BOM – Electrical Parts

2022-11-20
Tobias Libera

Name	Description	Standard	Value / Size	Amount	Link / Comment
Breadboard	Hard-paper	2.54mm spacing	100 x 100 mm	1	
ESP32 Development Board	ESP32 DevKitC – V4	ESP32		1	
DRV8825	Stepper Motor Driver			1	
LM2596	DC-DC Step-Down		5V	1	
Input Jack	DC – Hollow Plug		5.5 x 2.1 mm	1	https://www.amazon.de/gp/product/B093FTFZ8Q
RGB-LED		Common-Cathode		2	
Resistor		DIP	470 Ohm	6	
Capacitor		DIP	100 uF	1	
Header	Power Input	JST	1x2	1	For this items, there is always needed the header for the curcuit boards as well as the corresponding plug
Header	LM2596	JST	1x2	2	
Header	RGB-LED	JST	1x4	2	
Header	Stepper Motor	Dupoint – Male	1x4	1	
Cables	Various Cables	Stranded			
Isolation Sleeves	Various Sleeves				