

Bauteil	Designator	Anzahl	Wert	Wert 2	Spannung [V]	Package	Artikelnummer	Distributor	Preis/Stk.	Preis
DC/DC-Modul	U1, U2	2	-	-	-	CUSTOM	DCM4623TD2K26E0T70	Mouser	368,76 €	737,52 €
Fuse-Holder	F1, F2	2	-	-	-	CUSTOM	?	?	0,00 €	0,00 €
Fuse-Holder	F3, F4	2	-	-	-	CUSTOM	3557-2	Mouser	1,09 €	2,18 €
Steckverbinder	HV_Power	1	-	-	600	CUSTOM	43045-1012	Mouser	2,41 €	2,41 €
Steckverbinder	LV_POWER	1	-	23,5 A	-	CUSTOM	172065-0004	Mouser	3,95 €	3,95 €
Steckverbinder	CTRL, NTC	2	-	-	-	CUSTOM	43045-0412	Mouser	1,11 €	2,22 €
Kondensator	C10, C20	2	4,7 uF	-	50	CHIP 1206	885012208094	Mouser	0,88 €	1,77 €
Kondensator	C11, C12, C21, C22	4	0,47 uF	-	630	CUSTOM	890303426008CS	Mouser	1,82 €	7,28 €
Kondensator	C13 - C17, C23 - C27	10	0,22 uF	-	630	CHIP 2220	885342214142	Mouser	2,13 €	21,30 €
Widerstand	R10, R20	2	100k	0,1 W	1000	CHIP 1206	CRMA1206AF100KFKEF	Mouser	0,44 €	0,87 €
Widerstand	R11, R21	2	10 k	0,1 W	-	CHIP 1206	ERA-8AEB103V	Mouser	0,36 €	0,73 €
Widerstand	R12, R22, R63, R73	4	1000 k	0,1 W	500	CHIP 2512	CRGP2512F1M0	Mouser	0,55 €	2,20 €
Widerstand	R13, R23	2	1	1 W	500	CHIP 2512	CRCW25121R00FNTG	Mouser	0,60 €	1,19 €
Diode	D10, D20	2	0,95 V	8 A	800	DO-214AB-2	S8K-E3/I	Mouser	0,57 €	1,13 €
Z-Diode	D11, D21	2	18 V	-	-	SOT-23-3	BZX84B18VLYT116	Mouser	0,42 €	0,84 €
MOSFET	Q1, Q2	2	N-Ch., Enhance.	14,9 A	1200	PG-TO263-7-12	IMBG120R181M2HXTMA1	Mouser	6,05 €	12,10 €
Spule	L10, L20	2	4200 nH	5 A	400	CUSTOM	MSS1260H-422MED	Digikey	3,09 €	6,18 €
Varistor	RV3, RV4	2	4,4 J	-	65	CUSTOM	820512001	Mouser	0,69 €	1,38 €
TVS-Diode	D30, D40	2	20 V	3 kW	-	DO-214AB-2	3.0C20CA-M3/H	Mouser	0,87 €	1,73 €
Kondensator	C30, C40	2	100 uF	-	100	CUSTOM	860130878011	Mouser	1,70 €	3,40 €
Kondensator	C31, C32, C41, C42	4	1000 uF	-	63	CUSTOM	860040780017	Mouser	3,93 €	15,72 €
Kondensator	C33 - C37, C43 - C47	10	10 uF	-	50	CHIP 2220	885012214005	Mouser	3,88 €	38,80 €
Spule	L30, L40	2	560 nH	23,5 A	-	CUSTOM	7843330056	Mouser	2,65 €	5,30 €
Widerstand	R30, R40	2	10	1 W	-	CHIP 2512	RCA251210R0FKEG	Mouser	0,63 €	1,26 €
Shottky-Diode	D31, D41	2	1,7 V	30 A	1200	D2PAK-3	IDB30E120	Mouser	1,89 €	3,78 €
Widerstand	R50, R51, R61, R71	4	1 k	0,1 W	-	CHIP 0603	ERA-3AED102V	Mouser	0,11 €	0,45 €
Widerstand	R62, R72	2	47 k	0,1 W	-	CHIP 0603	ERA-3AED473V	Mouser	0,11 €	0,22 €
Widerstand	R64, R74	2	22k	0,1 W	-	CHIP 0603	ERA-3ARW223V	Mouser	0,64 €	1,28 €
Widerstand	R65, R75	2	100 k	0,1 W	-	CHIP 0603	ERA-3APB104V	Mouser	0,36 €	0,73 €
Ferrit	FB60, FB70	2	120	100 MHz	-	CHIP 0603	782631131	Mouser	0,29 €	0,58 €
Kondensator	C60, C61, C70, C71	4	0,1 uF	-	50	CHIP 0603	885012206095	Mouser	0,09 €	0,37 €
Z-Diode	D60, D70	2	2,7 V	-	-	SOD-323-2	MM3Z2V7ST1G	Mouser	0,14 €	0,28 €
Optokoppler	OP6, OP7	2	0,005 A	600 V	5000	SOP-4L	TCLT1000	Mouser	0,46 €	0,91 €
Shottky-Diode	D50, D51	2	0,45 V	0,2 A	30	SOD-323-2	CUS521,H3F	Mouser	0,18 €	0,35 €
LED	24V	1	grün	0,03 A	-	CHIP 0603	150060GS75000	Mouser	0,14 €	0,14 €
LED	Fault1, Fault2	2	rot	0,03 A	-	CHIP 0603	150060RS75000	Mouser	0,14 €	0,28 €
Widerstand	R52	1	4,7 k	0,1 W	-	CHIP 0603	ERA-3AED472V	Mouser	0,11 €	0,11 €
									Gesamt:	880,94 €