

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 PCB0-Power-USB
Design Created miércoles, 21 de septiembre de 2022
Design Last Modified martes, 4 de octubre de 2022
Total Parts In Design 60

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

9 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
3	C1,C6-C7	100nF		
4	C2-C5	22uF		
2	C8-C9	33pF		
Sub-totals:				€0,00

14 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	R1	2K2		
1	R2	220R		
2	R3,R6	0R1		
3	R4,R9-R10	10k		
1	R5	71K5		
4	R7-R8,R13-R14	470R		
1	R11	2k2		
1	R12	680R		
Sub-totals:				€0,00

4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U1	MCP73831T-2ACI/OT	16316	€0,70
1	U2	MCP1725-ADJ E/SN	0	€0,91
1	U3	FT232RL		
1	U4	LPC1112FD20/102	0	€0,00
Sub-totals:				€1,61

0 Transistors

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

3 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
3	D1-D3	KA-3022SRC-4.5SF	9427	€0,51

Sub-totals:				€1,53
30 Miscellaneous				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
21	/BOOT,/HOLD,/ICE_RESET,/RESET,/SS,/WP,3V3,3V7,3V3M,3V7M,5V,GND,ICE_CLK,ICE_DONE,MISO,MOSI,RXD,SCK,TXD,UDB_D+,USB_D-	PIN	<u>11149</u>	€1,11
1	BAT	530480310	<u>17750</u>	€0,35
1	BAT1	LIPO BAT	<u>205</u>	€13,48
1	J1	USB Mini B Molex 67503-1230	<u>2259</u>	€1,16
1	J2	10118193-0001LF		
2	J3-J4	2214S-40SG-85		
1	L1	MMZ1608B121C		
1	SW1	OS102011MA1QS1	<u>2704</u>	€0,52
1	X1	9B-12.000MEEJ-B	<u>2508484</u>	€0,35
Sub-totals:				€39,17
Totals:				€42,31

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