

Bill of Materials						
Item	Part Number	Price Per Unit	Quantity	Total	URL	Notes
L298N Motor Driver	L298N	\$6.89	1	\$6.89	https://www.amazon.com/gp/product/B014KMHSW6/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&psc=1	
Solarbotics GMPW-R RED Wheel		\$4.00	2	\$8.00	https://resi.store/inventory/item.php?plu=1071	
GM3 Plastic Geared Motor		\$6.00	2	\$12.00	https://resi.store/inventory/item.php?plu=948	
Raspberry Pi Zero W		\$10.00	1	\$10.00	https://www.adafruit.com/product/3400	
Playstation 4 DualShock Controller		\$60.00	1	\$60.00	https://www.amazon.com/DualShock-Wireless-Controller-PlayStation-Black-4/dp/B01LWVX2RG	
Ultrasonic Ranging Module	HC-SR04	\$9.18	1	\$9.18	https://www.sparkfun.com/products/15569	
Female to male jumper cables	1528-1961-ND	\$0.10	40	-	https://www.digikey.com/product-detail/en/sparkfun-electronics/PRT-12794/1568-1511-ND/5993859	(included with other purchase, no cost)
Color Sensor	TCS3200 (SKU:SEN0101)	\$7.98	1	\$7.98	https://www.dfrobot.com/product-540.html	
Enclosure Block 3D print		\$25.99	1	\$25.99		
AA Batteries		\$0.32	8	\$2.56	https://www.amazon.com/AmazonBasics-Performance-Alkaline-Batteries-Count/dp/B00MNV8E0C?	
C.J. SHOP New LED Round 100pcs		\$4.49	1	\$4.49	https://www.amazon.com/C-J-SHOP-100pcs-Yellow-Light-emitting/dp/B00XT0P0ZI/ref=sr_1_7?	
			Total Price	\$147.09		