

Item	Quantity	Value	Total	Link	Notes
Linear Stage	1	\$60.00	\$60.00		Second Hand
Step Motor	1	\$17.38	\$17.38	http://www.ebay.co	
Motor Driver - A4988	1	\$1.20	\$1.20	http://www.ebay.co	If step motor requires more power, consider using DRV8825 instead
Arduino Nano	1	\$2.21	\$2.21	http://www.ebay.co	Try to buy a version which the pins comes seperately. Dont solder ICSP pins.
Bluetooth Module HC-05	1	\$3.34	\$3.34	http://www.ebay.co	You may need to solder new pins to stay in horizontal position.
PCB	1	\$5.50	\$5.50		You can make it at home or find locally someone to do. Web-order solutions are expensive.
Switch (PCB style, 90 degree angled)	2	\$0.32	\$0.64	http://www.ebay.co	This one is different then the ones I used. You may need to alter or make extra holes in the PCB
2.5mm jack (PCB)	1	\$0.50	\$0.50		There are two versions of this jack. You need to alter the PCB if you have the wide version.
Capacitor 100uf	1	\$0.02	\$0.02		
Resistor 10K 1/4W	2	\$0.01	\$0.02		
Resistor 47K 1/4W	2	\$0.01	\$0.02		
Resistor 30K 1/4W	2	\$0.01	\$0.02		
Reistor 470Ω 1/4W	2	\$0.01	\$0.02		
Resistor 1.5K 1/4W	1	\$0.01	\$0.01		
Resistor 1K 1/4W	1	\$0.01	\$0.01		
Power connector (2.1 or 2.5)	1	\$0.01	\$0.01	http://www.ebay.co	Depending on the power source, choose the 2.1mm or 2.5mm version
4N33 Optocoupler	1	\$0.50	\$0.50	http://www.ebay.co	
Terminal 3.5mm seperated	4	\$0.10	\$0.40		I bought 4x 2 hole terminals and used them in pairs. If there are 4 slotted ones available, thats ok
3d Print Material		\$6.00	\$6.00		This price is an estimation from the filament usage. Try to not ripped off.
			\$97.80		Power source excluded. Use a swtch power supply adapter with at least 2A.