

Bill Of Materials for TP 1. Datalogger for IoT

Design Title	TP 1. Datalogger for IoT
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Document Number	1
Revision	1
Board	PCB2-Sensors
Design Created	miércoles, 21 de septiembre de 2022
Design Last Modified	lunes, 16 de enero de 2023
Total Parts In Design	56

Notes

Falta el IVA (21%)

4 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	M1	GPS_TEL09132	3769990	17,75€
1	M2	BME680_MODULE	3932094	22,41€
1	M3	SEN0134	2946118	7,44€
1	M4	GP2Y1010AU0F	9707956	9,50€

Sub-totals: 57,10€

6 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
3	C1,C4-C5	1uF	2280849	0,14€
2	C2-C3	10uF	2320887	0,83€
1	C6	MCVVT010M221EA6L	2611351	0,18€

Sub-totals: 2,26€

11 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
6	R1-R3,R5-R6,R10	10k	1174160	0,01€
1	R4	6k8	1469831	0,04€
1	R7	470R	9233334	0,01€
1	R8	820R	1576627	0,08€
1	R9	1k2	3133435	0,04€

1	R11	150R	9240896	0,05€
Sub-totals:				0,26€
3 Integrated Circuits				
Quantity	References	Value	Stock Code	Unit Cost
1	U1	XC9141B50DMR-G	3535653	1,12€
1	U2	MS8607-02BA01	2748850	7,11€
1	U3	MCP3004-I/SL	1852016	2,78€
Sub-totals:				11,01€
4 Transistors				
Quantity	References	Value	Stock Code	Unit Cost
3	Q1-Q2, Q4	MMBT3904	1773602	0,13€
1	Q3	NDS332P	1471069	0,41€
Sub-totals:				0,80€
0 Diodes				
Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				0,00€
28 Miscellaneous				
Quantity	References	Value	Stock Code	Unit Cost
24	3V3, ADC_CS, BME_CS, CH0-CH3, DUST_CTRL, DUST_ON, DUST_VO, GAS_1V4CTRL, GAS_5VCTRL, GAS_IN, GND, GPS_PPS, GPS_RX, GPS_TX, ICE_MISO, ICE_MOSI, ICE_SCK, SCL, SDA, STUP_5V, STUP_CE	PIN		
2	J1-J2	M20-6102045	1569230	5,51€
1	J3	ZHR-6	3357570	0,10€
1	L1	LQH5BPN4R7NT0L	2219307	0,31€
Sub-totals:				11,42€
Totals:				82,85€

