Product #	Product Name	Quantity	Unit Cost	Total Cost	Link
545340	Tube Clamp	2	$5.99	$11.98	https://www.servoc
635262	Aluminum tubing 1ft	2	$4.49	$8.98	https://www.servoc
585546	Parallel Tube clamp	4	$5.99	$23.96	https://www.servoc
585458	Aluminum Channel 15"	1	$11.99	$11.99	https://www.servoc
605622	Micro Switch Mount A (2 pack)	1	$1.79	$1.79	https://www.servoc
634314	8mm Shaft 300mm	2	$4.69	$9.38	https://www.servoc
535210	Linear Ball Bearing pair	2	$3.99	$7.98	https://www.servoc
585628	Flat Channel Bracket A	2	$2.49	$4.98	https://www.servoc
632150	Snap Ring	4	$0.39	$1.56	https://www.servoc
615152	Timing belt (by the foot)	3	$3.59	$10.77	https://www.servoc
585502	Belt mount A	1	$3.99	$3.99	https://www.servoc
535220	Flanged Ball Bearing	1	$2.99	$2.99	https://www.servoc
632120	6-32 Socket Head Screw 3/4"	1	$2.79	$2.79	https://www.servoc
632114	6-32 Socket Head Screwv 1/2"	2	$2.19	$4.38	https://www.servoc
632106	6-32 Socket Head Screw 1/4"	2	$1.69	$3.38	https://www.servoc
632124	6-32 Socket Head Screw 1"	1	$3.19	$3.19	https://www.servoc
632142	6-32 Nylock Nuts	7	$1.59	$11.13	https://www.servoc
632144	Washers	2	$0.89	$1.78	https://www.servoc
555176	32mm Motor Clamp	1	$6.99	$6.99	https://www.servoc
585442	Alum Channel 3"	1	$3.99	$3.99	https://www.servoc
633142	12mm hole adapters	1	$1.99	$1.99	https://www.servoc
634292	6mm Precision Shaft	1	$1.49	$1.49	https://www.servoc
585424	90 Degree Single Angle Channel Bracket	6	$1.59	$9.54	https://www.servoc
545624	Faced Tapped Clamping Hubs (8mm)	4	$5.99	$23.96	https://www.servoc
638332	Motor w/ Encoder	1	$59.99	$59.99	https://www.servoc
13013	Mini Microswitch (2pk)	1	$3.95	$3.95	https://www.sparkfu
6157K12	Clamping Shaft Collar, for 1/4" Diameter	2	$2.20	$4.40	https://www.mcmas
585708	Dual 80/20® Mount	3	$2.99	$8.97	https://www.servoc
585707	Single 80/20® Mount	4	$2.99	$11.96	https://www.servoc
585710	80/20® 4ft	7	$12.99	$90.93	https://8020.net/10
3873	M6 Nut	40	$1.00	$40.00	https://8020.net/sho

Part #	Description	Qty	Unit Price	Total	Link
11-6312	M6 12mm BHSCS	40	$0.37	$14.80	https://8020.net/sh
25-4108	L Brackets	30	$2.75	$82.50	https://8020.net/sh
57105K16	XL Series lightweight timing belt pulleys	2	$7.61	$15.22	https://www.mcmas
47065T278	Tee Surface Bracket for 1" High Single Rail, Silver	2	$8.83	$17.66	https://www.mcmas
203353677	Power Strip	1	$4.97	$4.97	http://www.homede
301305041	Grounding Plug	1	$2.79	$2.79	http://www.homede
	24V150W Waterproof LED Driver IP67	1	$48.99*	$48.99	https://www.amazo
	12V100W Waterproof LED Driver IP68	1	$29.99	$29.99	https://www.amazo
196	Screw Shield	1	$14.95	$14.95	https://www.adafrui
85	Shield Stacking headers	1	$1.95	$1.95	https://www.adafrui
724	Terminal Block 2-Pin 3.5mm - Pack of 5	8	$2.95	$23.60	https://www.adafrui
254	Micro SD Card Breakout Board	1	$7.50	$7.50	https://www.adafrui
2692	MicroSD 8gb	1	$9.95	$9.95	https://www.adafrui
807	Driver Chip	10	$2.66**	$26.60	https://www.adafrui
2203	IC Socket - for 16-pin 0.3" Chips - Pack of 3	3	$0.95	$2.85	https://www.adafrui
344	Heat Shrink Pack	2	$4.95	$9.90	https://www.adafrui
8432	Screw Terminals 5mm Pitch (2-Pin)	3	$0.95	$2.85	https://www.sparkfu
11061	Arduino® Mega 2560 R3	1	$45.95	$45.95	https://www.sparkfu
10182	Monster Moto Shield	1	$69.95	$69.95	om/products/10182
512	usb-b & usb-a cable	1	$3.95	$3.95	https://www.sparkfu
14042	usb-b to wall socket	1	$1.95	$1.95	https://www.sparkfu
12794	Jumper Wires - (M/F) 20 pk	1	$1.95	$1.95	https://www.sparkfu
11709	Jumper Wires - (M/M) 20 pk	2	$4.95	$9.90	https://www.sparkfu
11367	Hook-Up Wire - Assortment (Solid Core, 22 AWG)	1	$16.95	$16.95	https://www.sparkfu
9181	Dome button	1	$9.95	$9.95	https://www.sparkfu
13061	Terminal Block - 6 Position (15A, 600V)	1	$2.95	$2.95	https://www.sparkfu
13062	Terminal Block - 12 Position (15A, 600V)	2	$4.95	$9.90	https://www.sparkfu
1776293-2	TE Connectivity	3	$1.20	$3.60	https://www.alliede
91828A211	M3 x 0.5 mm Thread Hex Nut	1	$5.55	$5.55	https://www.mcmas
91292A113	M3 x 0.5 mm Thread, 10 mm Long	1	$4.40	$4.40	https://www.mcmas
204853869	1/2 in. x 2 ft. x 2 ft. Poplar Plywood	1	$6.75	$6.75	http://www.homede
	PCB	3	$33.00	$99.00	See guide for buyin
	Guitar	1	$119.00	$119.00	http://www.zzounds
				$1,123.93	

These prices were recorded on August 10, 2017 only to give an estimate of the cost of the GuitarBot. The prices may change.

*This price was accurate on July 5, 2017, but has since gone out of stock.

**price only $2.66 if you buy 10-99

Strummer
Structure
Brains