

Qty	Ref	Part	Order nr	Supplier
1	R1	2.2 KOhm 1/4 Watt	(820 Ohm for USB-RS232 cables)	
2	R2,R3	1.8 KOhm 1/4 Watt		
1	R4	330 KOhm 1/4 Watt		
1	R5	0.33 Ohm 5 Watt	5W AXIAL 0,33	Reichelt
1	R6	10 KOhm 1/4 Watt		
3	R8,R9,R12	330 Ohm 1/4 Watt		
1	R10	100 Ohm 2 Watt	2W DRAHT 100	Reichelt
1	R11	470 Ohm 1/4 Watt		
1	R13	1 KOhm 1/4 Watt		
1	R14	1.2 KOhm 1/4 Watt 1% metalfilm		
1	R15	680 Ohm 1/4 Watt 1% metalfilm		
1	R16	560 Ohm 1/4 Watt 1% metalfilm		
1	C1	220 nF MKT	MKS-2 220N	Reichelt
2	C2,C3	15 nF MKT	MKS-2 15N	Reichelt
1	C4	ELCO 100 uF 35V radial	RAD 100/35	Reichelt
1	C5	ELCO 1000 uF 25V radial	RAD 1000/25	Reichelt
2	C6,C10	ELCO 10 uF 35V radial	RAD 10/35	Reichelt
2	C9,C11	ELCO 4.700uF 35V	RAD 4.700/35	Reichelt
1	C12	100 nF ceramic	KERKO 100n	Reichelt
1	C13	100 nF MKT	MKS-4 100N	Reichelt
1	C14	ELCO 100uF 25V radial	RAD 100/25	Reichelt
1	D1	Schottky diode	1N5822 OR SB330	Reichelt
1	D2	DIODE 1N4148	1N4148	Reichelt
2	LED1,LED3	LED 3mm green	LED B-3 GN	Reichelt
1	LED2	LED 3mm red	LED B-3 RT	Reichelt
1	VR1	5 V regulator	7805 TO220	Reichelt
1	VR2	12V regulator	LM2576T-12	Reichelt
1	U1	Power IC	L6203	Reichelt
1	U2	PIC12F675 + socket	PIC 12F675-I/P	Reichelt
2	U3,U4	6N137 + socket	6N137	Reichelt
1	U5	Single Opto-coupler	PC817	Reichelt
1	J1	Connector	AKL230-04+AKL249-04	Reichelt
3	St1,St2,St3	RJ12 connector	MEBP 6-6s	Reichelt
2	JP1,SW2	3 pin header with jumper		
1	GR1	BRIDGE 6Amp	KBU6A	Reichelt
1	L1	INDUCTOR 100 uH	FED 100u	Reichelt
1	F1	FUSE 3 Amp	PFRA300	Reichelt
1		Cooling	V PR127/94-M3	Reichelt
4		Clips	MC725	Reichelt
3		Screws	M3x8	
4		Mounting supports	DA4-10mm	Reichelt
4		Screws	M4x8	
1		Nut	3mm	