

Item #	Qty	Unit	P/N
1	1	Count	50
2	1	Count	1438
3	2	Count	324
4	1	Count	85
5	1	Count	798
6	1	Count	5438
7	2	Count	3726
8	2	Count	3871
9	1	Liter	gplus
10	1	Pack of 100	E-FFR250N-100
11	1	Pack of 4	LME12UU
12	1	Count	7549K1
13	2	Count	6459K29
14	1		8579K28
15	1		
16	2		
17	2	Count	6655K52
18	1	1 Meter	90024A040
19	1	Pack of 25	93070A071
20	1		
21	1		9255T42
22	1		
23	2		9246K23
24	1		9246K13
	1		9062K31
25	1		
26	1	Pack of 50	91290A176

Item #	Description	Subsystem
1	Arduino Uno R3	Hardware software interface
2	Adafruit Motor Shield for Arduino	
3	NEMA 17 Stepper Motor	Motors/motor control
4	Shield stacking headers for Arduino	
5	12V 1A Power Supply	Motors/motor control
6	3 ft USB 2.0 A Male to B Male	Hardware software interface
7	3 ft USB to RS232	Projector
8	3 ft HDMI Cable Black	Projector
9	G+ Resin Blue	Resin
10	22/18-Gauge Female Quick Disconnects	Motors/motor control
11	Linear Motion 12 mm Ball Bushings, Closed Type, Metric	Motion control
12	Metric Precision Threaded Rod, 10mm Diameter, 2mm/Turn Screw, 1750mm Long	Motion control
13	Hardened Precision 400 Series Stainless Steel Metric Shaft, 12 mm Diameter, 1200 mm Length	Chassis
14	PTFE-Filled Delrin ® Acetal Resin Rod 1"x12"	Motion control
15	Arduino CNC Shield V3.03	Motors/motor control
16	Pololu DRV8825	Motors/motor control
17	Steel Thrust Ball Bearing, Steel Washers, for 6 mm Shaft Diameter, 14 mm OD	Motion control
18	Type 18-8 Stainless Steel Fully Threaded Rod, M3 Thread, 0.5mm Pitch, 1 Meter Long	Chassis
19	Low-Profile Socket Head Cap Screw, Class 8.8 Steel, M3 Size, 14 mm Length, .5mm Pitch	Chassis
20	M3 Socket Head Cap Screws	Chassis
21	Steel Perforated Sheet, .156" Hole Diameter, 63% Open, 22 Gauge, .03" Thick, 24" X 24"	Chassis
22	Gaffers Tape	Chassis
23	Multipurpose 6061 Aluminum, 3/8" Thick, 12" x 12"	Chassis
24	Multipurpose 6061 Aluminum, 1/4" Thick, 12" x 12"	Chassis
	Multipurpose 6061 Aluminum, Precision-Ground, 1/2" Diameter	Chassis
25	Plastic Film	Chassis
26	Black-Oxide Class 12.9 Socket Head Cap Screw, Alloy Steel, M4 Thread, 25mm Length, 0.70mm Pitch	Motion control

Item #	\$/Unit	\$ Amount	Link
1	\$24.95	\$24.95	http://www.adafruit.com/product/50
2	\$19.95	\$19.95	http://www.adafruit.com/products/1438
3	\$14.00	\$28.00	http://www.adafruit.com/products/324
4	\$1.95	\$1.95	http://www.adafruit.com/products/85
5	\$8.95	\$8.95	http://www.adafruit.com/products/798
6	\$1.02	\$1.02	http://www.monoprice.com/Product?c_id=103&cp_id=10303&cs_id=1030301&p_id=5437&seq=1&format=2
7	\$5.71	\$11.42	http://www.monoprice.com/Product?c_id=103&cp_id=10311&cs_id=1031104&p_id=3726&seq=1&format=2
8	\$3.82	\$7.64	http://www.monoprice.com/Product?c_id=102&cp_id=10240&cs_id=1024008&p_id=3871&seq=1&format=2
9	\$45.00	\$45.00	http://www.makerjuice.com/product/gplus/
10	\$7.98	\$7.98	http://www.amazonsupply.com/dp/B00M4D0DU8?ref=sr_1_1_txt
11	\$24.81	\$24.81	http://www.amazonsupply.com/lme12uu-linear-motion-bushings-closed/dp/B002BBJU1O
12	\$58.88	\$58.88	http://www.mcmaster.com/#7549k1/=tjuroh
13	\$69.30	\$138.60	http://www.mcmaster.com/#6459k29/=tjuslw
14	\$17.10	\$17.10	http://www.mcmaster.com/#8579k28/=rahhhr
15	\$20.00	\$20.00	
16	\$8.95	\$17.90	
17	\$2.83	\$5.66	
18	\$4.27	\$4.27	
19	\$5.96	\$5.96	
20	\$12.00	\$12.00	
21	\$20.77	\$20.77	
22	\$13.00	\$13.00	http://www.mcmaster.com/#7612a56/=rahkny
23	\$36.92	\$73.84	http://www.mcmaster.com/#9246k495/=rlav9s
24	\$30.39	\$30.39	
	\$7.16	\$7.16	
25	\$10.00	\$10.00	
26	\$6.87	\$6.87	
Total:		\$624.07	