Bill Of Materials for wooden-bits

Design Title wooden-bits

Author

Document Number

Revision

Assembly Variant Exc. from BOM **Design Created** 11 August 2016 Design Last Modified 15 February 2017
Total Parts In Design 24

8 Capa	citors								
Quantity	References	<u>Value</u>	PCB Package	<u>Tolerance</u>	Manufacture r	Mfr	<u>Supplier</u>	Stock	<u>Unit</u> <u>Cost</u>
5	C1-C3, C6, C8	100n	0603		MURATA	GRM188R71 H104KA93D	FARNELL	8820023	£0.0′
1	C7	4u7	NULL		MURATA	GRM219R71 H334KA88D	FARNELL	1828951	£0.0′
2	C15-C16	47p	0603	+/-5%	AVX	06035A470J AT2A	FARNELL	498567	£0.03
Sub-totals	3:								£0.14
7 Resistors									
_	References	<u>Value</u>	PCB Package	<u>Tolerance</u>	Manufacture r	Mfr	<u>Supplier</u>	<u>Stock</u>	Unit Cost
1	R1	10k	0603	+/-1%	ANY	N/A	EADNELL	000000	£0.0
1	R5	470R	0603		MULTICOM P	MC 0.063W 0603 1% 10K	FARNELL	9330399	£0.02
2	R6-R7	4k7	0603	+/-1%	ANY	N/A			£0.02
1	R8	330	0603	+/-1%	ANY	N/A			£0.02
2	R15-R16	27R	0603	+/-1%					£0.0
Sub-totals	3:								£0.12
2 Integra	ated Circui	ts							
<u>Quantity</u>	References	<u>Value</u>	PCB Package	<u>Tolerance</u>	<u>Manufacture</u> <u>r</u>	Mfr	<u>Supplier</u>	<u>Stock</u>	<u>Unit</u> <u>Cost</u>
1	U2	ATMEGA32 8P-AU-ND	QFP80P900 X900X120-32		ATMEL	ATMEGA32 8P-AU	DIGIKEY	ATMEGA32 8P-AU-ND	£1.00
1	U4	FT230XQ	QFN65P400 X400X100-17 -GLH		FTDI	FT230XQ	Famell	2081324	£1.3
Sub-totals	S :								£2.37
3 Diodes									
<u>Quantity</u>	References	<u>Value</u>	PCB Package	<u>Tolerance</u>	Manufacture r	Mfr	<u>Supplier</u>	Stock	<u>Unit</u> <u>Cost</u>
1	D1	WS2812B	WS2812B				Worldsemi		
1	D2	KP-2012MG C	0805_LED		KINGBRIGH T	KP-2012MG C	FARNELL	8529906	£0.2
1	D3	MBR0520L	SOD-123FL		Fairchild				
Sub-totals	3:								£0.22
4 Misce	ellaneous								
<u>Quantity</u>	References	<u>Value</u>	PCB Package	<u>Tolerance</u>	<u>Manufacture</u> <u>r</u>	Mfr	<u>Supplier</u>	Stock	<u>Unit</u> <u>Cost</u>
1	J2	CONN-H5	CONN-SIL5						
1	J4	ISP	CONN-DIL8						
1	J5	MOLEX-565 79-0576	MOLEX-565 79-0576		MOLEX	56579-0576	FARNELL	9786490	£0.4
1	SW1	DTSA-6	DTSA-6		Diptronics	DTSA-6	FARNELL	1712959	£0.1
Sub-totals									£0.56

Totals: £3.40

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