

Project:

Quadruped RC - Critter Robot

Issued: 24/08/2018

Part	Qty	Unit Price (£'s)	Cost (£'s)	Supplier	Comments
1N4006 Rectifier Diode 800V	10	£0.14	£1.40	ebay	Sunk cost
2mm x 10mm Steel Pozi Screws	60	£0.03	£1.56	Amazon	Can be re-used on other projects
2.4GHz Wireless Serial Transparent Transceiver Module	2	£2.17	£4.34	DX	Can be re-used on other projects
6mm Conductive Copper Foil Tape	30	£5.67	£0.85	ebay	Sunk cost - cost per cm
Arduino NANO	2	£2.20	£4.40	ebay	Can be re-used on other projects
Batteries 18650 Lithium 3.7v 3000mAh	2	£3.25	£6.50	ebay	Can be re-used on other projects
Battery 9v PP3 - Rechargeable	1	£5.99	£5.99	Amazon	Can be re-used on other projects
Battery 9v PP3 Connector	1	£0.00	£0.00	ebay	Salvaged from an old PP3 battery
Battery Box - 2 x 18650	1	£2.35	£2.35	ebay	Can be re-used on other projects
Black Nunchuck Video Game Controller For Nintendo Wii	1	£2.34	£2.34	ebay	Can be re-used on other projects
DC Power Plug	1	£0.29	£0.29	ebay	Can be re-used on other projects
DC Power Socket	1	£0.15	£0.15	ebay	Sunk cost
LED - Red	6	£0.05	£0.30	ebay	Sunk cost
M3 x 30mm Nylon C-Sunk screws	6	£0.07	£0.41	RS Components	Can be re-used on other projects
MG90D Metal Gear Digital Servo	8	£4.65	£37.20	HobbyKing	Can be re-used on other projects
Pin Header Strips Female 1 x 40	65	£0.28	£0.46	ebay	Can be re-used - cost per pin
Pin Header Strips Male 1 x 40	28	£0.99	£0.69	ebay	Can be re-used - cost per pin
Resistors 1/4 W	9	£0.03	£0.24	RS Components	Sunk cost
Ribbon Cable N-ways	8	£0.06	£0.48	ebay	Sunk cost - cost per wire
Toggle Switch SPDT 1.5~3A@250 AC	1	£0.74	£0.74	DX	Can be re-used on other projects
Battery Charger - 2 slot Lii-202 18650	1	£6.99	£6.99	ebay	Optional - Can be re-used on other projects
Soft-melt Glue	1	£0.30	£0.30	Wilko	Sunk cost - estimate
1.75mm PLA Filament 1kg reel	0.25	£9.00	£2.25	ebay	Sunk cost - estimate
		Total:	£80.23		
		Optional:	£6.99		Can be re-used on other projects
		Re-use:	£67.27		Can be re-used on other projects
		Sunk:	£5.97		Sunk cost

Notes:

Prices are indicative. Bulk purchases may be required to achieve figures. ie. LEDs, screws, etc
 Use of ribbon cable for wiring is an estimate
 Consumables like solder, flux, hook-up wire, etc are not included here, but are needed.