Detect Me Not - parts list as at end Sep 2026

Part	Supplier	Part no	Notes	URL	Cost per single kit
	NOTE: the following parts are available from many different suppliers, - e.g Altronics, Jaycar, element 14, Mouser, Digikey, Aliexpress, eBay etc. Suppliers listed below and links are just a suggestion to make it easier. Often the links below will no longer work after a while as the suppliers change part numbers, so you may have to find alternatives.				
	Kit has been costed for just 1 kit, the price will reduce significantly for larger quantities, prices do not include freight.				
Recommended 9V PCB Mount battery holder	Altronics	S5048		https://www.altronics.com.au/p/s5048-9v-battery-holder-pcb-mount/	1.6
Notes	Use double sided tape to hold the battery holder on to the board regardless of the type used, to take the strain off the pins when the batteries are replaced - see below for recommendations				
Double sided tape	Will get 172 kits worth of tape on 1 roll	Get the 10mm width, 10M length and 2MM thickness (more economical and use this on all my kits)		https://www.aliexpress.com/item/1005003980172009.html?spm=a2g0o.order_list.order_list_main.5.68701802j53BLI	0.02
Tape for the Battery Pins	eBay	1 roll will do 4000 kits	20mm wide Kapton tape	https://www.ebay.com.au/itm/204367092422?_skw=20mm+kapton+tape&itmmeta=01M5K3YS1Y7A6M9EFASDJV7J93&hash=item2f953a5ac6:g:GN8AAOSwy4pkiXi2&itmprp=enc:AQALAAAA0CHNgUiiE/jQhlDTaMiAde9wU6MQONBBhxFK12x1Hn0ABUxH2Hj2NcBJIlJW+uM35j1oW5Ns6Sq0epOo6cRG0Gz8kpKtidpHAAWOyxzkPyHN76bP2Q2D/L1mQ6x8Cur8hVYgvhRMgpemCqX/0A17XU28XXxuYJu4JD5UCJkHiTxP7IlnTSYMlhi5h2QAk8OMqdy36R4YSDFrspNS5SvA+tcGJzcwJWLbTM/Olq7ZYSXdb7JtYoeMYtE/taQTeGp8RNIq83nu5m5V/vISMt113t98=|tkp:BIBMUJaR--OsaA&var=504912553178	0.01
LED	Aliexpress	Red	5mm Red Diffused	https://www.aliexpress.com/item/32283531722.html?spm=a2g0o.order_list.order_list_main.78.6a511802o7917d	0.06
	Mouser	C513A-WSN-CW0Z0151	Same as the tent light LED. 5mm White LED, 9000K Cool white, 55 degrees, 6900mcd clear lens	https://au.mouser.com/en/ProductDetail/Cree-LED/C513A-WSN-CW0Z0151?qs=ua4hlysp8dLnKG7Lvxh6%252Bg%3D%3D&srsltid=AU7gw4UVOYZS3Z1oAdKkqGeeWrpM-6NFlLDPQrgKS55R6vYJwQ9ALMIZ	0.42
Resistors	**NOTE: Hole spacing on the PCB for the resistors is 10mm, so only use 1/4w resistors as these have a 6.8 mm body width. Also recommend using the 4 colour code 5% Carbon film resistors, as its easier to read the code an you dont need 1 or 2% accuracy for this circuit.**				
R1		1K	Get 1/4W Carbon film resistor		0.06
R2		270 ohms for a white led, or 1K ohms for a red or			0.06
R3		180 ohms			0.06
Buzzer	Aiexpress	TMB12A05	Get the 5V **active buzzer**	https://www.aliexpress.com/item/32914327679.html?spm=a2g0o.productlist.main.1.65521045MffvdQ&algo_pvid=890afbfc-a7d9-4636-9fbf-c1a901f839ee&algo_exp_id=890afbfc-a7d9-4636-9fbf-c1a901f839ee-0&pdp_ext_f={"order":"82","eval":"1","fromPage":"search"}&pdp_npi=6@dis!AUD!1.75!1.75!!!1 2111 211@2101ca9517905796139948982e1272!12000034614777489!sea!AU!4177334621!X!1!0!n_tag:-29919;d:55a7b298;m03_new_user:-29895&curPageLogUid=ImCMgkh0510s&utparam-url=scene:search|query_from:|x_object_id:32914327679|_p_origin_prod:	$0.25
Switch	Aliexpress	SK23D07		https://www.aliexpress.com/item/1005005548089814.html?spm=a2g0o.order_list.order_list_main.35.6a511802o7917d	$0.40
Passive infrared sensor	SR602		In lots of 10	https://www.aliexpress.com/item/1005008805375460.html?spm=a2g0o.order_list.order_list_main.11.8ce21802BotSrV	1.29
Transistor	Element14	BC547	in lots of 100	https://www.aliexpress.com/item/1005011881512740.html?spm=a2g0o.productlist.main.4.5c3124d2l6kn2K&aem_p4p_detail=20260928001849111398187940228300027596278algo_pvid=7da6b38-004b-4de4-9c77-759a79e989b9&algo_exp_id=7da6b38-004b-4de4-9c77-759a79e989b9-3&pdp_ext_f={"order":"128","spu_best_type":"price","eval":"1","fromPage":"search"}&pdp_npi=6@dis!AUD!4.14!4.14!!!9.24!9.24!!@2101d9ef17905799299252858e0fa2!12000056865991500!sea!AU!41773346210!1!0!n_tag:-29919;d:55a7b298;m03_new_user:-29895&curPageLogUid=TrsdWkM7Zgn5&utparam-url=scene:search|query_from:|x_object_id:1005011881512740|_p_origin_prod:&search_p4p_id=20260928001849111398187940228300027596278_1	0.04
Board	PCBWAY		in lots of 10, cheaper in larger quantities		$1.50
Battery	eBay	10 pack	Cheaper in larger quantities.	https://www.ebay.com.au/itm/196273583739?mkevt=1&mkpid=2&emsid=e90001.m161799.l174484&plmtId=700008&mesgId=3015&mkcid=8&osub=6e347fff6feb2f16bd0c34b9506ce935%7ETE81007_T_ALL&segname=TE81007_T_ALL&crd=20260830160000&ch=osgood&bu=43943743934&trkId=619c0e4f-ba67-35fd-9f98-90e09260986c&cnvId=700003&recoId=196273583739&recoPos=1	$1.70
				Total - Cheapest prices	**$7.47**