

Bill Of Materials for conversor-boost

Design Title conversor-boost
Author
Document Number
Revision
Design Created Tuesday, April 3, 2018
Design Last Modified Saturday, May 5, 2018
Total Parts In Design 39

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	3n3F		CAP20
1	C2	2n2	Farnell 499-687	0805_CAP
1	C3	100U	Digikey P5152-ND	CAPPRD250W50D630H1270
2	C4,C9	47n	Farnell 499-687	0805_CAP
1	C5	17n2	Farnell 499-687	0805_CAP
1	C6	94p	Farnell 499-687	0805_CAP
1	C7	1n8	Farnell 499-687	0805_CAP
1	C8	100U	Digikey P5193-ND	CAPPRD350W60D800H1300

Sub-totals:

13 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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2	R1,R3	2k2		RES40
1	R2	110k		RES40
1	R4	510k		RES40
2	R5,R14	1k		RES40
1	R6	3k8		RES40
1	R7	56k		0805_RES
2	R8,R13	10k		0805_RES
1	R9	2k2		0805_RES
1	R11	4k7		0805_RES
1	R12	5R		0805_RES

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:

10 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	CAPPRD200W50D500H1250
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2	J1,J4	TBLOCK-I2	TBLOCK-I2
1	J2	IND_B	CONN-SIL1
1	J3	IND_A	CONN-SIL1
1	L1	600uH	NULL
1	LOAD	19.2	NULL
2	NT1-NT2	0.001R	1206_RES

Sub-totals:

Totals:

Saturday, May 5, 2018 1:15:05 PM