

Component	Vendor	Part #	Quantity	Price per Unit	Total
Maxon Motor	SPDL		2	\$0	\$0
Geared DC Motor	SPDL		2	\$9.40	\$18.80
Resistors	Lab Kit\SPDL		7	\$0	\$0
Capacitors	Lab Kit\SPDL		6	\$0	\$0
Diodes	Lab Kit\SPDL	IN4935	12	\$0	\$0
Photo Transistor	SPDL	LTR 3208E	1	\$0	\$0
Red LED	SPDL		3	\$0.40	\$1.20
Blue LED	SPDL		3	\$0.40	\$1.20
MOSFET	SPDL	2N7000	2	\$0	\$0
Op Amp	SPDL	LM324N	2	\$0	\$0
Comparator	SPDL	LM339	1	\$0	\$0
H bridge	SPDL	L293NE	1	\$0	\$0
5V Regulator	Jameco	LM78L05ACZ	1	\$0.35	\$0.35
Molex Pairs	SPDL		3	\$2.19	\$6.48
PCB boards	SPDL		4	\$4.38	\$17.52
Motor Driver Set	SPDL	LMD18200	2	\$5	\$11
18" AWG stranded Wire	SPDL		20 ft	\$0.20	\$4
Solder Wire	SPDL		5 ft	\$0.10	\$0.50
SPST switch	Radioshack		1	\$2.99	\$2.99
Nuts	SPDL/AI	Assorted	12	\$0	\$0
Bolts	SPDL/AI	Assorted	12	\$0	\$0
Fasteners	SPDL/AI	Assorted	12	\$0	\$0
Standoffs	SPDL/AI	Assorted	12	\$0.50	\$6
Wood Glue	SPDL			\$0	\$0
Tape		Masking, Electrical		\$4	\$4
Wheels (2)	Amazon	Scooter Wheels 100 mm diameter	1(set of 2)	\$4.99	\$4.99
Stretch Magic 1mm thread	Amazon		1	\$4.55	\$4.55
Masonite (0.125 in)	PRL		1	\$6	\$6
Masonite (0.25 in)	PRL		1	\$8	\$8
Battery	SPDL	Ni_Cd rechargeable	2	\$9.40	\$18.80
Steel Ball Bearings	McMaster	638K213	5	\$4.19	\$20.95
Steel Ball Bearings	SPDL		3	\$0	\$0
Ball Transfer	McMaster		2	\$4.63	\$9.26
Shaft	Home Depot	Aluminium Shaft 1/4" by 36"	1	\$2.49	\$2.49
				TOTAL	\$149.08