

## Project:

## TrackBot 2

Part	Qty	Unit Price (£'s)	Cost (£'s)	Supplier	Comments
1N4006 Rectifier Diode 800V	7	£0.14	£0.98	ebay	Sunk cost
2mm x 10mm Steel Pozi Screws	11	£0.03	£0.29	Amazon	Can be re-used on other projects
6mm Conductive Copper Foil Tape	10	£5.67	£0.28	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	2	£0.02	£0.05	ebay	Sunk cost
FS90R Feetech Continuous 360 Servo Motor + wheel	2	£6.75	£13.50	Amazon	Can be re-used on other projects
Infrared TCRT5000 Line follow sensor	3	£2.50	£7.49	Amazon	Can be re-used on other projects
LED - Blue	3	£0.05	£0.15	ebay	Sunk cost
LED - Red	2	£0.05	£0.10	ebay	Sunk cost
M3 x 30mm Nylon C-Sunk screws	9	£0.07	£0.61	RS Components	Can be re-used on other projects
Mini Micro Button Switch	2	£0.01	£0.02	ebay	Sunk cost
Pin Header Strips Male 1 x 40	1	£0.99	£0.02	ebay	Sunk cost
Resistors 1/4 W	6	£0.03	£0.16	RS Components	Sunk cost
Toggle Switch SPDT 5A@250 AC	1	£0.95	£0.95	RS Components	Sunk cost
1.75mm PLA Filament 1kg reel	0.25	£9.00	£2.25	ebay	Sunk cost
		Total:	£35.49		
		Re-use:	£30.52		Can be re-used on other projects
		Sunk:	£4.97		Sunk cost

### Notes:

- Prices are indicative. Bulk purchases may be required to achieve figures. ie. LEDs, screws, etc
- Rechargeable batteries will require a charger; not included
- Use of ribbon cable for wiring is an estimate
- 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.