

Bill Of Materials for KBD3 Plus Atari Joystick Issue 3

Design Title KBD3 Plus Atari Joystick Issue 3
Author
Document Number
Revision 3
Design Created 20 September 2020
Design Last Modified 14 November 2020
Total Parts In Design 71

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:						
						£0.00

24 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
16	C1-C6,C10,C12-C13,C15-C17,C20-C23	100n	MURATA-RDE-CAP	RDER71H104K0M1H03A	Farnell <u>2990797</u>	
2	C7,C11	10U	CAPPRD250W/50D630H 1270	MCGPR100V106M6	Farnell 9451560	
2	C8-C9	18pF	MURATA-RDE-CAP	MC0805N180J500A5	Farnell 1694210	
1	C14	22U	CAPPRD250W/50D630H 1270	MCGPR25V226M5X11	Farnell 9451161	
2	C18-C19	1nF	MURATA-RDE-CAP	RDER71H102K0M1H03A	Farnell 3001812	
1	C25	100U	CAPPRD250W/50D630H 1270	PCELEC100U25V180M	Farnell <u>2068981</u>	
Sub-totals:						£0.00

12 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
7	R1-R2,R4-R6,R11-R12	10k	RES40	MRS25000C1002FCT00	Farnell 9463976	
1	R3	1k	RES40	MRS25000C1001FCT00	Farnell 9465170	
2	R7-R8	120R	RES40	MRS25000C1200FCT00	Farnell 9464239	
2	R9-R10	100k	RES40	MRS25000C1003FCT00	Farnell 9463895	
Sub-totals:						£0.00

11 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U1	74LS273	DIL20	74LS273		
1	U2	PIC24FJ128GB202-I/SP	SPDIL28	PIC24FJ128GB202-I/SP	Microchip Direct	
1	U3	74LS688	DIL20	74LS688		
2	U4,U9	74LS244	DIL20	74LS244		
1	U5	74LS138	DIL16	74LS138		
2	U6,U11	ADC0820CCN+	DIL20	ADC0820CCN+	Farnell 2513562	
1	U7	74LS132	DIL14	74LS132		
1	U8	74LS74	DIL14	74LS74		
1	U10	MCP1702-3302E/TO	TO92-50	MCP1702T-33	Farnell 1331485	

Sub-totals: £0.00

0 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
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Sub-totals: £0.00

1 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
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1	D2	1N4148TR	DO35	1N4148TR	Farnell 9843680	
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Sub-totals: £0.00

23 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Name</u>	<u>Stock Code</u>	<u>Unit Cost</u>
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13	+5V,3V3,GND, TP1-TP10	TP	TP	TP	No fit	
1	E1	INTERAK_ISBUS_B_2	INTERAK_ISBUS_B_2	INTERAK_ISBUS_B_2	No fit	
1	J1	61400416021	61400416021	61400416021	Farnell 1696534	£0.45
1	J2	CONN-SIL6	CONN-SIL6	CONN-SIL6		
1	J4	Multicomp 2211S-06G	CONN-SIL6	CONN-SIL6	NO FIT	£0.03
1	J5	LINK	CONN-SIL2	CONN-SIL2		
1	J10	CONN-SIL9	CONN-SIL9	CONN-SIL9		
2	RN1-RN2	10k	4609M	4609M-101-103LF	Farnell 2908113	
1	SW1	SW1	DIL12	DIPSW6	Farnell 2319982	
1	X1	TXC9B16000MAAJB	HC49US	TXC9B16000MAAJB	Farnell 1842216	

Sub-totals: £0.48

Totals: £0.48