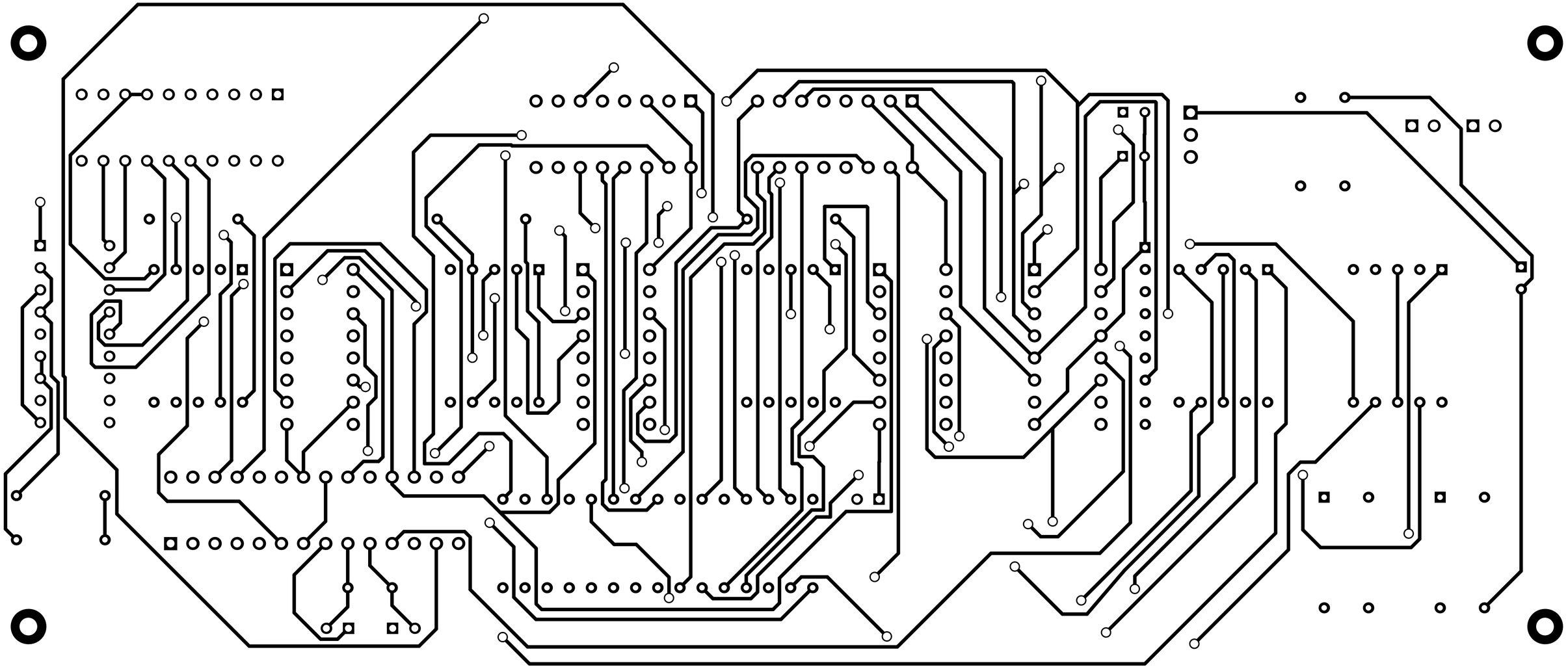

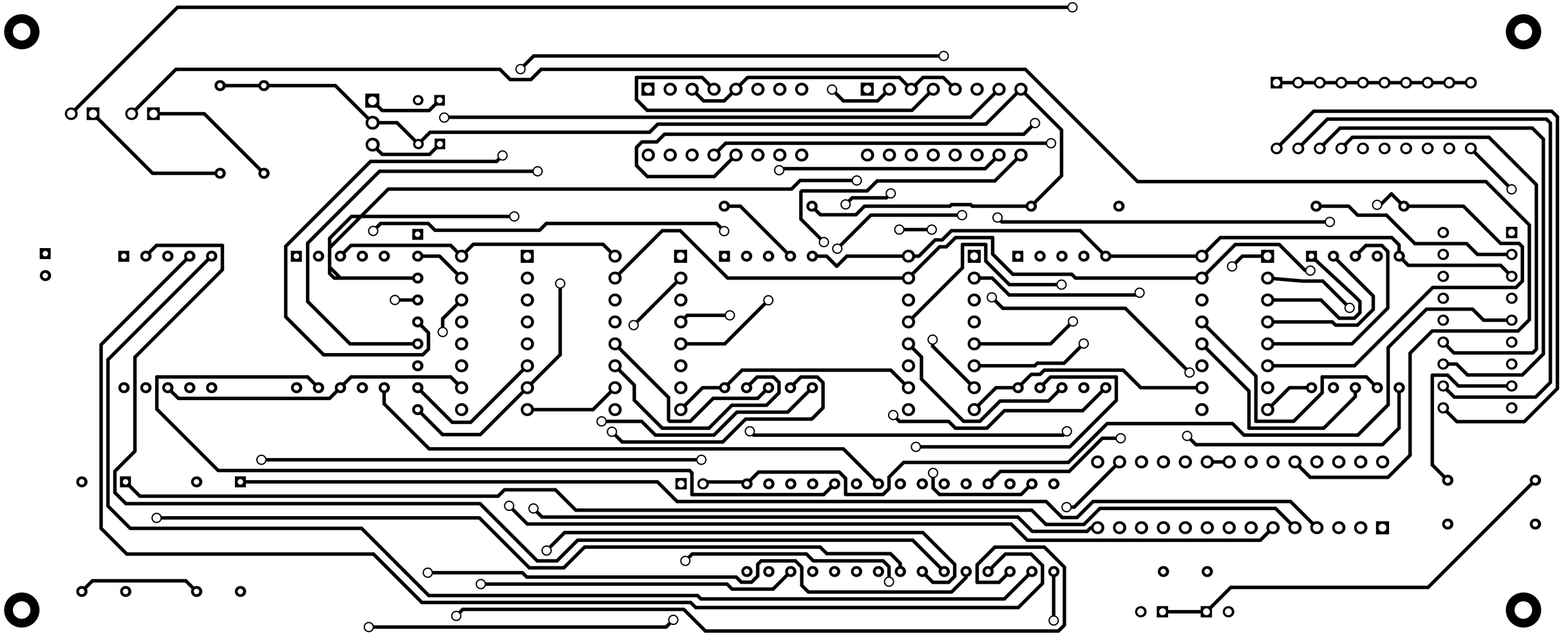

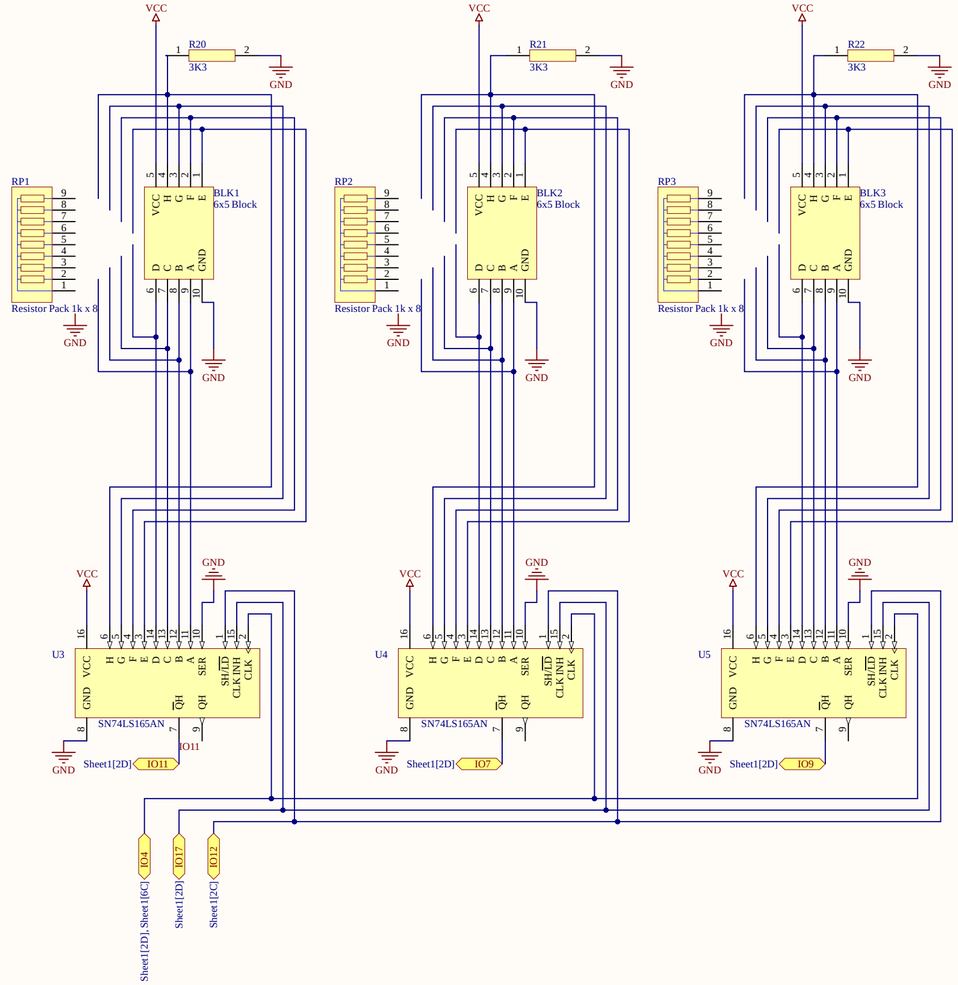

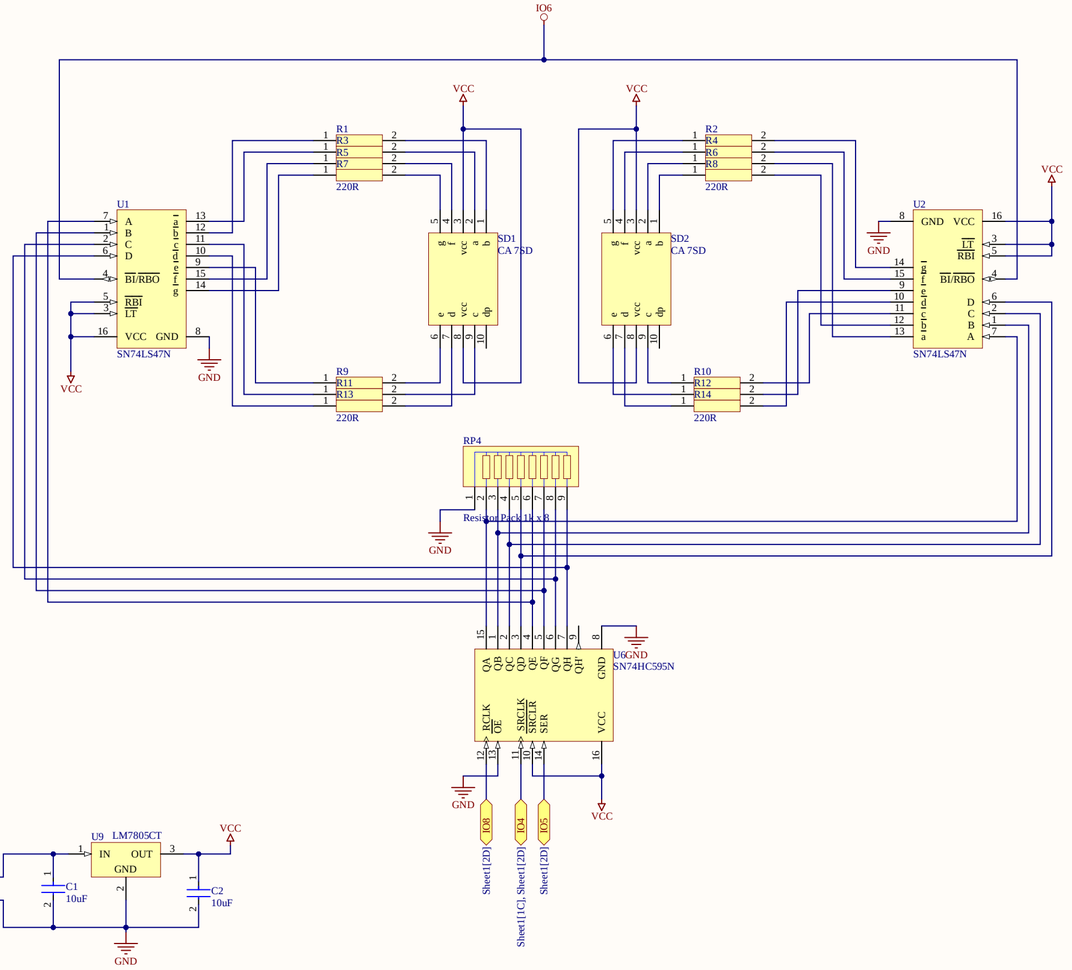

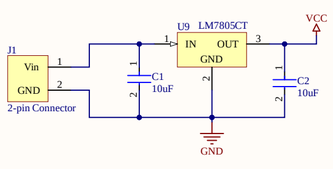

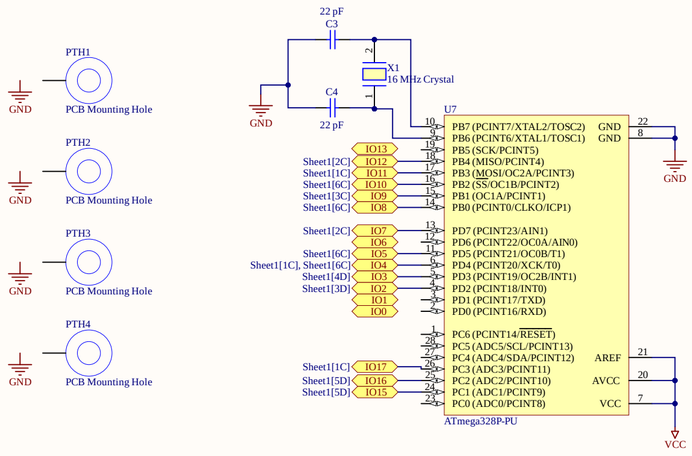

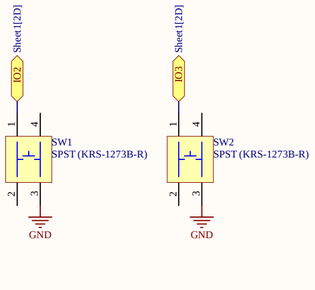

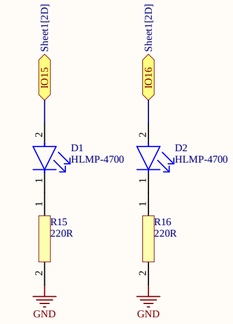

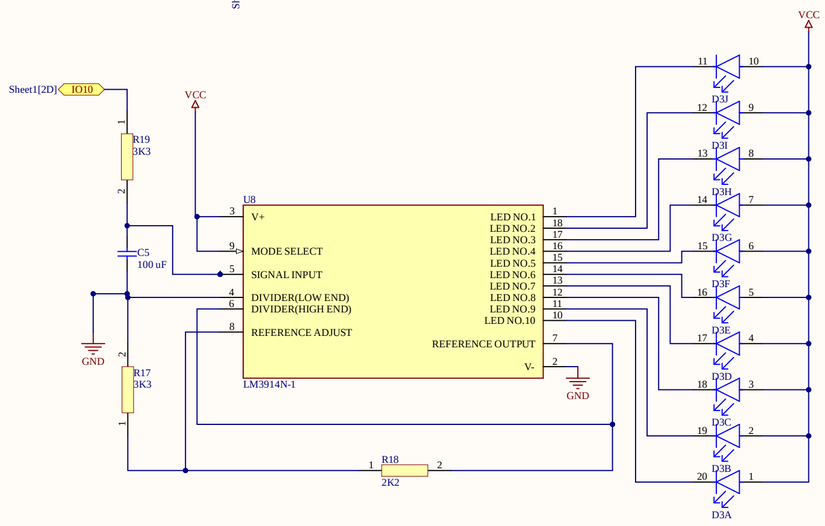

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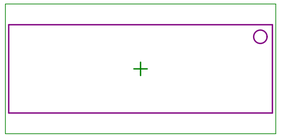

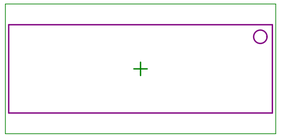

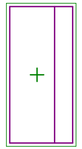

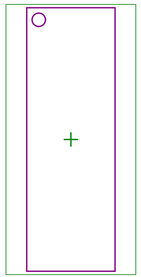

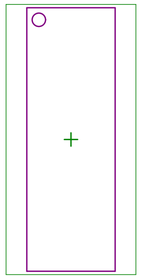

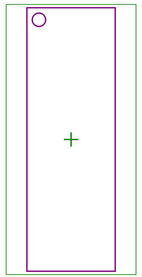

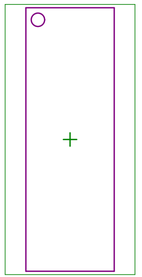

U1
U2
U3
U4
U5
U6

Component list

Bill of Materials for Project [PCB_Project.PrjPcb] (No PCB Document Selected)

Source Data From: PCB_Project.PrjPcb
Project: PCB_Project.PrjPcb
Variant: None

Report Date: 18 Feb 2023 1135h
Print Date: 18-Feb-23 11:35:24 AM

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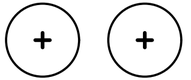
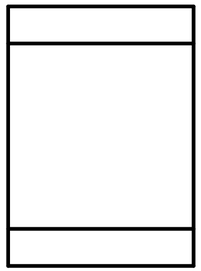
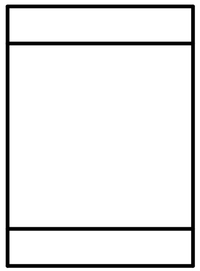
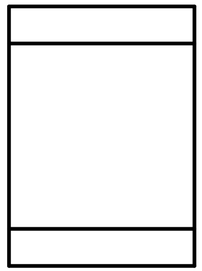
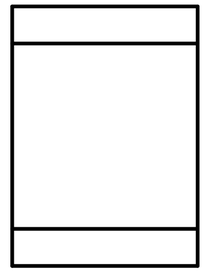
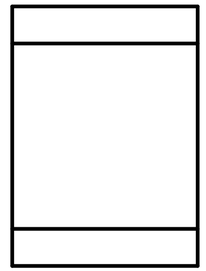
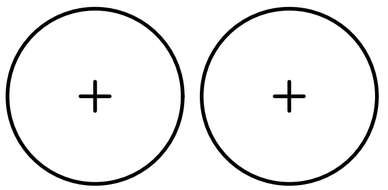
#	Category	Manufacturer 1	Manufacturer Part Number 1	Case/Package	Description	Quantity	Supplier 1	Supplier Part Number 1	Supplier Order Qty 1	Supplier Stock 1	Supplier Unit Price 1	Supplier Subtotal 1	Supplier Currency 1
1	Uncategorized	Jameco Valuepro	KRS-1273B-R		Switch Push Button Tactile Off Momentary	2	Jameco	155380	2000	2125	0.23	450.00	USD
2	Through-Hole Resistors	Yageo	CFR-25JB-52-220R	Axial	General Type Carbon Film Resistor 2.2kOhm	1	Digi-Key	220QBK-ND	1000	0	0.01	11.44	USD
3	Through-Hole Resistors	Yageo	CFR-25JB-52-220R	Axial	General Type Carbon Film Resistor 3.3kOhm	5	Digi-Key	220QBK-ND	5000	0	0.01	44.20	USD
4	Through-Hole Resistors	Yageo	CFR-25JB-52-220R	Axial	General Type Carbon Film Resistor 220Ohm	16	Digi-Key	220QBK-ND	16000	0	0.01	141.44	USD
5	Resistor Arrays	Bourns	4309R-101-102LF	SIP	Res Thick Film NET 1K Ohm 2% 1.13W	4	Avnet	32K9075	4000	21	1.42	5680.00	USD
6	LinearRegulator	ON Semiconductor / Fairchild	LM7805CT		Positive Voltage Regulator, 5 V, 1 A, -40 to	1	Farnell	1102157	1000	0	0.39	391.87	USD
7	LED Displays	Lumex	LDS-A5642RI	DIP	Single Digit Seven Segment Green 0.56"	2	Future Electronics	8628562	2000	0	0.81	1610.00	USD
8	Diode	Lumex	SSA-LXB10HW-GF/LP		LED ARRAY 10X25MM 10SEG RED DIFF	1	Farnell	1020492	1000	130	1.01	1008.17	USD
9	Diode	Broadcom Avago	HLMP-4700		LED RED DIFFUSED T-1 3/4 T/H	2	Farnell	1003232	2000	66866	0.26	524.11	USD
10	Crystals	TXC	9B-16.000MBBK-B	Metal	Crystal 16MHz ±50ppm (Tol) ±50ppm	1	Arrow Electronics	9B-16.000MBBK-B	1000	908	0.14	139.70	USD
11	Connectors	Sullins	PPTC021LFBN-RC		Female, 2C, Straight, .100"CC; 3.20mm Tail,	1	Digi-Key	S7000-ND	1000	122307	0.15	152.78	USD
12						3							
13						4							
14		Microchip	ATMEGA328P-PU		8-bit AVR Microcontroller, 32KB Flash, 1KB	1	Rs	1310276	1000	0	2.75	2753.98	USD
15		Texas Instruments	SN74HC595N		8-Bit Shift Registers With 3-State Output	1	Rs	1000763	1000	3750	0.46	456.17	USD
16		Texas Instruments	SN74LS47N		BCD-to-7-Segment Decoder / Driver, 4.75 to	2	Digi-Key	296-3712-5-ND	2000	5887	0.82	1641.52	USD
17		Murata	RCER71E106K3A2H03B	Radial	Cap Ceramic 10uF 25V X7R ±10% Radial	2	Future Electronics	2087210	2000	0	0.36	720.00	USD
18		KEMET	C315C220K1G5TA		Capacitor, Ceramic, 22 pF, +/-10 %, 100 V, -	3	Farnell	2938971	3000	0	0.14	425.84	USD
19		TI National Semiconductor	LM3914N-1	DIP	IC DRVR DOT/BAR DISPLAY 18DIP	1				0			
20		Texas Instruments	SN74LS165AN		Serial-out shift registers, N0016A, TUBE	3	Newark	28AH5081	3000	0	0.70	2109.00	USD
						56			**48000**			18260.2	

Approved

Notes

1000 pcs: **Total** **18260.22 USD**

Price for 1pcs 18.26 USD