

BOM Rotating Sphere

#	number of units	item	source	link
1	1	assembled PCB "RS64c", LED & microcontroller unit	JLCPCB or any other PCB manufacturer. I used the JLCPCB soldering and assembly service. All data for ordering is available on GitHub	https://jlcpcb.com
2	1	assembled power supply PCB "RD56c_PS_V1"	JLCPCB or any other PCB manufacturer. I used the JLCPCB soldering and assembly service. All data for ordering is available on GitHub	https://jlcpcb.com
3	1	assembled PCB "Sek_coil_sphere"	JLCPCB or any other PCB manufacturer. I used the JLCPCB soldering and assembly service. All data for ordering is available on GitHub	https://jlcpcb.com
4	1	PCB "RS64c_holder"	JLCPCB or any other PCB manufacturer	https://jlcpcb.com
5	64	STRAWHAT LED 4,8MM RGB (4-PIN) WEDRGB03-CM	www.led1.de	https://www.led1.de/shop/led-rainbow-rgb-ultrahell/48mm-rgb/strawhat-led-48mm-rgb-4-pin-wedrgb03-cm.html
6	1	ESP01s. Make sure to by the "S" version (ESP01S) which has larger memory	Amazon, ebay, others	
7	various	3D printed plastic parts	DIY, all STL and design files on GitHub	
8	1	DC motor 31ZY, 6V, 4000rpm	Amazon, ebay, others	https://amzn.eu/d/0FNWCg7