Bill Of Materials for Key_tag_Detector 5.0

Design Title   Key_tag_Detector 5.0
Author
Document Number
Revision
Design Created   Saturday, December 28, 2024
Design Last Modified Sunday, January 5, 2025
Total Parts In Design 54

0 Modules

Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				$0.00

14 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
4	C1,C3,C5,C7	100nF		
3	C2,C4,C6	100u		
1	C8	2200uF		
2	C9,C12	0.22u	Digikey 478-1640-2-ND	
2	C10,C13	1.0u	Digikey 399-5055-2-ND	
2	C11,C14	10u	Digikey 495-2236-2-ND	
Sub-totals:				$0.00

17 Resistors

Quantity	References	Value	Stock Code	Unit Cost
1	R1	100.3k		
2	R2,R5	30.3k		
4	R3,R6,R8,R11	220		
1	R4	990		
1	R7	10k		
2	R9,R10	500		
2	R12,R15	22k		
2	R13,R16	1k		
2	R14,R17	4.7k		
Sub-totals:				$0.00

4 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
4	U1,U2,U3,U4	555		
Sub-totals:				$0.00

5 Transistors

Quantity	References	Value	Stock Code	Unit Cost
5	Q1,Q2,Q3,Q4,Q5	BC547		
Sub-totals:				$0.00

9 Diodes

Quantity	References	Value	Stock Code	Unit Cost
3	D1,D2,D3	LED-BIGY		
1	D4	LED-GREEN		
1	D5	DIODE		
4	D6,D7,D8,D9	1N4148		
Sub-totals:				$0.00

5 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
1	BAT1	9		
1	BUZ2	BUZZER		
1	MIC	VUMETER		
2	SOUND1,SOUND SET	1M		
Sub-totals:				$0.00

Totals: $0.00