

Item	quantity	base price	total price	Notes
Linear Stage	1	\$60	\$60	Ebay-Second Hand
Nema 17 Motor	1	\$20	\$20	
3d Printing cost		\$7	\$7	
Second macro rail	1	\$16	\$16	<a href="http://www.dx.com/p/fotom">http://www.dx.com/p/fotom</a>
PCB	1	\$15	\$15	
Led pushbutton	4	\$0.50	\$2	<a href="http://www.direnc.net/12X">http://www.direnc.net/12X</a>
Rotary Encoder Module	1	\$5	\$5	<a href="http://www.direnc.net/ROT">http://www.direnc.net/ROT</a>
Arduino Nano (Rev3.0)	1	\$7	\$7	<a href="http://www.direnc.net/Ardu">http://www.direnc.net/Ardu</a>
EasyDriver_v44	1	\$5	\$5	<a href="http://www.direnc.net/Easy">http://www.direnc.net/Easy</a>
Rectifier Diode (1N4007)	2	\$0.03	\$0.15	<a href="http://www.direnc.net/1N40">http://www.direnc.net/1N40</a>
Screw terminal - 2 pins	5	\$0.06	\$0.12	<a href="http://www.direnc.net/0-Nu">http://www.direnc.net/0-Nu</a>
header - 40 pins	1	\$0.10	\$0.10	<a href="http://www.direnc.net/1X40">http://www.direnc.net/1X40</a>
Generic shrouded header - 10 pins	1	\$0.07	\$0.07	<a href="http://www.direnc.net/10Lu">http://www.direnc.net/10Lu</a>
470Ω Resistor	2		\$0.01	<a href="http://www.direnc.net/470F">http://www.direnc.net/470F</a>
10kΩ Resistor	2		\$0.01	
220Ω Resistor	4		\$0.01	
Opto-Isolator 4N33	1	\$0.20	\$0.20	<a href="http://www.direnc.net/4N33">http://www.direnc.net/4N33</a>
		<b>Grand Total:</b>	<b>\$138</b>	