Bill Of Materials for TP 1. Datalogger for IoT

Design Title   TP 1. Datalogger for IoT
Author   Óscar.M, Pablo.V, Ruben.S, Andrés.M
Document Number   1
Revision   1
Board   PCB2-Sensors
Design Created   miércoles, 21 de septiembre de 2022
Design Last Modified   jueves, 3 de noviembre de 2022
Total Parts In Design   48

Notes

Falta el IVA (21%)

4 Modules

Quantity	References	Value	Stock Code	Unit Cost
1	M1	GPS_TEL09132	3769990	17,75€
1	M2	SEN0134	2946118	7,44€
1	M3	GP2Y1010AU0F	9707956	9,75€
1	M4	BME680_MODULE	101020513	22,41€
Sub-totals:				57,35€

4 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
2	C1-C2	10uF	2408565	0,04€
2	C3-C4	1uF	2346884	0,07€
Sub-totals:				0,21€

10 Resistors

Quantity	References	Value	Stock Code	Unit Cost
2	R1,R3	470	2074468	0,02€
2	R2,R4	2k7	2073713	0,02€
1	R5	390	2074253	0,01€
3	R6-R7,R9	1k	2073606	0,02€
1	R8	8k2	1469957	0,07€
1	R10	3k9	2331527	0,00€
Sub-totals:				0,21€

3 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost

1	U1		MCP3004-I/SL	1852016	2,97€
1	U3		MS8607-02BA01	2748850	7,11€
1	U4		XC9141B50DMR-G	3535653	0,95€
Sub-totals:					11,03€

5 Transistors

Quantity	References	Value	Stock Code	Unit Cost
3	Q1,Q3,Q5	MMBT3903	Digikey MMBT3903DITR-ND	
2	Q2,Q4	NDS332P	1471069	0,42€
Sub-totals:				0,85€

0 Diodes

Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				0,00€

22 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
19	/ADC_CS,/BME_CS,ADC_CH0-ADC_CH1,DUST_CTRL,DUST_IN,DUST_VO,GAS_1V4CTRL,GAS_5VCTRL, GAS_IN,GAS_VO,GPS_PPS,GPS_RXD,GPS_TXD,SDA,STEPUP_CE,S_MISO,S_MOSI,S_SCK	PIN		
2	J1-J2	M20-6102045	1569230	4,75€
1	L1	LQH5BPN4R7NT0L	2219307	0,43€
Sub-totals:				9,94€

Totals:				79,59€

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