

Category	Description	Source	Unit Price	Count
Mechanical				
	100-pack of 8-32x3/4" screws	McMaster-Carr	\$11.12	1
	100-pack of 8-32 hex nuts	McMaster-Carr	\$1.81	1
	10-pack of 8-32 wing nuts	McMaster-Carr	\$6.84	1
	16-pack of 90-degree structural brackets	Amazon	\$9	2
	Large arcade buttons (blue and green)	Room 36	\$2.75	2
	2-pack of 4" acrylic disc wheels	ServoCity	\$5.99	1
	Ball casters	Scavenged	\$0	2
	4-40 hex standoffs	Room 36	\$0.45	16
	6-32 hex standoffs	Room 36	\$0.45	4
	4-40 x 1/4" screws	Room 36	\$0.02	32
	6-32 x 1/2" screws	Room 36	\$0.03	8
	24" of sticker vinyl	Room 36	\$2.40	1
	Hinges	Scavenged	\$0	4
	1/4" x 2" D-shaft	Room 36	\$1.50	4
	1/4" set screw hub	Room 36	\$5.20	4
	1/4" flanged ball bearing	Room 36	\$1.30	4
	1/4" shaft collar	Room 36	\$1.40	2
	1/4" washer	Room 36	\$0.03	12
	Flexible shaft coupler	Room 36	\$6	2
	3D-printed encoder mount	Personal 3D printer	\$0	1
	3D-printed IR sensor mount	Personal 3D printer	\$0	1
	Assorted Connectors (Molex 2 pin, 3 pin, crimp connectors)	SPDL	\$0	many
Electrical				
	PIC32MX170F256B MCU	ME218 Kit	\$0.00	2
	MCP6546 Comparator	ME218 Kit	\$0.00	1
	MCP6294 Op-Amp	ME218 Kit	\$0.00	1
	Pololu 4761 Motor Encoder	ME218 Kit	\$0.00	2
	TLE 5206 Motor Driver	ME218 Kit	\$0.00	2
	HC-SR04 Ultrasonic Sensor	Scavenged	\$0.00	2
	Standard Servo (3kg-cm)	Room 36	\$13.00	1
	Submicro RC Servo (0.6 kg-cm)	Room 36	\$6.65	2
	10mm RGB LED	Room 36	\$1.10	2
	SPDT switch with roller	Room 36	\$2.10	4
	DPDT kill switch	ME218 Kit	\$0	1
	7.2V lithium-ion battery	ME218 Kit	\$0	2
	Maxon brushed DC motor	ME218 Kit	\$0	2
	PCBs	ME218 Kit	\$0	6
	Capacitors, Resistors	Bins of Freedom	\$0	many
	20' of assorted wire	Room 36	\$2.00	1
				TOTAL
				147.6