

Project:

Wii WEMOS D1 Wireless Link

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Part	Qty	Unit Price (£'s)	Cost (£'s)	Supplier	Comments
1N4006 Rectifier Diode 800V	1	£0.11	£0.11	ebay	Sunk cost
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
Display 0.96inch white 64x128 OLED I2C	1	£2.60	£2.60	AliExpress	Can be re-used on other projects
M3 x 30mm Nylon C-Sunk screws	4	£0.07	£0.27	RS Components	Can be re-used on other projects
Mini DC-DC 12-24V To 5V 3A Step Down Power Supply Module	1	£1.60	£1.60	AliExpress	Sunk cost
Mini Micro Button Switch 6x6x5 mm	1	£0.03	£0.03	Amazon	Sunk cost
Nunchuck Video Game Controller For Nintendo Wii	1	£3.97	£3.97	ebay	Can be re-used on other projects
Pin Header Strips Male 1 x 6 pin	1	£0.10	£0.10	ebay	Sunk cost
Pin Header Strips Female 1 x 6 pin	1	£0.10	£0.10	ebay	Sunk cost
Resistors 1/4 W	1	£0.03	£0.03	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
WEMOS D1 mini microcontroller	1	£2.25	£2.25	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	0.125	£24.00	£3.00	3DPrintz	Sunk cost - estimate
			Total:		
			Re-use:	£15.47	Can be re-used on other projects
			Sunk:	£6.56	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