Pos.	Anzahl	Name	Wert	Footprint SMD	TYP	
1	15	C201 C203 C204 C302 C303 C307 C316 C401 C402 C403 C414 C501 C503 C504 C505	100n/50V	C-0603	C-0603, Keramikkondensator, 50V, X7R, 20%, Hersteller wahlfrei	
2	6	C202 C205 C206 C207 C208 C411	1u/6,3V	C-0805	C-0805, Keramikkondensator, >=6.3V, X7R, 20%, Hersteller wahlfrei	
3	11	C301 C304 C305 C306 C312 C313 C314 C315 C404 C405 C506	4u7/6,3V	C-1206	C-1206, Keramikkondensator, >=6.3V, X7R, 20%, Hersteller wahlfrei	
4	2	C308 C309	2n2/50V	C-0603	C-0603, Keramikkondensator, 50V, X7R, 20%, Hersteller wahlfrei	
5	2	C310 C311	2u2/6,3V	C-0805	C-0805, Keramikkondensator, >=6.3V, X7R, 20%, Hersteller wahlfrei	
6	3	C406 C407 C408	330n/50V	C-0603	C-0603, Keramikkondensator, 50V, X7R, 20%, Hersteller wahlfrei	
7	2	C412 C413	68n/50V	C-0603	C-0603, Keramikkondensator, 50V, X7R, 20%, Hersteller wahlfrei	
8	1	C502	1n/200V	C-0603	C-0603, Keramikkondensator, 200V, X7R, 20%, Hersteller wahlfrei	
9	2	D201 D202	BAT54J	D_SOD-323F	Schottky Diode BAT54J (SOD323F), Hersteller wahlfrei	Mouser 241-BAT54WS_R1_00001
10	1	D501	WE-TVS-82400102	WE-TVS-82400102	ESD Suppressor TVS Diode WE-TVS-82400102, Hersteller: Würth Elektronik	Mouser 710-82400102
11	1	D301	green 2mA	OSRAM_DELLS1.22	LED 2mA green 570nm 4.5mcd, KGDELLS1.22-JGKH-24, Hersteller: OSRAM	Mouser 720-KGDELLS122A4849
12	1	D502	yellow 2mA	OSRAM_DELLS1.22	LED 2mA yellow 587nm 7.1mcd, KYDELLS1.22-KGLH-26, Hersteller: OSRAM	Mouser 720-KYDELLS122A4853
13	1	D503	orange 2mA	OSRAM_DELLS1.22	LED 2mA orange 606nm 8.2mcd, KODELLS1.22KHLI-24, Hersteller: OSRAM	Mouser 720-KODELLS122A4850
14	3	L201 L202 L501	BLM21AG102SN1D	L-0805	BLM21AG102SN1D, Ferrite Bead BLM21, Hersteller wahlfrei	alternativ: Mouser 81-BLM21BD182SN1D
15	1	L502	WE-CNSW_744232090	WE-CNSW_1206	Common Mode Choke/Filter WE-CNSW 744232090, Hertseller: Würth Elektronik	Mouser 710-744232090 (derzeit nicht lieferbar)
16	3	Q401 Q402 Q403	BSS138	SOT-23	BSS138 - N-MOS, Vds=50V, Id=0,22A, Ron=3R5	
17	17	R202 R203 R210 R308 R309 R310 R311 R312 R401 R404 R405 R406 R409 R410 R424 R425 R508	10k	R-0603	R-0603, Metallschichtwiderstand 1%, 1/16W, Hersteller wahlfrei	
18	5	R204 R205 R206 R208 R209	3k9	R-0603	R-0603, Metallschichtwiderstand 1%, 1/16W, Hersteller wahlfrei	
19	5	R201 R207 R301 R510 R511	820	R-0603	R-0603, Metallschichtwiderstand 1%, 1/16W, Hersteller wahlfrei	
20	5	R303 R304 R305 R306 R307	220	R-0603	R-0603, Metallschichtwiderstand 1%, 1/16W, Hersteller wahlfrei	
21	2	R314 R315	470	R-0603	R-0603, Metallschichtwiderstand 1%, 1/16W, Hersteller wahlfrei	
22	4	R407 R430 R431 R502	0Ω	R-0603	R-0603, Metallschichtwiderstand 1%, 1/16W, Hersteller wahlfrei	
23	3	R412 R415 R501	220k	R-0603	R-0603, Metallschichtwiderstand 1%, 1/16W, Hersteller wahlfrei	
24	10	R411 R413 R414 R416 R417 R418 R419 R420 R421 R422	20k	R-0603	R-0603, Metallschichtwiderstand 1%, 1/16W, Hersteller wahlfrei	
25	1	U201	DS3232MZ+	SOIC-8_3.9x4.9mm	DS3232MZ+, I2C Real-Time Clock (±5ppm) with SRAM, Hersteller: Maxim integrated	Mouser 700-DS3232MZ+
26	2	U202 U203	LP3990MFX-3.3	SOT-23-5	LP3990MF-3.3, LDO 3.3V 150mA, Hersteller: Texas Instruments	Mouser 926-LP3990MFX33NOPB
27	1	U205	24LC32AX-E/ST	TSSOP-8_4.4x3mm	24LC32AX, Serial EEPROM X-rotated (TSSOP-8), Hersteller: Microchip	Mouser 579-24LC32AX-E/ST
28	1	U301	PCM5122PW	TSSOP-28_4.4x9.7mm	PCM5122PW, 2-VRMS DirectPath™, 112-dB and 106-dB Audio Stereo DAC, Hersteller: Texas Instruments	Mouser 595-PCM5122PW
29	1	U401	LM4838MTEX/NOPB	HTSSOP-28-1EP_4.4x9.7mm	Boomer(R) Stereo 2W Audio Power Amplifier, LM4838, Manufacturer: Texas Instruments	Mouser 926-LM4838MTEX/NOPB
30	1	U501	FT232RL	SSOP-28_5.3x10.2mm	USB Interface to UART, FT232RL, Manufacturer: FTDI Chip	Mouser 895-FT232RL (derzeit nicht lieferbar)
31	1	X501	USB_B_Mini 2486-04	USB_B_Mini	Mini-USB Type B 2486-04, Manufacturer: Lumberg	Reichelt LUM 2486-01

Pos.	Anzahl	Name	Wert	Footprint THT	TYP	
32	1	BT201	CR2025	BAT-HLD-003-SMT	Coin Cell Battery Holder for CR20xx, Hersteller: Linx Technologies	Mouser 712-BAT-HLD-003-SMT
33	1	C209	1F (Goldcap)	RM5.0mm, 21.5x7.5	Supercap RM5.0mm, 21.5mm x 7.5mm, EDC105Z5R5C, Hersteller: Cornell Dubilier (CDE)	Mouser 598-EDS105Z3R6V
34	1	JP201 (18 mal zum Trennen)	10048256	36x1, 2.54mm	Stiftleiste einreihig, 36-polig, RM 2.54mm, gerade, schwarz, 10048256 (SL11/124/36 S), Hersteller: Fischer Elektronik	Bürklin 59F6722
35	1	JP401	10046106	3x1, 2.54mm	Stiftleiste einreihig, 3-polig, RM 2.54mm, gerade, schwarz, 10046106 (SL1/25/3/G), Hersteller: Fischer Elektronik	Bürklin 59F6548
36	1	JP508-510-511-513 (zusammengefasst)	10055133	4x2, 2.54mm	Stiftleiste zweireihig, 8-polig, RM 2.54mm, gerade, schwarz, 10055133 (SL22/124/8/G), Hersteller: Fischer Elektronik	Bürklin 59F7182
37	6	Jumper	10005984		Kurzschluss- und Verbindungsbrücke 10005984 (CAB 4 GS SW), Hersteller: Fischer Elektronik	Bürklin 40F4250
38	1	R429	20k	3386P-1-203LF	Potentiometer 3386P-1-203LF, Hersteller: Bourns	Mouser 652-3386P-1-203LF (Bürklin 76E6570)
39	1	U204	24LC32A/P	DIP-8_W7.62mm	24LC32A/P, Serial EEPROM (PDIP-8), Hersteller: Microchip	Mouser 579-24LC32AP
40	1	Sockel für U204	MPE 001-1-008-3	DIP-8_W7.62mm	Präzisionsfassung, 8-polig (PDIP-8), Hersteller: MPE-Garry	Reichelt MPE 001-1-008-3
41	1	X101	SSQ-120-03-G-D	SSQ-120-03-G-D_bottom	40pin female connector SSQ-120-03-G-D, Hersteller: samtec	Mouser 200-SSQ12003GD
42	1	X101 alternativ	10055185	20x2, 2.54mm	Stiftleiste zweireihig, 40-polig, RM 2.54mm, gerade, schwarz, 10055185 (SL22/124/40/G), Hersteller: Fischer Elektronik	Bürklin 59F7560
43	1	X102	SSQ-120-02-G-D	SSQ-120-02-G-D_lateral	40pin female connector SSQ-120-02-G-D, Hersteller: samtec	Mouser 200-SSQ12002GD
44	2	X102 alternativ	MPE 115-3-020	MPE 115-3-020	Präzisionsbuchsenleiste, 2.54mm 2x10, gerade, Hersteller MPE-Garry	Reichelt MPE 115-3-020
45	1	X103	PJRAN2X1U01AUX	Switchcraft_pjran2x1u_series	Double RCA/Cinch socket PJRAN2X1U01AUX, Hersteller: Switchcraft	Mouser 502-PJRAN2X1U01AUX
46	1	X401	10801404	LxWxH=20x8.2x10	screw_terminal_WECO_140-A-111-04_4pin_LxWxH=20x8.2x10, Hersteller: WECO	Buerklin 08H8514