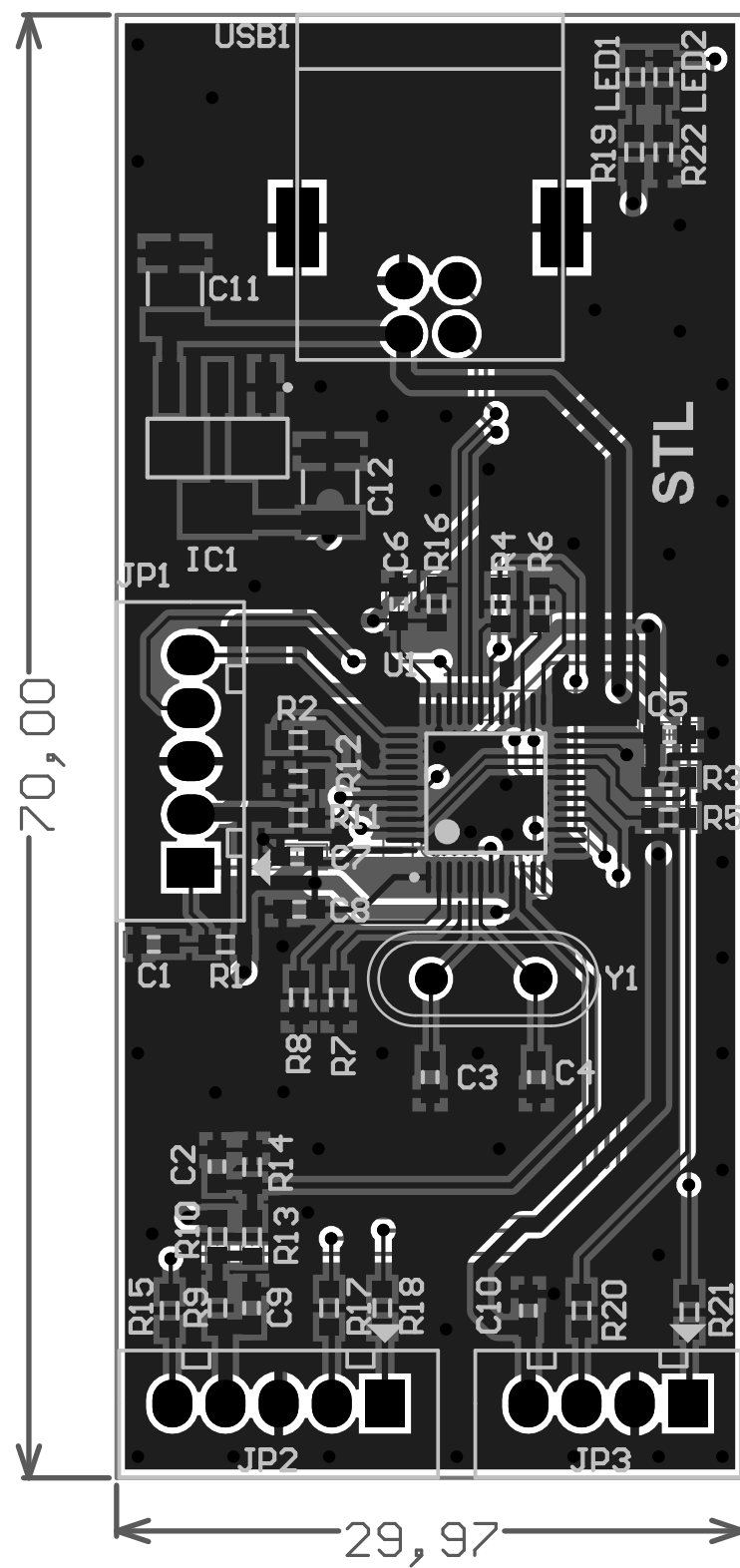


Title		
Size	Number	Revision
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Date:	2/06/2023	Sheet of
File:	E:\Work\...\MCU.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Cremitic For Xtal 1pF => 100pF, Capacitor (Semiconductor SIM Model)	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10	C0603	CAP, Cap Semi	10
10uF	Cap P 0,1uF < 22uF , 16 - 50V	C11, C12	C1812	CP1	2
LM1117-3.3V	3v3	IC1	SOT223-4N	LM1117	1
JP5	Connector 5	JP1, JP2	CON5	Con5	2
JP4	Connector 4	JP3	CON4	Con4	1
LED GREEN	LED Single colour Green and Red	LED1	LED0603	LED	1
LED RED	LED Single colour Green and Red	LED2	LED0603	LED	1
10k	Resistor 1/4W	R1, R8, R12	R0603	R	3
220	Resistor 1/4W	R2, R4, R5, R6	R0603	R	4
680	Resistor 1/4W	R3	R0603	R	1
NA	Resistor 1/4W	R7	R0603	R	1
0	Resistor 1/4W	R9, R10	R0603	R	2
10k/NC	Resistor 1/4W	R11	R0603	R	1
100k	Resistor 1/4W	R13, R14	R0603	R	2
75	Resistor 1/4W	R15, R17, R18, R20, R21	R0603	R	5
4.7k	Resistor 1/4W	R16	R0603	R	1
100	Resistor 1/4W	R19, R22	R0603	R	2
STM32F103C8T6	STM32 ARM-based 32- bit MCU with 64 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U1	LQFP48_L	STM32F103C8T6	1
USB-S	USB connector	USB1	USB-S	USB_S	1
8Mhz	Crystal Oscillator	Y1	XTA	XTAL	1