

Comment	Description	Designator	Footprint	PartType	Distributor	Distributor Part	Quantity
BC517	NPN Darlington Transistor	T3, T4, T5, T6	TO-92A	BC517			4
DBG	Drahtbrücke	S1	CON_FISCHER_SL1_2	DBG			1
RST	Drahtbrücke	S2	CON_FISCHER_SL1_2	RST			1
SL2	Steckverbinder 2x3pol	X1	CON_FISCHER_SL2_6	SL2			1
CR2032	Multicell Battery	BT1	BAT_AMP_796136-1	CR2032	Bürklin	28A152	1
0R	Widerstand	R14, R15, R16, R17	0603	0R	Digi-Key	311-0.0GRCT-ND	4
0µ47/25V	Elko	C21	1210	0µ47/25V	Digi-Key	399-5112-1-ND	1
1,5KE 36CA	Bipolar Transil-Diode	D3	D_AXIAL_RM15	1,5KE 36CA	Digi-Key	1.5KE36CALFCT-ND	1
100nF	Kondensator	C1, C14, C17, C18, C19	0805	100nF	Digi-Key	490-1666-1-ND	5
100nF	Kondensator	C3, C4, C5	0603	100nF	Digi-Key	399-1095-1-ND	3
100nF X2	Kondensator	C11	C_BLOCK_6X13_RM10	100nF X2	Digi-Key	495-2318-ND	1
100R	Widerstand	R1	0805	100R	Digi-Key	311-100CRCT-ND	1
100uF/16V	Elko	C15	C_SMD_594SERIES	100uF/16V	Digi-Key	478-1723-1-ND	1
10K	Widerstand	R3, R12, R13, R20, R29	0805	10K	Digi-Key	311-10.0KCRCT-ND	5
10nF	Kondensator	C10, C16	0805	10nF	Digi-Key	490-1664-1-ND	2
1K0	Widerstand	R23, R24, R27, R28	0805	1K0	Digi-Key	311-1.00KCRCT-ND	4
1N4148W	Diode	D9, D10	SOD-123	1N4148W	Digi-Key	1N4148W-FDICT-ND	2
1µF	Kondensator	C6, C9	0805	1µF	Digi-Key	399-1172-1-ND	2
20pF	Kondensator	C7, C8	0805	20pF	Digi-Key	478-3735-1-ND	2
22R	Widerstand	R10, R11	0805	22R	Digi-Key	311-22.0CRCT-ND	2
22µF/10V	Elko	C2, C25	6032	22µF/10V	Digi-Key	718-1065-1-ND	2
2N7002	N-Channel Enhancement Mode Vertical DMOS FET	T1, T2	SOT23_A	2N7002	Digi-Key	2N7002-FDICT-ND	2
2µ2/25V	Elko	C20, C22, C23	1210	2µ2/25V	Digi-Key	399-3084-1-ND	3
300R	Widerstand	R4	0805	300R	Digi-Key	311-300CRCT-ND	1
32.768kHz	Quarz	XTAL2	XTAL_CM200T	32.768kHz	Digi-Key	300-8340-1-ND	1
330µF/35V	Elko	C12, C13	C_RAD_D10/RM5	330µF/35V	Digi-Key	P5167-ND	2
33R	Widerstand	R21, R22, R25, R26	1206	33R	Digi-Key	311-33ERCT-ND	4
47K	Widerstand	R2, R9, R18, R19	0805	47K	Digi-Key	311-47.0KCRCT-ND	4
4K7	Widerstand	R8	0805	4K7	Digi-Key	311-4.70KCRCT-ND	1
560R	Widerstand	R5, R7	1206	560R	Digi-Key	311-560FRCT-ND	2
68uH	Spule	L1	L_SLF7045	68uH	Digi-Key	445-2027-1-ND	1
AT90USB162-16AU	AT90USB82/162 AVR Microcontroller	IC2	LQFP-32_0.8	AT90USB162-16AU	Digi-Key	AT90USB162-16AU-ND	1
BAS40H	Small Signal Schottky Diode	D7, D8	SOD-123	BAS40H	Digi-Key	568-3407-1-ND	2
HCM49-16.000	Quarz	XTAL1	XTAL_HCM49	HCM49-16.000	Digi-Key	300-8555-1-ND	1
LM2672M-5.0	High Efficiency 1A Step-Down Voltage Regulator	IC3	SO-8	LM2672M-5.0	Digi-Key	LM2672M-5.0-ND	1
MAX3232CSE+	DUAL EIA-232 DRIVER/RECEIVER	IC5	SOIC16	MAX3232CSE+	Digi-Key	MAX3232CSE+-ND	1
MBRA140T3G	Schottky-Diode	D2, D4	D_SMA	MBRA140T3G	Digi-Key	MBRA140T3GOSCT-ND	2
MPZ2012S300A	Spule	L2	0805	MPZ2012S300A	Digi-Key	445-1566-1-ND	1
PCF2123TS	SPI RTC	IC4	TSOP65P640-14AM	PCF2123TS	Digi-Key	568-4534-1-ND	1
S07K30	Varistor	R6	R_BLOCK_9X4_RM5	S07K30	Digi-Key	495-1405-ND	1
ASLG 10	Steckverbinder 10pol	X4	CON_FISCHER_ASLG_10	ASLG 10	Reichelt	WSL 10G	1
LED gr	LED	D1	D_1206	LED gr	Reichelt	SMD-LED 1206 GN	1
LED rt	LED	D5	D_1206	LED rt	Reichelt	SMD-LED 1206 RT	1
OMRON G5V-1	Relais 2 Wechsler	K1, K2	REL_OMRON_G5V-1	OMRON G5V-1	Reichelt	G5V-1 5V	2
PSS254	Steckverbinder 2pol	X2, X6, X8, X10, X11, X12, X13	CON_PSS254G_2	PSS254	Reichelt	PSS 254/2G	7
PSS254	Steckverbinder 3pol	X5, X7, X9	CON_PSS254G_3	PSS254	Reichelt	PSS 254/3G	3
PSS254	Steckverbinder 5pol	X3	CON_PSS254G_5	PSS254	Reichelt	PSS 254/5G	1