

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 jueves, 6 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	1759037	£0,10
4	C2-C5	22uF	1657942	£0,50
2	C8-C9	33pF	317603	£0,09
Sub-totals:				£2,48

14 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	R1	2K2	1099803	£0,08
1	R2	220R	9240446	£0,04
2	R3,R6	0R1	8067708	£0,38
3	R4,R9-R10	10k	1174160	£0,01
1	R5	71K5	2059483	£0,05
4	R7-R8,R13-R14	470R	9233334	£0,01
1	R11	2k2	1469765	£0,04
1	R12	680R	1653028	£0,09
Sub-totals:				£1,13

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	1332158	£0,76

1	U2	MCP1725-ADJ E/SN	1834878	£0,92
1	U3	CY7C65123-28PVXI	2767866	£1,89
1	U4	LPC1112FD20/102	771- LPC1112FD20/1025	£30,20

Sub-totals: £33,77

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	1142615	£0,52

Sub-totals: £1,55

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		
1	BAT	530480310	9732918	£0,35
1	BAT1	LIPO BAT	2819236	£13,48
1	J1	USB Mini B Molex 67503-1230	2313554	£1,16
1	J2	10118193-0001LF	2751675	£0,30
2	J3-J4	2214S-40SG-85	2847248	£1,11
1	L1	MMZ1608B121CTDH5	3386884	£0,08
1	SW1	OS102011MA1QS1	2435103	£0,52
1	X1	9B-12.000MEEJ-B	2508484	£0,27

Sub-totals: £18,39

Totals: £57,31

