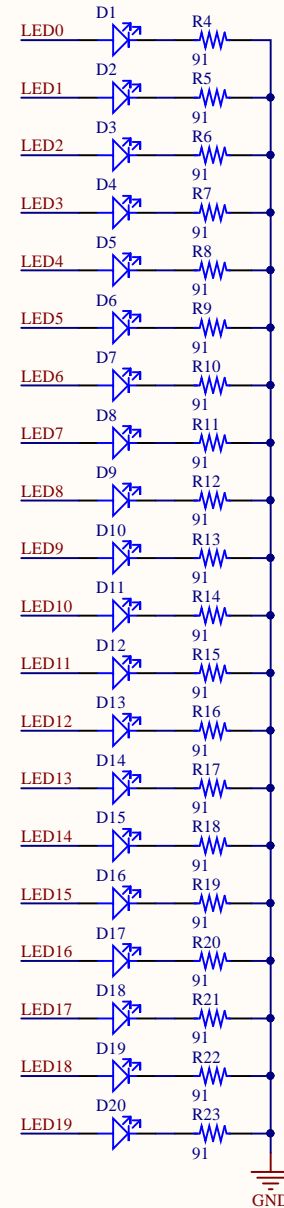
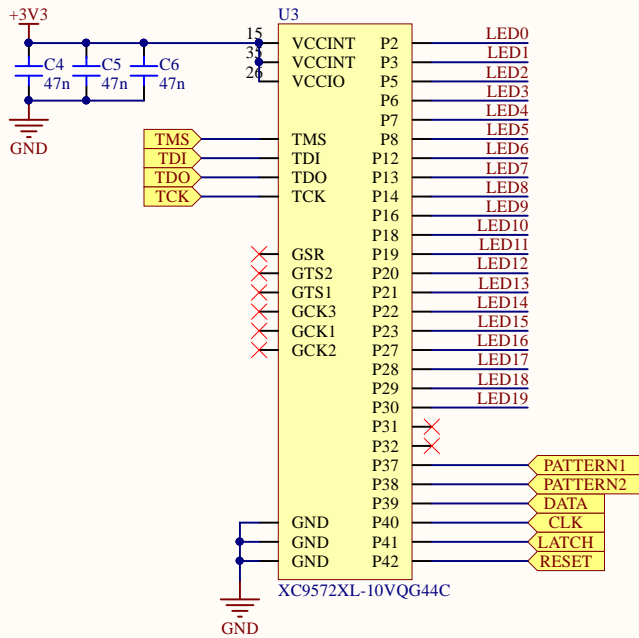


X1  
35 Headers  
Headers 35

X2  
ArduinoUNO  
Arduino UNO

Title <b>LightBoard_v1.0</b>		
Size A	Number	Revision 1
Date:	7/1/2020	Sheet 1 of 3
File:	C:\Users\...\LightBoard_v1.0.SchDoc	Drawn By: <b>Andrea Bianchi</b>



Title		
Size	Number	Revision
A		
Date:	7/1/2020	Sheet of
File:	C:\Users\...\LEDcontroller.SchDoc	Drawn By:

Designator	Comment	Description	Manufacturer 1	Manufacturer Life	Manufacturer Part	Quantity	Supplier Currency	Supplier	Supplier Unit Price
C1, C3	1u	CERAMIC CAPACIT	Yageo	Volume Production	CC0805ZRY5V8BB	2	USD	2	0.16
C2	10n	Cap Ceramic 0.01u	Yageo	Volume Production	CC0402KRX7R6BB	1	USD	1	0.1
C4A, C4B, C4C, C5A, C5B, C5C, C	47n	Cap Ceramic 0.047	Yageo	Volume Production	CC0805JRX7R9BB4	9	USD	9	0.21
D1A, D1B, D1C, D2A, D2B, D2C,	VLMB1500-GS08	Standard LEDs - SN	Vishay	Not Recommended	VLMB1500-GS08	60	USD	60	0.399
J1	UNO_SHEILD	Arduino UNO shiel	Arduino	Volume Production	A000073	1	USD	1	20.9
J2	HDR_6_PINS					1			
J3	BREADBOARD	26*2 ROWS				1			
J4	JTAG CPLD					1			
R1	5K6	RES SMD 5.6K OHM	Yageo	Volume Production	RC0402JR-075K6L	1	USD	1	0.1
R2	33K	YAGEO - RC0402JR	Yageo	Volume Production	RC0402JR-0733KL	1	USD	1	0.1
R3	10k	RES SMD 10K OHM	Yageo	Volume Production	RC0402FR-0710KP	1	USD	1	0.1
R4A, R4B, R4C, R5A, R5B, R5C, R	91	Res Thick Film 040	Yageo	Volume Production	RC0402JR-0791RL	60	USD	60	0.013
U1	NE555DR	TEXAS INSTRUMEN	Texas Instruments	Volume Production	NE555DR	1	USD	1	0.36
U2	MCP4725A0T-E/CH	DAC 1-CH Resistor	Microchip	Volume Production	MCP4725A0T-E/CH	1	USD	1	0.96
U3A, U3B, U3C	XC9572XL-10VQG4	XILINX - XC9572XL	Xilinx	Volume Production	XC9572XL-10VQG4	3	USD	3	3.71
X1	Headers 35	Conn Header Vert	Preci-Dip	Volume Production	890-70-035-10-00	1	USD		
X2	Arduino UNO	Arduino UNO				1			