

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

