

## Project:

## BalanceBot

Part	Qty	Unit Price (£'s)	Cost (£'s)	Supplier	Comments
11.1v 1500mAh Lipo Battery 3S 35C with XT60 plug	1	£12.50	£12.50	Amazon	Can be re-used on other projects
1N4006 Rectifier Diode 800V	2	£0.64	£1.28	ebay	Sunk cost
2.4G Wireless Serial Transparent Transceiver Module	2	£2.17	£4.34	DX	Can be re-used on other projects
7V-26V DC-DC To 5V Fixed Output Step Down Module	1	£0.99	£0.99	ebay	Can be re-used on other projects
Arduino NANO Mini USB v3.0 Atmega328P CH340G	2	£1.74	£3.48	ebay	Can be re-used on other projects
Battery 9v PP3	1	£0.99	£0.99	Poundland	Can be re-used on other projects
Black Nunchuck Nunchuk Video Game Controller For Nintendo Wii	1	£2.34	£2.34	ebay	Can be re-used on other projects
DC Power Socket	1	£0.61	£0.61	ebay	Sunk cost
DRV8825 StepStick Stepper Motor Driver	2	£1.49	£2.98	ebay	Can be re-used on other projects
LED - Green	2	£0.02	£0.04	ebay	Sunk cost
LED - Red	2	£0.02	£0.04	ebay	Sunk cost
MPU-6050 3-axis accelerometer	1	£1.04	£1.04	ebay	Can be re-used on other projects
Nema14 35 BYGHW Stepper Motor	2	£9.57	£19.14	ebay	Can be re-used on other projects
Nylon M3 x 30mm C-Sunk screws	22	£0.07	£1.50	RS Components	Can be re-used on other projects
Power Plug	1	£0.56	£0.56	ebay	Can be re-used on other projects
Resistors 1/4 W	5	£0.03	£0.14	RS Components	Sunk cost
Toggle Switch SPDT 1.5~3A@250 AC	2	£0.74	£1.48	DX	Can be re-used on other projects
3mm bolts	8	£0.30	£2.40	Amazon	Can be re-used on other projects
Soft-melt Glue	1	£0.30	£0.30	Wilko	Sunk cost
1.75mm PLA Filament 1kg reel	0.75	£9.00	£6.75	ebay	Sunk cost
		Total:	£62.90		
		Re-use:	£53.74		Can be re-used on other projects
		Sunk:	£9.16		Sunk cost

### Notes:

Consumables like solder, flux, hook-up wire, etc are not included here, but are needed.

Some prices are based on minimum multi-buy quantities