

Bill Of Materials for tube_screamer_v2_metric_pads

Design Title tube_screamer_v2_metric_pads
Author
Document Number
Revision
Design Created 02 March 2019
Design Last Modified 02 March 2019
Total Parts In Design 60

12 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>Value</u>
1	C1		£0.05	0.02uF
2	C2,C9		£0.10	0.1uF
1	C3			10uF
1	C4		£0.15	51pF
1	C5		£0.05	0.047uF
1	C6		£0.08	0.22uF
1	C11		£1.20	100uF
1	C12		£0.70	47uF
2	C3 - (BP),C8 - (BP)		£0.20	1uF
1	C7 - (TANT)		£0.30	0.22uF
Sub-totals:			£3.13	

19 Resistors

<u>Quantity</u>	<u>References</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>Value</u>
4	R1,R8,R11,R12		£0.03	1k
1	R2		£0.03	510k
6	R3,R4,R9,R16,R17,R18		£0.03	10k
2	R5,R14		£0.03	501k
1	R6		£0.03	51k
1	R7		£0.03	4.7k
1	R10		£0.03	220
1	R13		£0.03	100k
1	R15		£0.03	100
1	R19			10k
Sub-totals:			£0.54	

1 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>Value</u>
1	U1		£1.00	JRC4558
Sub-totals:			£1.00	

2 Transistors

<u>Quantity</u>	<u>References</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>Value</u>
2	Q1,Q2		£0.04	BC547
Sub-totals:			£0.08	

6 Diodes

<u>Quantity</u>	<u>References</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>Value</u>
1	D1			1N4001
1	D2			LED
4	D3,D4,D5,D6		£0.10	1N914
Sub-totals:			£0.40	

20 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>Value</u>
16	J5,J6,J7,J8,J9,J10,J11,J13,J1 - PGND,J14 - IPG,J15 - OPG,J2 - PIN,J3 - IP,J4 - OP,MOUNT0,MOUNT1			PIN
1	RV1	Digikey 3361P-502GLFDKR-ND	£1.20	500k
1	RV2	Digikey 3361P-502GLFDKR-ND	£1.20	20k
1	RV3		£1.20	100K
1	SW1			SW-DPDT
Sub-totals:			£3.60	
Totals:			£8.75	

06 May 2019 12:38:11