



Parts List				
Item	Qty	Part Number	Description	Material
1	1	Neopixel Jewel Front	Individually addressable LEDs	
2	1	Arm Wheel	3D Printed	Plastic
3	1	Arm Tire	3D Printed (Flex)	Rubber
4	1	PiZero W	Single board computer	FR-4 Glass Epoxy PCB
5	1	Arduino Nano	Microcontroller	FR-4 Glass Epoxy PCB
6	1	Stepper Driver 1	Motor control	FR-4 Glass Epoxy PCB
7	1	Stepper Driver 2	Motor control	FR-4 Glass Epoxy PCB
8	1	Frame	3D Printed	Plastic
9	1	Frame Lid	3D Printed	Plastic
10	1	Camera Mount 1	3D Printed	Plastic
11	1	Chest Cover	3D Printed	Plastic
12	1	Light Diffuser Chest	3D Printed	Epoxy Resin
13	1	Servo Arm	3D Printed	Plastic
14	1	Laser Pointer	Laser or pen	
15	1	Pen Holder Rside	3D Printed	Plastic
16	1	Pen Holder Lside	3D Printed	Plastic
17	1	Battery Cover	3D Printed	Plastic
18	1	Nema 17 Stepper 2	Motor	Steel
19	1	Nema 17 Wheel 2	3D Printed	Plastic
20	1	Nema 17 Tire 2	3D Printed (Flex)	Rubber
21	1	Neopixel Jewel Back	Individually addressable LEDs	FR-4 Glass Epoxy PCB
22	1	Camera Mount 2	3D Printed	Plastic
23	1	Back Cover	3D Printed	Plastic
24	1	Light Diffuser Back	3D Printed	Epoxy Resin
25	1	Standard Servo	Servo	
26	1	Nema 17 Stepper 1	Motor	Steel
27	1	Nema 17 Wheel 1	3D Printed	Plastic
28	1	Nema 17 Tire 1	3D Printed (Flex)	Rubber
29	1	IMU	Inertial measurement unit	FR-4 Glass Epoxy PCB
30	1	RPi Camera	Camera	FR-4 Glass Epoxy PCB
31	1	Camera Case Back	3D Printed	Plastic
32	1	Camera Case Front	3D Printed	Plastic
33	1	1800mah 3S Lipo	Battery	FR-4 Glass Epoxy PCB
34	1	Perfboard	PCB	FR-4 Glass Epoxy PCB