

Bill Of Materials for RS232 Card Issue 2

Design Title RS232 Card Issue 2
Author AlanPaton/Julian Winpenny
Document Number
Revision 2
Design Created 11 September 2020
Design Last Modified 07 October 2020
Total Parts In Design 65

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

30 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>
2	C1-C2	22pF	MURATA-RDE-CAP	C317C220J2G5TA	Farnell 1457695	
14	C3-C6,C8-C10, C15-C17,C27- C30	100n	MURATA-RDE-CAP	RDER71H104K0M1H03A	Farnell <u>2990797</u>	
1	C7	10U	CAPPRD250W50D630H12 70	MCGPR100V106M6	Farnell 9451560	
12	C11-C14,C18- C24,C26	1U	MCGPR100V105M5X11	MCGPR100V105M5X11	Farnell 9451552	
1	C25	100U	CAPPRD250W50D630H12 70	PCELEC100U25V180M	Farnell <u>2068981</u>	
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>
1	R1	2.2k	RES40	MRS25000C2201FCT00	Farnell 9466711	
1	R2	680R	RES40	MRS25000C6800FCT00	Farnell 9469630	
1	R3	4.7M	RES40	MRS25000C4704FCT00	Farnell 9468749	
1	R10	100R	RES40	MRS25000C1000FCT00	Farnell 9463909	
1	R11	10k	RES40	MRS25000C1002FCT00	Farnell 9463976	
Sub-totals:						£0.00

14 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>
2	U1,U3	74LS245	DIL20	74LS245		
1	U2	74LS139	DIL16	74LS139		
1	U4	AY-3-1015	DIL40	AY-3-1015		
1	U5	74LS04	DIL14	74LS04		
1	U6	74LS32	DIL14	74LS32		
1	U7	74LS688	DIL20	74LS688		
1	U8	4060	DIL16	4060		
1	U9	74LS08	DIL14	74LS08		
3	U10-U11,U14	MAX232	DIL16	MAX232		
1	U12	74LS373	DIL20	74LS373		
1	U13	74LS244	DIL20	74LS244		
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:						

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>
1	D2	1N4148TR	DO35	1N4148TR	Farnell 9843680	
Sub-totals:						£0.00

15 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>
2	+5V,GND	TP	TP	TP	No fit	
1	E1	INTERAK_ISBUS_B_2	INTERAK_ISBUS_B_2	INTERAK_ISBUS_B_2	No fit	
3	J1-J3	22-11-2022	CONN-SIL2	22-11-2022	Farnell 2751315	
1	J4	825433-3	CONN-SIL3	825433-3	Farnell 3417657	
1	J5	22-29-2051	MOLEX-22-27-2051	22-29-2051	9731156	
1	J10	22-27-2091	MOLEX-22-27-2091	22-27-2091	Farnell 2888923	
2	RN1,RN3	10k	4609M	4609M-101-103LF	Farnell 2908113	
1	SW1	SW1	DIL12	DIPSW6	Farnell 2319982	
1	SW2	SW2	DIL14	DIPSW_7		
1	SW3	DIPSW5	DIL10	DIPSW5	Farnell 2435110	
1	X1	LFXTAL003115	HC49US	LFXTAL003115	Farnell 9712925	
Sub-totals:						£0.00

Totals: £0.00

07 October 2020 12:22:03