

# Bill Of Materials for Taller Proyectos 1. Datalogger

Design Title	Taller Proyectos 1. Datalogger
Author	Grupo 4
Document Number	1
Revision	1
Board	PCB0-Power-USB
Design Created	viernes, 10 de octubre de 2025
Design Last Modified	viernes, 10 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	Farnell 1332158	€0,64
1	U5	MCP1725ADJ	Farnell 1834878	€0,66
1	U6	LPC1112FD20/102	Digikey 2156-LPC1112FD20/102,52-ND	€2,47
1	U8	CY7C65213-28PVXI	Farnell 2767866	€1,73
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	Farnell 1142617	€0,45
1	D4	KA-3022SGC-4.5SF	Farnell 2435103	€1,68

Sub-totals:				€2,58
29 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,GND1,ICE_CLK,ICE_DONE,MISO,MOSI,RXD,SCK,TXD,USB_D+,USB_D-	PIN		€0,00
1	BAT	530480310	Farnell 9732918	€2,60
1	BAT1	LIPO BAT	Ampul AM9299	€12,30
1	J4	USB Mini B Molex 67503-1230	Farnell 2313554	€11,40
2	J11-J12	CONN-DIL40	Farnell 2847248	€0,65
1	L1	MMZ1608B121C	Digikey 445-MMZ1608B121CTAH0TR-ND	€0,09
1	SW1	OS102011MA1QS1	2435103	€4,55
1	X1	9B-12.000MEEJ-B	Farnell 1842204	€0,35
Sub-totals:				€32,59
Totals:				€42,99

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