

Part	Qty	Unit Price (£'s)	Cost (£'s)	Supplier	Comments
Robot					
1N4006 Rectifier Diode 800V	8	£0.14	£1.12	ebay	Sunk cost
2mm x 10mm Miniature Steel Pozzi Screws	24	£0.03	£0.76	Amazon	Can be re-used on other projects
2.4G Wireless Serial Transparent Transceiver Module	1	£2.45	£2.45	DX	Can be re-used on other projects
48mm Omni Wheel for LEGO NXT and Servo Motor	4	£6.02	£24.08	Active Robots	Can be re-used on other projects
5.6x17.5mm compression spring, Amtech S6210	1	£0.04	£0.04	Amazon	Can be re-used on other projects
6mm Conductive Copper Foil Tape	1	£5.67	£0.03	ebay	Sunk cost - cost per cm
Arduino NANO ATmega328 CH340	1	£2.13	£2.13	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
Button Switch 6x6x5mm	1	£0.02	£0.02	ebay	Sunk cost
DC Power Socket 2.1mm	1	£0.15	£0.15	ebay	Sunk cost
Dual Channel PWM Speed DC Motor Driver Board MX1616	3	£3.59	£10.78	Amazon	Can be re-used on other projects
LED - Green	3	£0.05	£0.15	ebay	Sunk cost
LED - Red	3	£0.05	£0.15	ebay	Sunk cost
M3 x 30mm Nylon C-Sunk screws	41	£0.07	£2.80	RS Components	Can be re-used on other projects
M4 x 25mm Nylon C-Sunk screws	3	£0.07	£0.20	RS Components	Can be re-used on other projects
MPU-6050 3-axis accelerometer	1	£0.99	£0.99	ebay	Can be re-used on other projects
Pin Header Strips Female 1 x 40	2	£0.28	£0.01	ebay	Can be re-used - cost per pin
Pin Header Strips Male 1 x 40	1	£0.99	£0.02	ebay	Can be re-used - cost per pin
Resistors 1/4 W	1	£0.03	£0.03	RS Components	Sunk cost
Toggle Switch SPDT 5A@250 AC	1	£0.95	£0.95	RS Components	Can be re-used on other projects
		Sub-total:	£51.73		Can be re-used on other projects
		Sub-total:	£1.65		Sunk cost

Wireless Controller

1N4006 Rectifier Diode 800V	1	£0.14	£0.14	ebay	Sunk cost
2.4G Wireless Serial Transparent Transceiver Module	1	£2.45	£2.45	DX	Can be re-used on other projects
Arduino NANO ATmega328 CH340	1	£2.13	£2.13	ebay	Can be re-used on other projects
Battery 9v PP3 Rechargeable Duracell	1	£5.79	£5.79	Amazon	Can be re-used on other projects
LED - Blue	1	£0.05	£0.05	ebay	Sunk cost
M3 x 30mm Nylon C-Sunk screws	5	£0.07	£0.34	RS Components	Can be re-used on other projects
Pin Header Strips Female 1 x 40	1	£0.28	£0.28	ebay	Sunk cost
PP3 Battery snap clip	1	£0.39	£0.39	ebay	Sunk cost
Resistors 1/4 W	3	£0.03	£0.08	RS Components	Sunk cost
Toggle Switch SPDT 5A@250 AC	1	£0.95	£0.95	RS Components	Can be re-used on other projects
Wiichuck adapter	1	£0.99	£0.99	ebay	Sunk cost
		Sub-total:	£11.66		Can be re-used on other projects
		Sub-total:	£1.93		Sunk cost
Soft-melt Glue	1	£0.30	£0.30	Wilko	Sunk cost
1.75mm PLA Filament 1kg reel	0.25	£21.00	£5.25	3DPrintz	Sunk cost
Unibond No More Nails Wood Glue	1	£1.00	£1.00	Wilko	Sunk cost
PVA Glue	1	£0.20	£0.20	Wilko	Sunk cost
		Total:	£73.72		
		Re-use:	£63.39		Can be re-used on other projects
		Sunk:	£10.33		Sunk cost

Notes:

Prices are indicative and exclude postage. Bulk purchases may be required to achieve figures. ie. LEDs, screws, etc
 Consumables like solder, flux, hook-up wire, etc are not included here, but are needed.
 3-D printer is an estimate, but 1kg reel will do the job.