BOM for Elektron Monomachine (c) MIDI Joystick ver. 1.0

ID	Name	Designator	Quantity	Manufacturer Part
1	DIN-5 MIDI INPUT/OUTPUT	CN1, CN2	2	DIN-504-M10
3	1N4148	D1	1	1N4148
4	DC Jack socket 5.5 X 2.5 mm	DC1	1	DCS-005
5	220R	R1,R3,R4	3	MF 1/4W-220Ω±1%
6	1K	R2,R7	2	MF 1/4W-1KΩ±1%
7	6N137	U1	1	HT-6N137
8	ARDUINO PRO MICRO	U2	1	ARDUINO PRO MICRO (USB C or mcroUSB)
9	LED	U4	1	5mm
10	100nF	C1	1	Metalfilm Cap
11	Module YL-46	VIN,VOUT	1	AMS1117 3.3V 5.0V DC-DC Step down Power Supply
12	Joystick	P1	1	Dualsense PS5/Ginfull with button
13	DC Y-cable 5.5 X 2.5 mm	-	1	DC Y-cable 5.5 X 2.5 mm

AMS1117 3.3V 5.0V DC-DC Step down Power Supply

Dualsense PS5/Ginfull with button

DC Y-cable 5.5 X 2.5 mm

DIN-504-M10