

Bill Of Materials for Taller Proyectos 1. Datalogger

Design Title	Taller Proyectos 1. Datalogger
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Document Number	1
Revision	1
Board	PCB2-Sensors
Design Created	miércoles, 21 de septiembre de 2022
Design Last Modified	viernes, 24 de octubre de 2025
Total Parts In Design	53

Notes

Falta el IVA (21%)

5 Modules

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
1	M1	BME680_MODULE	BME680_MODULE	Mouser BME680	18,39€
1	M2	GP2Y1010AU0F	GP2Y1010AU0F	Farnell 9707956	8,64€
1	M3	GPS_TEL09132	GPS_TEL0132	Farnell 3769990	17,17€
1	M4	SEN0134	SEN0134	Farnell 2946118	7,80€
1	M2_ON	PIN	PIN		
Sub-totals:					52,00€

6 Capacitors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
3	C1,C2,C3	1uF	0805	.	0,12€
2	C4,C5	10uF	0805	.	0,10€
1	C6	EEEFK1V221P	EEHZZT1E331UP	Farnell 9695877	0,60€
Sub-totals:					1,16€

11 Resistors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
6	R1,R2,R5,R6,R7,R11	10k	0805	.	0,09€
1	R3	6k8	0805	.	0,09€
1	R4	1k2	0805	.	0,09€
1	R8	820R	0805	.	0,09€
1	R9	470R	0805	.	0,09€
1	R10	150R	0805	.	0,09€
Sub-totals:					0,99€

3 Integrated Circuits

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
1	U1	MS8607-02BA01	QFN_5X3_NEG	Farnell 2748850	9,20€
1	U2	MCP3004	DIL14	Farnell 1523365	2,63€
1	U3	XC9141B50DMR-G	SOT23-5	Farnell 3535653	1,05€
Sub-totals:					12,88€

4 Transistors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
3	Q1,Q3,Q4	MMBT3904-7-F	SOT95P230X109-3	Farnell 1773602	0,10€
1	Q2	NDS332P	SOT23	Farnell 1471069	0,52€
Sub-totals:					0,82€
24 Miscellaneous					
Quantity	References	Value	PCB Package	Stock Code	Unit Cost
21	3V3,5V_CE,5V_M4,5V_UP,ADCCS,BMECS,CH0,CH1,CH2,CH3,EN1V4,EN5V,GND,GPS_RX,GPS_TX,ICEMISO,ICEMOSI,ICESCK,P25,SCL,SDA	PIN	PIN		
2	J1,J2	M20-6102045	CONN-DIL40-ROUND	Farnell 1569230	5,32€
1	L1	LQH5BPN4R7NT0L	LQH5BPB100MT0L	Farnell 2219307	0,32€
Sub-totals:					10,96€
Totals:					78,81€