

Bill Of Materials for TP 1. Datalogger for IoT

Design Title TP 1. Datalogger for IoT
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Revision 1
Board PCB1-FPGA
Design Created miércoles, 21 de septiembre de 2022
Design Last Modified jueves, 20 de octubre de 2022
Total Parts In Design 93

Notes

Falta el IVA (21%)

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				0,00€

20 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
14	C1-C8,C11-C13,C16-C17,C20	100nF	2320839	0,10€
4	C9-C10,C14-C15	10uF	2408565	0,04€
2	C18-C19	22nF	2310684	0,01€
Sub-totals:				1,55€

50 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
6	R1,R9-R10,R14,R49-R50	10k	3226745	0,05€
1	R2	33k	3133469	0,01€
2	R3-R4	100R	1652906	0,14€
3	R5-R7	2k2	1469887	0,07€
2	R8,R48	0R1	8067708	0,40€
1	R11	12k	1469865	0,06€
1	R12	4k7	1469923	0,05€
1	R13	1k5	1652940	0,09€
4	R15-R18	680R	1653028	0,09€
9	R19,R21,R23,R28,R30,R32,R37,R39,R41	180R	1652931	0,07€
15	R20,R22,R24-R25,R27,R29,R31,R33-R34,R36,R38,R40,R42-R43,R18B	330R	1469918	0,09€

3	R26,R35,R44	130R	1692530	0,07€
2	R45-R46	68R	2138823	0,07€
Sub-totals:				4,33€
4 Integrated Circuits				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U1	ICE40HX4K-TQ144	3768754	10,66€
1	U2	IS25LP032D-JNLE	2787053	1,29€
1	U3	MCP1725ADJ	1851961	0,69€
1	U4	MCSJK-3N-16	2854286	0,62€
Sub-totals:				13,27€
0 Transistors				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				0,00€
5 Diodes				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	D1	1N4448HWS	3127174	0,21€
4	D2-D5	KA-3022SRC-4.5SF	1142615	0,52€
Sub-totals:				2,27€
14 Miscellaneous				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
9	1V2,1V2M,3V3,BLUE,GND,GREEN,HSYNC,RED,VSYN	PIN		
2	J1-J2	M20-6102045	1569230	4,75€
1	J3	L77HDE15SD1CH4F	2401182	1,28€
2	MB0-MB1	SPC20485	1258956	0,14€
Sub-totals:				11,06€
Totals:				32,48€

