

Item	Qty	Reference	Value	Description
1	16	ATOP1,ATOP2,P5V,10V, VADJ,TX,RXTX,RXFO,RX, RAI,GND,CLRT,CL,CD/PD, BU, ATO	TESTPOINT	
2	1	CN1	CON50A	50 pins female connector
3	1	CN2	HEADER 2	Mains supply connector
4	1	C1	470 pF 630 V	EVOX-RIFA PFR5-471J630L4
5	1	C2	47 nF X2	Epcos B32921-A2473K
6	1	C3	470 uF/16 V Electrolytic	Rubycon YK / Yageo SE-K / Nichicon VK
7	1	C4	100 uF/16 V	TDK CKG57DX7R-1C107M
8	2	C5,C10	10 uF/400 V Electrolytic	Yageo SE-K / Nichicon VK
9	1	C6	2.2 nF Y2	TDK CD12E2GA222MYNS
10	1	C8	47 nF	
11	3	C9,C17,C21	10 uF	TDK C3216X7R-1C106M
12	2	C11,C12	270 pF	
13	5	C13,C15,C18,C19,C24	100 nF	
14	2	C14,C26	10 nF	
15	1	C16	4.7 nF	
16	1	C20	10 nF	
17	1	C22	18 pF	
18	1	C23	47 pF	
19	1	C25	100 pF	
20	1	C27	56 nF 50V	
21	1	C28	100 nF X2	Epcos B32922-A2154K
22	1	C29	150 nF	
23	1	C30	220 pF	
24	1	D1	DF06S	600 V - 1.5 A Bridge Rectifier
25	1	D2	GREEN LED	
26	1	D3	STPS1H100	
27	1	D4	STTH1L06A	
28	1	D5	BAS16 2L	BAS21 also suitable
29	1	D6	SM6T6V8CA	6.8V bidirectional transil
30	1	D7	ESDA6V1L	6.1V ESD transil
31	1	D9	BZX84C8V2	8.2V Zener
32	1	F1	FUSE	2A
33	1	JP1	JUMPER	LEAVE OPENED
34	2	JP2,JP3	JUMPER	CLOSE 2-3
35	1	L1	33 uH	Epcos B82462-A4333K
36	1	L2	2x12 mH	Radiohm 42V15
37	1	L3	470 uH	Epcos B82442-A1474K
38	1	L4	1 mH	Epcos B82442-H1 105K
39	1	L5	100 uH	Würth 744-775-210J/ Epcos B82464-A4104K
40	1	L6	68 uH	Würth 744-775-168J/ Epcos B82464-A4683K
41	1	L7	330 uH	Würth 744-774-233J/ Epcos B82462-A4334K

42	1	L8	10 uH	Epcos B82432-T1103K
43	2	Q2,Q4	2N7002	
44	1	Q3	BC857BL	
45	1	R1	220K	
46	1	R2	1K5	
47	1	R3	10R 6W	Caddock MP915-10R
48	1	R6	560	
49	2	R8,R18	330	
50	1	R9	1K2	
51	1	R10	100K	
52	1	R11	4K7	
53	1	R12	680	
54	3	R13,R14,R15	5K1	
55	2	R16,R17	1M	
56	1	R19	2K	
57	1	R20	3K9	
58	1	R21	3.3	
59	1	R22	2K2	
60	1	R23	10K	
61	1	T1	SMPS TRANSFORMER	TDK SRW12.6ES-ExxH013 / Würth S06-100-057
62	1	T2	LINE TRANSFORMER	VAC T60403-K5024-X044 / Radiohm 69H14-2101
63	1	U1	SFH610-A	Optoswitch
64	1	U2	LCA710	Optoswitch - 3750V isolation
65	1	U3	ST7538Q	Power Line Transceiver
66	1	U6	VIPer 12 AS	Voltage regulator
67	1	X1	16 Mhz	Jauch Q 16.0-SS2-16-30/50-FU