

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	PCB0-Power-USB
Design Created	miércoles, 21 de septiembre de 2022
Design Last Modified	jueves, 20 de octubre de 2022
Total Parts In Design	60

Notes

Falta el IVA (21%)

9 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
3	C1,C6-C7	100nF	<u>1759037</u>	€0,10
4	C2-C5	22uF	<u>1657942</u>	€0,50
2	C8-C9	33pF	<u>317603</u>	€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>
2	R1,R11	2k2	<u>1099803</u>	€0,08
1	R2	220R	<u>9240446</u>	€0,04
2	R3,R6	0R1	<u>8067708</u>	€0,38
3	R4,R9-R10	10k	<u>1174160</u>	€0,01
1	R5	71k5	<u>2059483</u>	€0,05
4	R7-R8,R13-R14	470R	<u>9233334</u>	€0,01
1	R12	680R	<u>1653028</u>	€0,09
Sub-totals:				€1,18

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	<u>1332158</u>	€0,76
1	U2	MCP1725-ADJ E/SN	<u>1834878</u>	€0,92
1	U3	CY7C65123-28PVXI	<u>2767866</u>	€1,89
1	U4	LPC1112FD20/102	<u>771-LPC1112FD20/1025</u>	€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	<u>1142615</u>	€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	<u>9732918</u>	€0,35
1	BAT1	LIPO BAT	<u>2819236</u>	€13,48

1	J1	USB Mini B Molex 67503-1230	<u>2313554</u>	€1,16
1	J2	10118193-0001LF	<u>2751675</u>	€0,30
2	J3-J4	2214S-40SG-85	<u>2847248</u>	€1,11
1	L1	MMZ1608B121CTDH5	<u>3386884</u>	€0,08
1	SW1	OS102011MA1QS1	<u>2435103</u>	€0,52
1	X1	9B-12.000MEEJ-B	<u>2508484</u>	€0,27
Sub-totals:				€18,39
Totals:				€57,36



jueves, 20 de octubre de 2022 10:45:56