

Baugruppe	Quantität	Ref.	Bauform	Bezeichnung	Typ	Bemerkung
SMD	1			Leiterplatte		
SMD	0	R46,R47	1206	Nicht Bestückt	Wenn 12V Regler dann n.B	
SMD	2	C13,C14	1206	Keramik-Vielschicht-Kondensator	1206-47pF-50V-±5%	
SMD	2	C23,C25	1206	Keramik-Vielschicht-Kondensator	1206-100pF-50V-±5%-NPO	
SMD	8	D3,D4,D5,D6,D7,D8,D9,D10	SMA	General Purpose Rectifiers	S1A - SMA	
SMD	2	R48,R50	1210	SPEICHERDROSSEL L=1,5µH; DC=1A; ±2	SPEICHERDROSSEL L=1,5µH; DC=1A; ±20%	
SMD	2	R49,R51	1210	SPEICHERDROSSEL L=33µH; DC=300mA	SPEICHERDROSSEL L=33µH; DC=300mA; ±10%	
SMD	2	R18,R19	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-10R-±1%	
SMD	2	R7,R32	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-120R-±1%	
SMD	2	R14,R17	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-1K-±1%	
SMD	6	R6,R10,R22,R23,R26,R29	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-22R-±1%	
SMD	2	R2,R3	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-100R-±1%	
SMD	2	R20,R21	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-2,7K-±1%	
SMD	2	R8,R9	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-3,3K-±1%	
SMD	1	R45	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-33R-±1%	
SMD	6	R11,R30,R31,R33,R36,R37	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-470R-±1%	
SMD	2	R34,R35	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-10k-±1%	
SMD	2	R40,R41	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-22k-±1%	
SMD	2	R1,R38	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-47K-±1%	
SMD	2	R52,R53	1206	DSC-Widerstand, ±1%, TK:100ppm/K	1206-820R-±1%	
SMD	2	R24,R25	0805	SMD-Dünnschicht-Chip-Widerstand TK: 2%	0805-6K2-±0,1%	
SMD	2	R27,R28	0805	SMD-Dünnschicht-Chip-Widerstand TK: 2%	0805-499R-±0,5%	
THT	2	R12,R13	0204	0204-12R-±1%-200V-0,4W	Frei	
THT	2	R15,R16	0204	0204-22R-±1%-200V-0,4W	Frei	
THT	2	R4,R5	3,9x12mm	THT-Metallfilm 56R 500V 2W TK 250ppm	Vishay	
THT	2	R42,R43	5,2x19,5mm	THT-Metallfilm 510R 750V 3W TK 250ppm	VISHAY	
THT	2	R39,R44	0207	0207-4,7K-±1%-250V-0,6W	Frei	
THT	4	C7,C8,C20,C21	20x12,5mm-RM 5mm	Aluminium-Elektrolytkondensator 1000µF	Nichicon	
THT	8	C5,C11,C15,C16,C26,C28,C30,C32	11,2x6,3mm-RM 2,5mm	Aluminium-Elektrolytkondensator 100µF	Panasonic	
THT	2	C4,C6	5,5x7x7,2mm-RM 5mm	Folien-Kondensatoren, Typ Wima FKP2, 1	WIMA	
THT	2	C35,C36	12,6x4,6mm-RM 10mm	Folienkondensator 0,15µF-450V-5%	Panasonic	Matchen
THT	2	C9,C12	13x4mm.	Styroflex-Kondensator, Typ 150pF,	ELW 606172 STY150PST	
THT	2	C19,C22	4,5x6x7,2mm-RM 5mm	Folien-Kondensatoren, Typ Wima FKP2, 1	WIMA	
THT	2	C47,C48	9x7mm-RM 7,5mm	Folienkondensator 1µF-100V-10%	Epcos	
THT	2	C33,C34	18x8,5mm-RM 15mm	Folienkondensator 0,47µF-250V-5%	Epcos	Matchen
THT	4	C1,C2,C17,C18	16x10-RM 5mm	Aluminium-Elektrolytkondensator 470µF	Nichicon	
THT	2	C3,C10	13x4mm.	Styroflex-Kondensator, Typ 68pF,	ELW 500494 STY68PST	
THT	4	AC_Eing1,LED1,P1,P2	RM 2,54mm	2 Pol.Stiftleiste Standart 2,54mm		
THT	10	GS1,GS2,MC_Eing1,MC_Lastbuchsen1,MC_Scalt_Wider_R1,MC_Schalt_Wider_L1,MM_Eing1,MM_Last_Buchsen1,MM_Schalt_Kond_L1,MM_Schalt_Kond_R1	RM 2,54mm	3 Pol.Stiftleiste Standart 2,54mm		
THT	2	Ausgang1,Chassis_Signal_GND1	RM 2,54mm	4 Pol.Stiftleiste Standart 2,54mm		
THT	1	U2	TO220	LD Regulator 12V/1A	LM2940T-12.0-TO220	
THT	1	U3	TO220	LDO Regulator -12V/1A	LM2990T-12.0-TO220	
THT	2	D1,D2	DO-41	Schottky Diode 1A-60V	SB160	

<b>THT</b>	<b>2</b>	<b>U4,U5</b>	<b>DIP8</b>	<b>Präzision Operational Amplifiers ±4V bis</b>	<b>LT1007CN8#PBF</b>	
<b>THT</b>	<b>1</b>	<b>U1</b>	<b>DIP8</b>	<b>Operationsverstärker DUAL FET</b>	<b>OPA2604AP</b>	
<b>THT</b>	<b>1</b>	<b>U6</b>	<b>DIP8</b>	<b>OP AMP,DUAL PRAEZISION JFET, 249</b>	<b>OP249GPZ</b>	
<b>THT</b>	<b>4</b>	<b>U1,U4,U5,U6</b>	<b>DIL8</b>	<b>IC-Fassung 2x4pol., RM 2,54x7,62mm 10x10x4,4mm</b>		
<b>Gerät</b>	<b>2</b>	<b>Schalter: Kipp-; 3-stellig; DP3T; ON-OFF-ON; 2A/250VAC; 5A/28VDC</b>				
<b>Gerät</b>	<b>1</b>	<b>Schalter: Kipp-; 2-stellig; DPDT; ON-ON; 2A/250VAC; 5A/28VDC</b>				
<b>Gerät</b>	<b>1</b>	<b>Schalter: Kipp-; 2-stellig; SPDT; ON-ON; 2A/250VAC; 5A/28VDC</b>				
<b>Gerät</b>	<b>1</b>	<b>Buchse; DC-Versorgungs; Stecker; 5,5mm; 2,1mm; ge</b>	<b>TME</b>			
<b>Gerät</b>	<b>1</b>	<b>Buchse Bananen-Steckv., 4 mm 60V DC L:34mm Montageloch: Ø8mm Farbe: schwarz,Bananenstecker 4mm,Buchse geschraubt, Länge: 34mm.</b>	<b>TME</b>			
<b>Gerät</b>	<b>1</b>	<b>230Vac-15Vac-0,5A-7,5VA</b>	<b>Velleman</b>	<b>P1505AC</b>		
<b>Gerät</b>	<b>0</b>	<b>230Vac-15Vac-1A-7,5VA</b>	<b>Velleman</b>	<b>P1510AC</b>		
<b>Gerät</b>	<b>1</b>	<b>5mm LED, Blau,500mcd-30mA-3.2V-470nm</b>	<b>Würth</b>			
<b>Gerät</b>	<b>1</b>	<b>LED-Montageclip, 1teilig DMC50 Passend für LED 5 m</b>	<b>Conrad</b>			
<b>Gerät</b>	<b>5</b>	<b>Verbindung: RCA; Buchse; Buchse; vergoldet; isoliert</b>	<b>TME</b>			
<b>Gerät</b>	<b>5</b>	<b>Verbindung: RCA; Buchse; Buchse; vergoldet; isoliert</b>	<b>TME</b>			
<b>Gerät</b>	<b>33,3</b>	<b>Flachbandkabel 10pol. AWG26 farbig RM1,27 300V 10</b>	<b>3M</b>	<b>3811/10SF</b>		
<b>Gerät</b>	<b>50</b>	<b>Verdrahtungsleitung Twisted pair geschirmt Yv0(St)Y, Massivdraht, PVC,2x0,5mm Rolle mit 250 Meter.</b>	<b>Kabeltronik</b>	<b>YV0(ST)Y 2X0,5</b>		
<b>Gerät</b>	<b>1</b>	<b>GEHAEUSE, ALU, 160X103X53mm, ALUPL., SCHWARZ</b>	<b>HAMMOND</b>	<b>1455N1601BK</b>		
<b>Gerät</b>	<b>0</b>	<b>GEHAEUSE, ALU, 160X103X53mm, ALUPL., SILBER</b>	<b>HAMMOND</b>	<b>1455N1601</b>		