Bill Of Materials for Taller Proyectos 1. Datalogger

Design Title	Taller Proyectos 1. Datalogger
Author	G4: Andrés, Iván, Lucía, Víctor R, Alonso
Document Number	1
Revision	1
Board	PCB0-Power-USB
Design Created	miércoles, 21 de septiembre de 2022
Design Last Modified	viernes, 17 de octubre de 2025
Total Parts In Design	61

Notes

Falta el IVA (21%)

0 Modules

Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				€0,00

9 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
2	C20,C26	100nF	Farnell 499-687	€0,10
4	C21-C24	22uF	Digikey 399-4696-2-ND	€0,09
1	C25	1uF	Digikey 478-1409-2-ND	€0,12
2	C27-C28	33pF	Farnell 317-603	€0,10
Sub-totals:				€0,88

16 Resistors

Quantity	References	Value	Stock Code	Unit Cost
1	R15	220R	Digikey 311-220CTR-ND	€0,09
3	R16,R27-R28	2k2	Digikey P2.2KZTR-ND	€0,09
1	R17	71.5k	Digikey 311-71.5KCCT-ND	€0,09
4	R18,R23-R24,R30	10k	Digikey 311-10.0KCCT-ND	€0,09
2	R19-R20	0R1	H0R1	€0,09
2	R21-R22	470R	Digikey 311-470CCT-ND	€0,09
2	R25-R26	680R	Digikey 311-680CCT-ND	€0,09
1	R29	4k7	Digikey 311-4.7KACT-ND	€0,09
Sub-totals:				€1,44

4 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
1	U4	MCP73831/2		€0,64
1	U5	MCP1725ADJ		€0,66

1	U6	CY7C65213-28PVXI	€1,73
1	U7	LPC1112FD20/102	€2,47
Sub-totals:			€5,50

0 Transistors

Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				€0,00

3 Diodes

Quantity	References	Value	Stock Code	Unit Cost
2	D2-D3	KA-3022SRC-4.5SF-TR		€0,45
1	D4	KA-3022SGC-4.5SF		€1,68
Sub-totals:				€2,58

29 Miscellaneous

Quantity	References	Value	Stock Code	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, USB_D+,USB_D-	PIN		€1,86
1	BAT	530480310		€2,60
1	BAT1	LIPO BAT		€3,20
1	J4	USB Mini B Molex 67503-1230		€11,40
1	J11	2214S-40SG-85		€0,65
1	J12	2214S-40GS-85		€0,65
1	L1	MMZ1608B121C		€0,09
1	SW1	OS102011MA1QS1	2435103	€4,55
1	X1	QT49-12.000MEEJ-B		€0,35
Sub-totals:				€62,55

| Totals: | | | | €72,95 |

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