

Item	Quantity	Model
Stepper Motor	2	Nema 17 Stepper Motor 2A 45Ncm(64oz.in) 17HS16-2004S
Stepper Driver	2	Pololu DRV8825
Brushless Motor	2	Multistar Elite 2204-2300KV
ESC	2	Hobbypower SimonK 30A ESC BEC 2A
Photon	1	Particle Photon
PCB Control	1	Custom Made
PCB Stepper Driver	1	Custom Made
PCB Trigger/Speed	1	SparkFun Solder-able Breadboard - Mini
Volt Meter	1	Hobbyking LED RX Voltage Indicator for Lipoly & LiFe Battery
3.5mm bullet conn male	10	
3.5mm bullet conn female	4	
XT60 conn male	2	
XT60 conn female	1	
20A power switch	1	Digikey EG4777-ND
6A mom switch	1	Digikey EG2388-ND
Toggle switch	1	Digikey EG1901-ND
Pot Knob	1	Digikey 450-1736-ND
Potentiometer	1	Digikey 987-1649-ND
Resistor 1k	2	
Header 4p Fem RgtAng	1	
Header 2p Male RgtAng	1	
Header 3p Male RgtAng	2	
Header 4p Male RgtAng	1	
Header 8p Fem	4	
Header 12p Fem	2	
2p Fem Crmp Conn/Header	1	
3p Fem Crmp Conn/Header	2	
Header Crimp Pin	8	
JST XH Header 2p	7	
JST XH Header 3p	1	
JST XH Header 4p	4	
JST XH Header 6p	2	
JST XH Conn 2p	7	
JST XH Conn 3p	1	
JST XH Conn 4p	4	
JST XH Conn 6p	2	
JST XH Crimp Pin	45	
Trigger Button	1	Digikey EG1938-ND
Microswitch	2	Digikey P10864S-ND
IR Receiver	1	Digikey TSSP58038-ND
IR Emitter	1	Digikey 160-1063-ND
Resistor 3.3k	1	
Capacitor 100uF	2	
Silicon Wire 16ga Red	1	
Silicon Wire 16ga Blk	1	
Silicon Wire 18ga Red	1	
Silicon Wire 18ga Blk	1	
22ga wire Red	2	
22ga wire Blk	2	
24ga wire Red	4	

24ga wire Blk	4	
24ga wire Wht	1	
24ga wire Grn	3	
24ga wire Blue	4	
24ga wire Wht/Blue	2	
24ga wire Brn	2	
24ga wire Org	1	
24ga wire Wht/Org	1	
2-56 Machine Screw 1/4	3	
6-32 Machine Screw 3/8	50	
6-32 Machine Screw 1/2	13	
6-32 Machine Screw 3/4	6	
6-32 Machine Screw 1	4	
6-32 Machine Screw 2	1	
10-32 Set Screw 1/4	3	
#8 washer	1	
M3x8 Hex Screw	17	
M2x? Pan Head Screw	8	Comes with multistar motors
Spring (from pen)	2	
DbiSid Velcro	2	