

# Bill Of Materials for KBD2 Issue 1

**Design Title** KBD2 Issue 1  
**Author**  
**Document Number**  
**Revision** 1  
**Design Created** 20 September 2020  
**Design Last Modified** 23 September 2020  
**Total Parts In Design** 45

## 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>
10	C1-C6,C10, C12,C15,C17	100n	MURATA-RDE-CAP	RDER71H104K0M1H03A	Farnell 2990797	
2	C7,C11	10U	CAPPRD250W50D630H127 0	MCGPR100V106M6	Farnell 9451560	
2	C8-C9	18pF	MURATA-RDE-CAP	MC0805N180J500A5	Farnell 1694210	
1	C14	22U	CAPPRD250W50D630H127 0	MCGPR25V226M5X11	Farnell 9451161	
1	C25	100U	CAPPRD250W50D630H127 0	PCELEC100U25V180M	Farnell 2068981	
Sub-totals:						£0.00

## 5 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>
4	R1-R2,R4-R5	10k	RES40	MRS25000C1002FCT00	Farnell 9463976	
1	R3	1k	RES40	MRS25000C1001FCT00	Farnell 9465170	
Sub-totals:						£0.00

## 8 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		
1	U4	74LS244	DIL20	74LS244		
1	U6	74LS32	DIL14	74LS32		
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>
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

15 Miscellaneous

Quantity	References	Value	PCB Package	Name	Stock Code	Unit Cost
6	+5V,3V3,GND, TP1-TP3	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	J3	615006138421	615006138421	615006138421	NO FIT	
1	J4	Multicomp 2211S-06G	CONN-SIL6	CONN-SIL6	NO FIT	£0.03
1	J5	LINK	CONN-SIL2	CONN-SIL2		
1	RN1	10k	4609M	4609M-101-103LF	Farnell 2908113	
1	SW1	ADE0804	ADE0804	ADE0804	Farnell 1123941	
1	X1	TXC9B16000MAAJB	HC49US	TXC9B16000MAAJB	Farnell 1842216	

Sub-totals: £0.48

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Totals: £0.48