

Lista de Componentes

Conversor Buck 24 V 100 W

Source Data From:

PCB_Project_Fontes_Chaveadas.PrjPcb

Project:

PCB_Project_Fontes_Chaveadas.PrjPcb

Variant:

None



FUNDAÇÃO EDSON QUEIROZ
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ENSINANDO E APRENDENDO

UNIFOR

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#	Comment	Description	Designator	Quantity	DkPart	DkPrice	Total Unit Price	BrVendor	BrPrice	Total Bulk Price
1	5600UF 100V	CAP ALUM 5600UF 20% 100V SNAP	C200		1 MAL225659562E3-ND	15,76	15,76			-
2	22UF 35V	CAP ALUM POLY 22UF 20% 35V T/H	C201		1 732-6368-1-ND	0,93	0,93			-
3	9PF 100V	CAP CER 9PF 100V C0G RADIAL	C300, C309		2 445-173218-1-ND	0,27	0,54			-
4	100NF 100V	CAP CER 0.1UF 100V X7S RADIAL	C301, C303, C310, C312, C400, C402, C404, C406		8 445-173281-1-ND	0,38	3,04			-
5	10NF 100V	CAP CER 10NF 100V C0G/NP0 RADIAL	C302, C304, C311, C313, C401, C403, C405, C407		8 445-175393-1-ND	0,44	3,52			-
6	1500PF 50V	CAP CER 1500PF 50V C0G RADIAL	C305, C306		2 445-173177-1-ND	0,28	0,56			-
7	1200PF 50V	CAP CER 1200PF 50V C0G RADIAL	C307		1 445-180453-1-ND	0,3	0,30			-
8	12NF 50V	CAP CER 0.012UF 50V C0G/NP0 RAD	C308		1 490-7332-1-ND	0,73	0,73			-
9	100V 6A	DIODE GEN PURP 100V 6A P600	D200, D201, D203, D204, D400, D401, D402, D403		8 P600B-E3/54GICT-ND	0,94	7,52			-
10	100V 3A	DIODE GEN PURP 100V 3A DO201AD	D202		1 UF5401-E3/54GICT-ND	0,65	0,65			-
11	KRE 2POS	TERM BLK 2POS SIDE ENTRY 5MM PCB	J200, J400		2 A97996-ND	1,1	2,20			-
12	ACS712 5A	MODULE CURRENT SENSOR ACS712 5A	J201		1 N/A			AutoCore Robótica	27,9	27,90
13	100V 50A	MOSFET N-CH 100V 50A TO220AB	Q200		1 SUP70090E-GE3-ND	3,21	3,21			-
14	47K 1%	RES 47K OHM 1% 1/4W AXIAL	R200		1 13-MFR-25FTE52-47KCT-ND	0,1	0,10			-
15	6K8 1%	RES 6.8K OHM 1% 1/4W AXIAL	R201, R305		2 13-MFR-25FTE52-6K8CT-ND	0,1	0,20			-
16	470K 1%	RES 470K OHM 1% 1/4W AXIAL	R300		1 13-MFR-25FRF52-470KCT-ND	0,1	0,10			-
17	9M1 5%	RES 9.1M OHM 5% 1/4W AXIAL	R301		1 9.1MQBK-ND	0,1	0,10			-
18	1K5 5%	RES 1.5K OHM 5% 1/4W AXIAL	R302, R303		2 1.5KWCT-ND	0,2	0,40			-
19	12K 1%	RES 12K OHM 1% 1/4W AXIAL	R304, R312		2 13-MFR-25FTE52-12KCT-ND	0,1	0,20			-
20	50R 1%	RES 50 OHM 1/2W 1% AXIAL	R306		1 541-4226-ND	0,63	0,63			-
21	300R 1%	RES 300 OHM 1% 1/4W AXIAL	R307		1 S300CACT-ND	0,1	0,10			-
22	39R 1%	RES 39 OHM 1% 1/4W AXIAL	R308		1 13-MFR-25FTE52-39RCT-ND	0,1	0,10			-
23	3K9 1%	RES 3.9K OHM 1% 0.6W AXIAL	R309		1 13-MF0207FTE52-3K9CT-ND	0,12	0,12			-
24	100K 1%	RES 100K OHM 1% 1/4W AXIAL	R310		1 13-FMF-25FTF52-100KCT-ND	0,13	0,13			-
25	1K2 5%	RES 1.2K OHM 5% 1/4W AXIAL	R311, R314		2 1.2KQBK-ND	0,1	0,20			-
26	10R 1%	RES 10 OHM 1% 1/4W AXIAL	R313, R316		2 13-MFR-25FTE52-10RCT-ND	0,1	0,20			-
27	1K 5%	RES 1K OHM 5% 1/4W AXIAL	R315		1 1.0KQBK-ND	0,1	0,10			-
28	10R 6A	ICL 10 OHM 20% 6A 13MM	RT200		1 570-1078-ND	0,81	0,81			-
29	200MH	INDUCTOR 200MH	T200		1 N/A					-
30	TRAFO_4COIL	TRANSFORMER 4 COILS	T400		1 N/A					-
31	TP	PC TEST POINT MINIATURE BLACK	TP200, TP400, TP401		3 36-5001-ND	0,42	1,26			-
32	LM311	IC DIFF COMP W/STROBE 8DIP	U300, U301		2 296-1389-5-ND	0,57	1,14			-
33	SG3524N	IC REG CTRLR MULT TOPOLOGY 16DIP	U302		1 296-9687-5-ND	0,75	0,75			-
34	OPTO 3.75KV	OPTOISO 3.75KV 1CH GATE DVR 8DIP	U303		1 516-1476-5-ND	3,17	3,17			-
35	7815	IC REG LINEAR 15V 1.5A TO220AB	U400		1 497-1454-5-ND	0,69	0,69			-
36	7805	IC REG LINEAR 5V 1.5A TO220AB	U401		1 497-1443-5-ND	0,69	0,69			-
37	4.7V 500MW	DIODE ZENER 4.7V 500MW DO35	Z300		1 1N5230B-ND	0,16	0,16			-
38	15V 1.3W	DIODE ZENER 15V 1.3W DO41	Z301		1 1N4744AVSCT-ND	0,33	0,33			-

Aprovado por: 70 \$ 50,64 \$ 27,90

Notas	
Dolar Hoje:	5,3
Placas:	10
Preço BRL por Placa:	R\$ 296,29
Preço BRL Total:	R\$ 2.962,92

Frete Nacional:	R\$ -
Frete Internacional	R\$ 250,00
Imposto:	R\$ 214,71

TOTAL: R\$ 3.427,63