

Bill Of Materials for wooden-bits

Design Title wooden-bits
Author
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Revision
Design Created 11 August 2016
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Total Parts In Design 17

4 Capacitors

<u>Quantity</u>	<u>Reference</u> <u>s</u>	<u>Value</u>	<u>PCB Package</u>	<u>Tolerance</u>	<u>Manufacturer</u>	<u>Mfr</u>	<u>Supplier</u>	<u>Stock</u>	<u>Unit Cost</u>
3	C1,C6,C8	100n	0603		MURATA	GRM188R71H104KA93D	FARNELL	8820023	£0.01
1	C7	4u7	NULL		MURATA	GRM219R71H334KA88D	FARNELL	1828951	£0.01
Sub-totals:									£0.05

5 Resistors

<u>Quantity</u>	<u>Reference</u> <u>s</u>	<u>Value</u>	<u>PCB Package</u>	<u>Tolerance</u>	<u>Manufacturer</u>	<u>Mfr</u>	<u>Supplier</u>	<u>Stock</u>	<u>Unit Cost</u>
1	R1	10k	0603	+/-1%	ANY	N/A			£0.02
1	R5	470R	0603		MULTICOMP	MC0.063W0603 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
Sub-totals:									£0.10

1 Integrated Circuits

<u>Quantity</u>	<u>Reference</u> <u>s</u>	<u>Value</u>	<u>PCB Package</u>	<u>Tolerance</u>	<u>Manufacturer</u>	<u>Mfr</u>	<u>Supplier</u>	<u>Stock</u>	<u>Unit Cost</u>
1	U2	ATMEGA328P-AU-ND	QFP80P900X900X120-32		ATMEL	ATMEGA328P-AU	DIGIKEY	ATMEGA328P-AU-ND	£1.06
Sub-totals:									£1.06

3 Diodes

<u>Quantity</u>	<u>Reference</u> <u>s</u>	<u>Value</u>	<u>PCB Package</u>	<u>Tolerance</u>	<u>Manufacturer</u>	<u>Mfr</u>	<u>Supplier</u>	<u>Stock</u>	<u>Unit Cost</u>
1	D1	WS2812B	WS2812B				Worldsemi		
1	D2	KP-2012 MGC	0805_LED		KINGBRIGHT	KP-2012 MGC	FARNELL	8529906	£0.22
1	D3	MBR0520 L	SOD-123FL		Fairchild				
Sub-totals:									£0.22

4 Miscellaneous

<u>Quantity</u>	<u>Reference</u> <u>s</u>	<u>Value</u>	<u>PCB Package</u>	<u>Tolerance</u>	<u>Manufacturer</u>	<u>Mfr</u>	<u>Supplier</u>	<u>Stock</u>	<u>Unit Cost</u>
1	J2	CONN-H5	CONN-SIL5						
1	J4	ISP	CONN-DIL8						
1	J5	MOLEX-56579-0576	MOLEX-56579-0576		MOLEX	56579-0576	FARNELL	9786490	£0.46
1	SW1	DTSA-6	DTSA-6		Diptronics	DTSA-6	FARNELL	1712959	£0.10
Sub-totals:									£0.56

Totals: £1.98

