

Required Parts (Each Kit)	Quantity Required (per Kit)	Cost per Unit	Total Cost per Kit	Supplier/Source
Magician Chassis Kit	1	\$13.46	\$13.46	https://www.sparkfun.com/products/10825
DfRobot Romeo controller	1	\$37.95	\$37.95	http://www.robotshop.com/productinfo.aspx?pc=RB-Dfr-212&lang=en-US
Photoresistors	2	\$1.35	\$2.7	https://www.sparkfun.com/products/9088
2.2k Ohm Resistor 1/4 Watt	2	\$0.08	\$0.16	http://www.karlssonrobotics.com/cart/resistor-2-2k-ohm-14-watt/
Superbright LED (Yellow or White)	2	\$1.35	\$2.7	https://www.sparkfun.com/products/11119
Reversible Screwdriver	1	\$0.86	\$0.86	https://www.sparkfun.com/products/9146
Needle-Nose Pliers	1	\$1.76	\$1.76	https://www.sparkfun.com/products/8793
Screws/Bolts (Size 4-40, Pack of 10)	1	\$1.35	\$1.35	https://www.sparkfun.com/products/10452
Nuts (Size 4-40, Pack of 10)	1	\$1.35	\$1.35	https://www.sparkfun.com/products/10454
6 AA Battery Holder w / 2.1 mm Barrel Jack	1	\$4.9	\$4.9	http://www.robotshop.com/productinfo.aspx?pc=RB-Ada-18&lang=en-US
Breadboard	1	\$3.56	\$3.56	https://www.sparkfun.com/products/11658
USB Cable (A to B, 6 foot)	1	\$3.56	\$3.56	https://www.sparkfun.com/products/512
Required Materials (Share/Spit between about 35 kits -- if this number changes, adjustments to these quantities will be required)	Quantity Required (total)	Cost per Unit	Total Cost (35 kits)	Supplier/Source
Jumper Wires (6", Kit of 100, Male/Female)	4	\$24.95	\$99.8	https://www.sparkfun.com/products/9139
Wire for motors (25', Red)	3	\$2.95	\$8.85	https://www.sparkfun.com/products/8865
Wire for motors (25', Black)	3	\$2.95	\$8.85	https://www.sparkfun.com/products/8867
NiMH battery pack (60 total -- 6 batteries required per robot)	4	\$83.99	\$335.96	http://www.all-battery.com/60pcsofaa2500mahhighcapacitynimhrechargeablebatteries90412.aspx
NiMH Charger	6	\$29.99	\$179.94	http://www.all-battery.com/TN160_NiMH_NiCdBatteryCharger-01160.aspx
Velcro (sticky)				
Solder				
Soldering Iron				
		Total Cost (pre tax):	\$3234.25	
		Total Cost per Kit:	\$92.407142857142	