

Bill Of Materials for CPU and Compact flash Issue 4

Design Title CPU and Compact flash Issue 4
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Document Number
Revision 4.1
Design Created 17 July 2020
Design Last Modified 29 September 2020
Total Parts In Design 63

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

16 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>
12	C1-C8,C11, C13-C15	100n	MURATA-RDE-CAP	RDER71H104K0M1H03A	Farnell 2990797	
2	C9-C10	22U	CAPPRD250W50D630H1270	MCGPR25V226M5X11	Farnell 9451161	
1	C12	10nF	MURATA-RDE-CAP	RDER71H103K0M1H03A	Farnell 2990795	
1	C25	100U	CAPPRD250W50D630H1270	PCELEC100U25V180M	Farnell 2068981	
Sub-totals:						£0.00

17 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>
11	R1-R6,R11, R13-R16	10k	RES40	MRS25000C1002FCT00	Farnell 9463976	
3	R7-R8,R17	1k	RES40	MRS25000C1001FCT00	Farnell 9465170	
2	R9,R12	330R	RES40	MRS25000C3300FCT00	Farnell 9467327	
1	R10	100R	RES40	MRS25000C1000FCT00	Farnell 9463909	
Sub-totals:						£0.00

10 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	Z80 CPU	DIL40	Z80 CPU		
4	U2-U4,U6	74LS245	DIL20	74LS245		
1	U5	74LS138	DIL16	74LS138		
1	U7	74LS14	DIL14	74LS14		
1	U8	74LS32	DIL14	74LS32		
1	U9	74LS04	DIL14	74LS04		
1	U11	MC33064-5G	TO92	MC33064-5G	Farnell 9666710	
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>
Sub-totals:						£0.00

2 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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2	D1-D2	1N4148TR	DO35	1N4148TR	Farnell 9843680	
Sub-totals:						£0.00
18 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>
7	+5V,GND,TP1-TP5	TP	TP	TP	No fit	
1	E1	INTERAK_ISBUS_B_2	INTERAK_ISBUS_B_2	INTERAK_ISBUS_B_2	No fit	
1	J1	N7E50-7516PK-20	N7E50-7516PK-20	N7E50-7516PK-20	Farnell 1034424	
4	J2-J4,J6	HTSW-102-07-T-S	HTSW-102-07-T-S	HTSW-102-07-T-S	Farnell 1925361	
1	J7	CF_ADAPTOR-V4	COMPACT_FLASH_ADAPTOR-V4	CF_ADAPTOR	Farnell 3279379	
1	RN1	100R	DIL16	RES16DIPIS	Farnell 9355812	
1	RN3	10k	4609M	4609M-101-103LF	Farnell 2908113	
1	TP-4	TESTPOINTS-8	TESTPOINTS-8	TESTPOINTS-8	No fit	
1	X1	LFXTAL003074	HC49US	LFXTAL003074	Farnell 9712917	
Sub-totals:						£0.00
Totals:						£0.00

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