



Title		
Size	Number	Revision
A4		
Date:	12.04.2022	Sheet of
File:	C:\Users\...\Sheet1.SchDoc	Drawn By:

C1



R8



C8

D7

C6

C5

C4

C3

P2

A pin header with eight pins, shown as a vertical row of circles.

R7

A resistor symbol consisting of a zigzag line with two circular terminals.

C2

A circular component, likely a capacitor, with a central pad and a circular outline.

U1

An integrated circuit symbol, represented by a square with pins.

J2

A jack symbol, represented by a circle with a cross inside.

T4

A transistor symbol, represented by a circle with a cross and a line.

W

A symbol resembling a stylized 'W' or a specific electronic component.

R3

A resistor symbol consisting of a zigzag line with two circular terminals.

R5

A resistor symbol consisting of a zigzag line with two circular terminals.

R2

A resistor symbol consisting of a zigzag line with two circular terminals.

P1

A pin header with four pins, shown as a vertical row of circles.

R1

A resistor symbol consisting of a zigzag line with two circular terminals.

A circular component, likely a capacitor, with a central pad and a circular outline.

JK1

A JK flip-flop symbol, represented by a rectangle with inputs and outputs.

Six large circular connectors or pads along the bottom edge of the PCB layout.

Comment	Description	Designator	Footprint	LibRef	Quantity
100uF CAPATICANCE		C1	EEUFR1V101B	100uF CAPATICANCE	1
0.1uF capaticance		C2	TH CAPACITOR	0.1uF capaticance	1
10uF TH CAPACITANCE		C3, C4	10uf capacitance	10uF TH CAPACITANCE	2
105 capaticance		C5	TH CAPACITOR	105 capaticance	1
473 capaticance		C6	TH CAPACITOR	473 capaticance	1
222 capaticance		C7	TH CAPACITOR	222 capaticance	1
101 capacitance		C8	TH CAPACITOR	101 capacitance	1
JUMPER		J1, J2	JUMPER	JUMPER	2
DC Barrek Jack_-	Power Barrel Connector Jack 2.10mm ID _0.083_ 5.50mm OD _0.217_ Through Hole, Right Angle	JK1	DC BARREL JACK	DC Barrek Jack_-	1
1x3 header		P1	1x3 header - duplicate	1x3 header	1
2.54mm 2x5 TH Header	2.54mm 2X3 TH Header	P2	2x5 HEADER	2.54mm 2x5 TH Header	1
1K TH RESISTOR		R1	TH RESISTOR	1K TH RESISTOR	1
50K POTANTIOMETER		R2, R7	POTANTIOMETER	50K POTANTIOMETER	2
5.1K TH RESISTOR		R3, R5, R6	TH RESISTOR	5.1K TH RESISTOR	3
330 OHM TH RESISTOR		R4	TH RESISTOR	330 OHM TH RESISTOR	1
100K POTANTIOMETER		R8	POTANTIOMETER	100K POTANTIMETER	1
XR2206		U1	XR2206	XR2206	1