Bill Of Materials for Taller Proyectos 1. Datalogger

Design Title   Taller Proyectos 1. Datalogger
Author   Grupo 4
Document Number   1
Revision   1
Board   PCB1-FPGA
Design Created   viernes, 10 de octubre de 2025
Design Last Modified   viernes, 10 de octubre de 2025
Total Parts In Design   94

Notes

Falta el IVA (21%)

0 Modules

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

20 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
15	C1-C8,C11-C15,C17,C20	100nF		€0,10
2	C9-C10	10uF		€0,10
1	C16	1nF		€0,10
2	C18-C19	22uF		€0,09
Sub-totals:				€1,98

51 Resistors

Quantity	References	Value	Stock Code	Unit Cost
6	R1,R9-R10,R14,R49-R50	10k		€0,09
2	R2,R47	33k	Digikey 311-100CTR-ND	€0,09
2	R3-R4	100R	Digikey 311-100CTR-ND	€0,09
3	R5-R7	2k2	Digikey 311-100CTR-ND	€0,09
1	R8	0R1		€0,09
1	R11	12k		€0,09
1	R12	4k7		€0,09
1	R13	1k5		€0,09
4	R15-R18	680R		€0,09
9	R19,R21,R23,R28,R30,R32,R37,R39,R41	180R		€0,09
15	R20,R22,R24-R25,R27,R29,R31,R33-R34,R36,R38,R40,R42-R43,R18B	330R		€0,09
3	R26,R35,R44	130R		€0,09
2	R45-R46	68R		€0,09
1	R48	0R		€0,09
Sub-totals:				€4,59

4 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
1	U1	ICE40HX4K-TQ144	Farnell 3768754	€9,20
1	U2	IS25LP032D-JNLE	1852016	€2,63
1	U3	MCP1725ADJ	3535653	€1,05
1	U4	MCSJK-3N-16-3	Fernell 1332158	€0,64
Sub-totals:				€13,52

0 Transistors

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

5 Diodes

Quantity	References	Value	Stock Code	Unit Cost
1	D1	1N4448HWS	Farnell 3127174	€0,12
2	D2-D3	KA-3022SRC-4.5SF	Farnell 1142615	€0,34
1	D4	KA-3022SRC-4.5SF	Farnell 1142617	€0,45
1	D5	KA-3022SRC-4.5SF	Farnell 1142617	€0,38
Sub-totals:				€1,63

14 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
9	1V2,1V2M,3V3,BLUE,GND,GREEN,HSY,RED,VSYNC	PIN		€0,00
2	J1-J2	M20-6102045	156923	€5,32
1	J3	L77HDE15SD1CH4F	Digikey L77HDE15SD1CH4F-ND	€1,88
2	MB0-MB1	CONN-SIL2		€0,46
Sub-totals:				€13,44

Totals:				€35,16

viernes, 10 de octubre de 2025 10:48:45