

Bill Of Materials for Taller Proyectos 1. Datalogger

Design Title	Taller Proyectos 1. Datalogger
Author	Grupo 4
Document Number	1
Revision	1
Board	PCB2-Sensors
Design Created	viernes, 10 de octubre de 2025
Design Last Modified	viernes, 10 de octubre de 2025
Total Parts In Design	53

Notes

Falta el IVA (21%)

5 Modules

Quantity	References	Value	Stock Code	Unit Cost
1	M1	BME680_MODULE	Farnell 3932094	€18,39
1	M2	GP2Y1010AU0F	Farnell 9707956	€8,64
1	M3	GPS_TEL09132	Farnell 3769990	€17,17
1	M4	SEN0134	Farnell 2946118	€7,80
1	M2_ON	PIN		€0,00
Sub-totals:				€52,00

6 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
3	C1-C3	1uF	Digikey 478-1409-2-ND	€0,12
2	C4-C5	10uF		€0,10
1	C6	EEEFK1V221P		€0,60
Sub-totals:				€1,16

11 Resistors

Quantity	References	Value	Stock Code	Unit Cost
6	R1-R2,R5-R7,R11	10k	Digikey 311-10.0KCCT-ND	€0,09
1	R3	6k8		€0,09
1	R4	1k2	Digikey 311-10KADKR-ND	€0,09
1	R8	820R		€0,09
1	R9	470R		€0,09
1	R10	150R	Digikey 311-10KADKR-ND	€0,09
Sub-totals:				€0,99

3 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
1	U1	MS8607-02BA01	Digikey 223-1701-2-ND	€9,20
1	U2	MCP3004	Farnell 1852016	€2,63
1	U3	XC9141B50DMR-G	Farnell 3535653	€1,05
Sub-totals:				€12,88

4 Transistors

Quantity	References	Value	Stock Code	Unit Cost
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3	Q1,Q4-Q5	MMBT3904-7-F	Digikey MMBT3904FSTR-ND	€0,10
1	Q2	NDS332P	Digikey NDS332PTR-ND	€0,52
Sub-totals:				€0,82
0 Diodes				
Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				€0,00
24 Miscellaneous				
Quantity	References	Value	Stock Code	Unit Cost
21	3V3,5V_CE,5V_M4,5V_UP,ADCCS,BMECS,CH0-CH3,EN1V4,EN5V,GND,GPS_RX,GPS_TX,ICEMISO,ICEMISO1,ICEMOSI,ICESCK,SCL,SDA	PIN		€0,00
2	J1-J2	M20-6102045	Farnell 1569230	€5,32
1	L1	LQH5BPN4R7NT0L	Farnell 2219307	€0,32
Sub-totals:				€10,96
Totals:				€78,81