

Bill of Material for Project 2

Sr. No	Name	Qty	Cost	Link
1	DC Motor and Encoder	1	\$34.95	https://www.pololu.com/product/2282
2	Mounting Hub	1	\$6.95	https://www.pololu.com/product/1081
3	PmodHB3	1	\$9.99	https://store.digilentinc.com/pmod-hb3-h-bridge-driver-with-feedback-inputs/
4	Electrolytic Capacitor (25V, 1000uF)	2	\$2.48	https://www.digikey.com/product-detail/en/rubycon/25JXF1000MEFC10X20/1189-3321-ND/6049852
5	Resistor (10K)	1	\$0.10	https://www.digikey.com/product-detail/en/stackpole-electronics-inc/CF14JT10K0/CF14JT10K0TR-ND/1741265
6	Capacitor (100nF)	1	\$0.24	https://www.digikey.com/product-detail/en/vishay-bc-components/K104Z15Y5VF5TL2/BC1160CT-ND/286782
	Capacitor (47nF)	1	\$0.24	https://www.digikey.com/product-detail/en/vishay-bc-components/K473K10X7RF5UH5/BC2686CT-ND/2356900
	Total (if you buy the parts at EPL)		\$52	http://psu-epl.github.io/