

Bill Of Materials for conversor-boost

Design Title conversor-boost
Author
Document Number
Revision
Design Created Tuesday, April 3, 2018
Design Last Modified Monday, April 9, 2018
Total Parts In Design 38

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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Sub-totals:

9 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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1	C1	1nF		CAP20
4	C2,C5-C7	1n	Farnell 499-687	0805_CAP
1	C3	100U	Digikey P5152-ND	CAPPRD250W/50D630H1270
2	C4,C9	100n	Farnell 499-687	0805_CAP
1	C8	100U	Digikey P5193-ND	CAPPRD350W/60D800H1300

Sub-totals:

14 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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2	R1,R10	1k		RES40
1	R2	4k		RES40
2	R3-R4	10k		RES40
1	R5	2400		RES40
1	R6	9k1		RES40
1	R7	18k		0805_RES
2	R8,R11	1k		0805_RES
1	R9	4k		0805_RES
1	R12	100R		0805_RES
1	R13	10k		0805_RES
1	R14	2k4		RES40

Sub-totals:

1 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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1	U1	TL494		SOIC127P600X150-16
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Sub-totals:

3 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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1	Q1	BC328		TO92
1	Q2	BC338		TO92
1	Q3	IRFZ44E		TO220

Sub-totals:

3 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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2	D1,D3	DIODE-LED		LED
1	D2	SB260		DO201AD

Sub-totals:

8 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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2	CB1-CB2	47U	Digikey P5164-ND	CAPPRD200W/50D500H1250
2	J1,J4	TBLOCK-I2		TBLOCK-I2
1	J2	IND_B		CONN-SIL1

1	J3	IND_A	CONN-SIL1
1	NT1	NET_TAIL_A	1206_RES
1	NT2	NET_TAIL_P	1206_RES

Sub-totals:

Totals:

Monday, April 9, 2018 4:06:17 PM