

Bill Of Materials for InterfaceBoard4

Design Title InterfaceBoard4
Author
Document Number
Revision
Assembly Variant SMT
Design Created Tuesday, June 18, 2019
Design Last Modified Tuesday, July 16, 2019
Total Parts In Design 44

5 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	C1-C2	100n		\$0.00
3	C3-C5	1u		\$0.01

Sub-totals:

\$0.04

9 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	R1-R2,R9-R10	10k		\$0.00
4	R3,R6,R11,R13	1k		\$0.00
1	R12	470R		\$0.00

Sub-totals:

\$0.01

4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U1	U HALL 39E	39E generic linear hall sensor	\$0.16
2	U2,U6	D ESD 4CH	SESRV05-4	\$0.03
1	U3	U OPAMP LMV321TP	3PEAK LMV321TP-TR	\$0.06

Sub-totals:

\$0.29

6 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	Q1,Q3	Q DUAL PFET: WST2011	WST2010	\$0.46
4	Q5-Q8	Q DUAL PFET: BRCS4953DMF-A	BRCS	\$0.04

Sub-totals:

\$1.07

1 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	D1	BAT54C		\$0.01

Sub-totals:

\$0.01

19 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	J1-J2	J 1X8		\$0.20
8	J20-J27	J POGO 1		\$0.11
1	PCB1	PCB		
1	TP1	GATE		
1	TP2	OR		
2	TP3,TP8	GND		
1	TP4	MAG		
1	TP5	REF		
1	TP6	POGO		
1	TP7	FFC		

Sub-totals:

\$1.27

Totals:

\$2.68

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