

Mechanical BOM

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Note: This price is based on you being able to order exact amounts; If you are purchasing everything from scratch it will be much higher.

[Google Sheets Link](#)

Type	Tr Item	Quantity	Approx. Unit Cost	Approx. Total Cost	Tr Notes	Purchased / Completed
Printed Parts	base	1				<input type="checkbox"/>
Printed Parts	pillar_bottom_left	1				<input type="checkbox"/>
Printed Parts	pillar_top_left	1				<input type="checkbox"/>
Printed Parts	pillar_middle	1				<input type="checkbox"/>
Printed Parts	pillar_top_right	1				<input type="checkbox"/>
Printed Parts	pillar_bottom_right	1				<input type="checkbox"/>
Printed Parts	battery_holder	1				<input type="checkbox"/>
Printed Parts	s0	6				<input type="checkbox"/>
Printed Parts	s1	6				<input type="checkbox"/>
Printed Parts	s2	12				<input type="checkbox"/>
Printed Parts	s2_cover	12				<input type="checkbox"/>
Printed Parts	s3	6				<input type="checkbox"/>
Printed Parts	bearing_connector	18				<input type="checkbox"/>
Printed Parts	toes	6				<input type="checkbox"/>
Printed Parts	toe_cover	6				<input type="checkbox"/>
Printed Parts	feet_led_ring	1				<input type="checkbox"/>
Printed Parts	brace	1				<input type="checkbox"/>
Printed Parts	pcb_standoff	4				<input type="checkbox"/>
Bearings	<a href="#">Deep Groove Ball Bearings, ID 8mm x OD 14mm x Width 4mm</a>	14	\$0.50	\$7.00		<input type="checkbox"/>
Screws	<a href="#">M4 x 14 Knurled-Head Thumb Screw</a>	5	\$5.90	\$29.50		<input type="checkbox"/>
Screws	<a href="#">M4 x 55 Hex Drive Socket Head Screw</a>	12	\$0.95	\$11.38		<input type="checkbox"/>
Screws	<a href="#">M4 x 60 Hex Drive Socket Head Screw</a>	12	\$0.25	\$3.00		<input type="checkbox"/>
Screws	<a href="#">M3 x 10 Hex Drive Flat Head Screw</a>	57	\$0.07	\$4.17		<input type="checkbox"/>
Screws	<a href="#">M3 x 8 Hex Drive Button Head Screw</a>	12	\$0.08	\$0.96	Attaches leg pcb to S0	<input type="checkbox"/>
Screws	<a href="#">M4 x 10 Hex Drive Flat Head Screw</a>	72	\$0.07	\$5.26		<input type="checkbox"/>
Screws	<a href="#">M2.5 x 16 Hex Drive Button Head Screw</a>	4	\$0.04	\$0.14	Raspberry Pi + Shield Attachment	<input type="checkbox"/>
Heat Set Inserts	<a href="#">M2.5 x 5.8 Heat Set Insert</a>	4	\$0.13	\$0.51		<input type="checkbox"/>
Heat Set Inserts	<a href="#">M3 x 5 x 4 Heat Set Insert</a>	27	\$0.12	\$3.24		<input type="checkbox"/>
Heat Set Inserts	<a href="#">M4 x 4.7 Heat Set Insert</a>	77	\$0.14	\$10.78		<input type="checkbox"/>
Magnets	<a href="#">25 x 5 x 3 Neodymium Magnets Bars</a>	48	\$0.33	\$16.00	S2 + S2 Covers	<input type="checkbox"/>
Dowel Pin	<a href="#">5mm x 40mm Stainless Steel Dowel Pin</a>	6	\$1.20	\$7.22	Toes	<input type="checkbox"/>
Springs	<a href="#">0.65*7*20mm Compression Spring</a>	6	\$0.04	\$0.25	Toes	<input type="checkbox"/>
Springs	<a href="#">0.7*7*20mm Compression Spring</a>	6	\$0.04	\$0.25	Toes	<input type="checkbox"/>
Total				\$99.66		<input type="checkbox"/>