

B.O.M. MC1.5

Item #	Quantity	Description	Manufacturer	Catalogue Number
1	2	Thermoelectric Module 40mmx40mm	TeTechnology,Inc.	VT-199-1.4-1.15
2	2	Heat Sink 0.35°C/W	ALPHA Next Generation Heat Sinks	FH6030MF
3	8	Screw M3x60mm	ALPHA Next Generation Heat Sinks	FH6030MF
4	8	Washer M3	ALPHA Next Generation Heat Sinks	FH6030MF
5	8	Nut M3	ALPHA Next Generation Heat Sinks	FH6030MF
6	1	Thermal Paste 5W/mK	T-Global TECHNOLOGY	S606C
7	2	NEMA 17 0,4A 1,8°deg/step	Wantai Stepper Motor	39BYGL215A
8	4	Neodymium Cylinder Magnet N52	Neodymium	N52 Grade
9	2	Fan Module TAC/MC1.5	DELTA ELECTRONICS, INC.	AFB0612VHC
10	1	AC TO DC Converter 24V, 31,3 Amps, 751,2 W	MEAN WELL	RPS-750-24
11	1	DC TO DC Converter 24V/12V (5A, 60W)	CPT	C241205
12	1	Electrical Box	IBERVILLE	1104-LHT-VP
13	1	Copper/Aluminum Switch 15A, 120V	Copper Industries	5221-7
14	1 meter	Wire Cable 2C#16	Anixter	2J-1602
15	2 meters	Wire Cable 1C#18	Anixter	6G-1801-06
16	6 meters	Wire Cable 3C#14	Anixter	7TD-1403AJ
17	1 meter	Wire Cable 2C#14	Anixter	7TD-1402AJ
18	4	Screw M5x25		
19	4	Nut M5		
20	4	Screw 1/2 6-32	BUILDEX	BX10142
21	4	Nut 1/2 6-32	BUILDEX	BX10142
22	2	3D PLA Prints	Université de Sherbrooke	See 3D Model, Solidworks
23	2	Aluminum Mold	Université de Sherbrooke	See 3D Model, Solidworks
24	1	Banana Board	Université de Sherbrooke	See Banana Board B.O.M.