

Bill Of Materials for Taller Proyectos 1. Datalogger

Design Title	Taller Proyectos 1. Datalogger
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Document Number	1
Revision	1
Board	PCB0-Power-USB
Design Created	miércoles, 21 de septiembre de 2022
Design Last Modified	viernes, 24 de octubre de 2025
Total Parts In Design	61

Notes

Falta el IVA (21%)

9 Capacitors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
2	C20,C26	100nF	0805	.	0,10€
4	C21,C22,C23,C24	22uF	0805	.	0,09€
1	C25	1uF	0805	.	0,12€
2	C27,C28	33pF	0805	.	0,10€
Sub-totals:					0,88€

16 Resistors

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
1	R15	220R	0805	.	0,09€
3	R16,R27,R28	2k2	0805	.	0,09€
1	R17	71.5k	0805	.	0,09€
4	R18,R23,R24,R30	10k	0805	.	0,09€
2	R19,R20	0R1	0805	.	0,09€
2	R21,R22	470R	0805	.	0,09€
2	R25,R26	680R	0805	.	0,09€
1	R29	4k7	0805	.	0,09€
Sub-totals:					1,44€

4 Integrated Circuits

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
1	U4	MCP73831/2	SOT23-5	Farnell 1332157	0,64€
1	U5	MCP1725ADJ	SO8	Farnell 1834878	0,66€
1	U6	CY7C65213-28PVXI	SOP65P780X200-28	Farnell 2772892	1,73€
1	U7	LPC1112FD20/102	SO20W	Mouser 771-LPC1112FD20/1025	2,47€
Sub-totals:					5,50€

3 Diodes

Quantity	References	Value	PCB Package	Stock Code	Unit Cost
2	D2,D3	KA-3022SRC-4.5SF-TR	SOD123_K	Farnell 4665975	0,45€
1	D4	KA-3022SGC-4.5SF	SOD123_K	Farnell 1142615	1,68€
Sub-totals:					2,58€

29 Miscellaneous

Quantity	References	Value	PCB Package	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	PIN		1,86€

1	BAT	530480310	530480310	Digikey WM1743-ND	2,60€
1	BAT1	LIPO BAT	NULL	ampul AM9299	3,20€
1	J1	2214S-40SG-85	CONN-DIL40-ROUND	Farnell 2847248	0,65€
1	J2	2214S-40GS-85	CONN-DIL40-ROUND	Farnell 2847248	0,65€
1	J4	USB Mini B Molex 67503-1230	MOLEX USB MINI B 67503-1230	Farnell 2313554	11,40€
1	L1	MMZ1608B121C	RESC1608X84	Farnell 2800823	0,09€
1	SW1	OS102011MA1QS1	OS102011MA1QS1	Farnell 2435103	4,55€
1	X1	QT49-12.000MEEJ-B	QT49-12.000MEEJ-B	Farnell 4200031	0,35€
Sub-totals:					62,55€

Totals:	72,95€
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