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	23 May 2015
Total Parts In Design	109

27 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
2	C1,C3	220u	Maplin VH42V	
13	C2,C4,C5,C6,C7,C8,C13,C15,C18,C22,C23,C24,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

Quantity	References	Value	Stock Code	Unit Cost
2	R1,R31	1M		
10	R2,R13,R14,R16,R18,R22,R24,R26,R28,R30	20k		
5	R3,R4,R5,R7,R11	100K		
2	R6,R9	10R		
1	R8	27k		
8	R10,R37,R38,R39,R40,R41,R42,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

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

4 Transistors

Quantity	References	Value	Stock Code	Unit

Quantity	References	Value	Stock Code	Unit Cost
1	Q1	BS250S		
3	Q2,Q3,Q4	BC337		
Sub-totals:				€0.00

2 Diodes

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

27 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
11	AUDIO_IN,AUD_OUT,BITS1,BITS2,FLT11,FLT12,FLT21,FLT22,TONE_SW_1,TONE_SW_2,VIN	CONN-SIL1		
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	SW1	SW-SPST-MOM		
1	U_ADC	MCP3001		
2	U_IN_OP,U_OUT_OP	TLC2272		
1	U_VREG5V	7805		
1	X1	CRYSTAL		
Sub-totals:				€0.00

| Totals: | | | | €0.00 |