

## Bill Of Materials For Blue Waffle Waveshaper

**Design Title** Blue Waffle Waveshaper  
**Author** Andrej Radovic  
**Document Number** 1  
**Revision** 1  
**Design Created** 14 May 2015  
**Design Last Modified** 26 May 2015  
**Total Parts In Design** 97

### 0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				€0.00

### 27 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	C1,C3	220u	Maplin VH42V	
13	C2,C4-C8,C13,C15,C18,C22-C25	100n	Maplin BX03D	
1	C9	10p	Maplin WX52G	
1	C10	12n	Wima 7.2*2.5mm	
1	C11	220u		
1	C12	10u		
3	C14,C17,C21	1u	Maplin VH17T	
1	C16	10n	Wima 7.2*2.5mm	
1	C19	220p	Maplin WX60Q	
1	C20	1n	Wima 7.2*2.5mm	
2	C86-C87	22pF	Digikey PCC220ACVTR-ND	
Sub-totals:				€0.00

### 46 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	R1,R31	1M		
10	R2,R13-R14,R16,R18,R22,R24,R26,R28,R30	20k		
5	R3-R5,R7,R11	100K		
2	R6,R9	10R		
1	R8	27k		
8	R10,R37-R43	470r		
1	R12	10r		
10	R15,R17,R19,R23,R25,R27,R29,R35-R36,R44	10k		
3	R20,R45-R46	10K		
1	R21	39k		
1	R32	24k		
1	R33	12k		
1	R34	1k		
Sub-totals:				€0.00

### 3 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U1	ATMEGA1284P		
1	U3	TLE2426		
1	U4	TLE2425		
Sub-totals:				€0.00

### 4 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	Q1	BS250S		
3	Q2-Q4	BC337		

Sub-totals:	€0.00
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## 2 Diodes

Quantity	References	Value	Stock Code	Unit Cost
2	D1-D2	LED-BICOLOR		
Sub-totals:				€0.00

## 15 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
2	BITS,SW_TONE	SW-SPST		
1	CV	NRJ6HH		
1	ENC	ROTARY_ENCODER		
1	ISP	CONN-DIL6		
2	PT_BIT,PT_FREQ	10k		
1	PT_GAIN	500k		
2	PT_OUT_VOL,TONE	50k		
1	U_ADC	MCP3001		
2	U_IN_OP,U_OUT_OP	TLC2272		
1	U_VREG5V	78L05		
1	X1	CRYSTAL		
Sub-totals:				€0.00

Totals:	€0.00
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