

Bill Of Materials for Sistema de localización de mascotas

Design Title	Sistema de localización de mascotas
Author	Verónica Lechón
Document Number	1
Revision	2
Assembly Variant	Mascota
Design Created	lunes, 14 de julio de 2025
Design Last Modified	miércoles, 5 de noviembre de 2025
Total Parts In Design	24

Notes

Falta el IVA (21%)

2 Modules

Quantity	References	Value	PCB Package	Farnell code	Cost
1	M1	GPS_TEL0132	GPS_TEL0132	3769990	17,17€
1	M2	LAMBDA62-8D	LAMBDA628D	2988568	16,55€

Sub-totals:

33,72€

4 Capacitors

Quantity	References	Value	PCB Package	Farnell code	Cost
3	C1-C3	22uF	0805	1867955	0,390€
1	C4	100nF	0805	1708716	0,103€

Sub-totals:

1,27€

7 Resistors

Quantity	References	Value	PCB Package	Farnell code	Cost
1	R1	10k	0805	9335765	0,0241€
1	R2	71k5	0805	2073227	0,0089€
1	R3	0R1	0805	2824733	0,211€
1	R4	2K2	0805	2671151	0,0149€
1	R5	220R	0805	1100068	1,49€
1	R6	0R	1206_RES	2824733	0,211€
1	R7	10k	0805_RES	1160207	0,714€

Sub-totals:

2,67€

2 Integrated Circuits

Quantity	References	Value	PCB Package	Farnell code	Cost
1	U1	MCP1725ADJ	SO8	1834878	0,690€
1	U2	MCP73831/2	SOT23-5	1851961	0,710€

Sub-totals:

1,40€

1 Diodes

Quantity	References	Value	PCB Package	Farnell code	Cost
1	D1	KA-3022SRC-4.5SF	SOD123_K	3434708	0,591€

Sub-totals:

0,59€

8 Miscellaneous

Quantity	References	Value	PCB Package	Farnell code	Cost
4	3V7,3V3M, GPS_RX,GPS_TX	PIN	PIN		
1	ANT1	ANTENA_PCB	ANT_PCB		
1	BAT1	LIP0 BAT	NULL	https://tienda.bricogeek.com/baterias-lipo/55-bateria-lipo-2000mah.html	13,48€
1	J2	530480310	530480310	9732918	0,354€

1	PICO1	RASPBERRY PI PICO	RASPBERRY PI PICO	3643332	3,520€
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Sub-totals:

17,35€

Totals:

57,01€

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