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%)

r alla el i	VA (2176)			
O Modul	les			
Quantity Sub-tot	References	<u>Value</u>	Stock Code	<u>Unit Cos</u> t £0,00
9 Capac				£0,00
Quantity	References	<u>Value</u>	Stock Code	<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
z Sub-tot		35pr	317003	£2,48
14 Resig				LZ, 10
Quantity	References	<u>Value</u>	Stock Code	<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-tot				£1,13
4 Integra	ated Circuits			
Quantity	References	<u>Value</u>	Stock Code	<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/	£30,20
Sub-tot	als:			£33,77
O Transi	stors store and the store of th			
Quantity Sub-tot	References als:	<u>Value</u>	Stock Code	<u>Unit Cost</u> £0,00
3 Diode	S Company of the Comp			
Quantity	References	<u>Value</u>	Stock Code	<u>Unit Cost</u>
3	D1-D3	KA-3022SRC-4.5SF	1142615	£0,52
Sub-tot	als:			£1,55
30 Misc	ellaneous ellaneous			
Quantity	<u>References</u>	<u>Value</u>	Stock Code	<u>Unit Cost</u>
Quantity 21	References /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-		Stock Code	<u>Unit Cost</u>
	/BOOT,/HOLD,/ICE_RESET,/RESET,/SS,/WP,3V3,3V7,3V3M,3V7M,5V,GND,ICE_CLK,ICE_DONE,		<u>Stock Code</u> 9732918	Unit Cost
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		
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-BAT	PIN 530480310	9732918	£0,35
21 1 1	/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- BAT BAT1	PIN 530480310 LIPO BAT USB Mini B Molex	9732918 2819236	£0,35 £13,48
21 1 1	/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- BAT BAT1 J1	PIN 530480310 LIPO BAT USB Mini B Molex 67503-1230	9732918 2819236 2313554	£0,35 £13,48 £1,16
21 1 1 1	/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- BAT BAT1 J1 J2	PIN 530480310 LIPO BAT USB Mini B Molex 67503-1230 10118193-0001LF	9732918 2819236 2313554 2751675	£0,35 £13,48 £1,16
21 1 1 1	/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- BAT BAT1 J1 J2 J3-J4	PIN 530480310 LIPO BAT USB Mini B Molex 67503-1230 10118193-0001LF 2214S-40SG-85	9732918 2819236 2313554 2751675 2847248	£0,35 £13,48 £1,16 £0,30 £1,11
21 1 1 1 2 1	/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- BAT BAT1 J1 J2 J3-J4 L1	PIN 530480310 LIPO BAT USB Mini B Molex 67503-1230 10118193-0001LF 2214S-40SG-85 MMZ1608B121CTDH5	9732918 2819236 2313554 2751675 2847248 3386884	£0,35 £13,48 £1,16 £0,30 £1,11 £0,08

Totals: £57,31

