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   27 May 2015

Total Parts In Design   97

27 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
3	C1,C3,C11	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	C12	10u	Maplin KQ64U	
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	22p	Maplin WX48C	
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

7 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
1	U1_UC	ATMEGA1284P		
1	U2_VREG	78L05		
1	U3_PRD	TLE2425		
1	U4_PRA	TLE2426		
2	U5_IOP,U7_OOP	TLC2272		
1	U6_ADC	MCP3001		
Sub-totals:				€0.00

4 Transistors

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

2 Connectors

Quantity	References	Value	Stock Code	Unit Cost
1	CN1_ISP	CONN-DIL6		
1	CN2_CV	NRJ6HH		
Sub-totals:				€0.00

6 Potentiometers and Encoders

Quantity	References	Value	Stock Code	Unit Cost
1	PT1_ENC	ROTARY_ENCODER		
2	PT2_FRQ,PT3_BIT	10k		
1	PT4_GN	500k		
2	PT5_TN,PT6_OV	50k		
Sub-totals:				€0.00

2 Switches and buttons

Quantity	References	Value	Stock Code	Unit Cost
2	S1_BITS,S2_TN	SW-SPST		
Sub-totals:				€0.00

1 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
1	X1	CRYSTAL		
Sub-totals:				€0.00

Totals:				€0.00