

**Project:**

**Wii Nunchuk Wireless Link**

Issued: 20/06/2020

Part	Qty	Unit Price (£'s)	Cost (£'s)	Supplier	Comments
1N4006 Rectifier Diode 800V	3	£0.80	£2.40	ebay	Sunk cost
2.4GHz Wireless Serial Transparent Transceiver Module	2	£2.17	£4.34	AliExpress	Can be re-used on other projects
Arduino NANO	2	£2.20	£4.40	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
Nunchuk Video Game Controller For Nintendo Wii	1	£3.97	£3.97	ebay	Can be re-used on other projects
LED - Blue	1	£0.05	£0.05	ebay	Sunk cost
M3 x 30mm Nylon C-Sunk screws	4	£0.07	£0.27	RS Components	Can be re-used on other projects
Pin Header Strips Female 1 x 40	60	£0.28	£0.42	ebay	Can be re-used - cost per pin
Pin Header Strips Male 1 x 40	3	£0.99	£0.07	ebay	Can be re-used - cost per pin
Resistors 1/4 W	6	£0.03	£0.16	RS Components	Sunk cost
Toggle Switch SPDT 1.5~3A@250 AC	1	£0.39	£0.39	DX.com	Can be re-used on other projects
Wii Nunchuk Adapter Shield	1	£1.29	£1.29	ebay	Can be re-used - cost per pin
Wii Nunchuk handset - motion controller	1	£10.99	£10.99	ebay	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:	£37.30		
		Re-use:	£30.35		Can be re-used on other projects
		Sunk:	£6.95		Sunk cost

**Notes:**

Prices are indicative. Bulk purchases may be required to achieve these figures. ie. LEDs, resistors, screws, etc

Wire wrapping wire (various colours) is needed but not included in the above costs

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.

You will need tools, including M3 tap and wire wrapper