

Tabelle1

Referenz	Value	Footprint	Menge	Preis
C7	10pF	SMD_0603_Capacitor	1	0,02
C9	3,9uF	SMD_0805_Capacitor	1	0,05
C16	1uF	SMD_0603_Capacitor	1	0,02
C22	1nF	SMD_0603_Capacitor	1	0,02
C32	22uF	SMD_1210_Capacitor	1	0,05
C33	10nF	SMD_0603_Capacitor	1	0,02
C1-C6, C8, C10-C15, C17-C21, C23-C26, C28, C34, C36-C38, C40, C41, C44-C46, C50, C51	100nF	SMD_0603_Capacitor	34	0,01
C35	100uF	SMD_1210_Capacitor	1	0,1
C39, C42, C43, C47	470nF	SMD_0603_Capacitor	4	0,02
C48	2nF	SMD_0603_Capacitor	1	0,02
C49	8,2nF	SMD_0603_Capacitor	1	0,02
D3, D4, D39-D42	LED/GELB	SMD_0603_LED	6	0,25
D1, D5, D7, D9, D11, D33	LED/ROT	SMD_0603_LED	6	0,25
D34	SMAJ10CA	SMD_SMA_Diode	1	0,31
D35	BZX585-C5V1	SMD_0805_Diode	1	0,3
D37	B340A	SMD_SMA_Diode	1	0,35
D2, D6, D8, D10, D12, D36, D38	LED/GRUEN	SMD_0603_LED	7	0,25
D43	BAS416	SMD_0805_Diode	1	0,3
F1	100mA M	SMD_1812_Fuse	1	0,95
H1-H4	MountingHole	MountingHole_3,2mm	4	
J1	INPUT/MALE-DB9	DSUB-Male	1	2,45
J2	OUTPUT/FEMALE-DB9	DSUB-Female	1	2,93
J3	5k Poti	THT_ACP-CA6-H2,5_Poti	1	2,43
J4	VCC	THT_2,54mm-01x02_Pin	1	
J5	9V_Batt	THT_2,54mm-01x02_Pin	1	
J6-J9	MEASURE-CON	THT_2,54mm-01x02_Pin	4	
J10-J13	Conn_02x01	THT_2,54mm-01x02_Pin	4	
J14-J16	GND	THT_2,54mm-01x02_Pin	3	
JP1-JP3	Jumper	Jumper	3	
L1	6,8uH	SMD_L-7.3x7.3_H4.5_Coil	1	2,65
Q1	Si2318	SMD_SOT-23	1	0,46
Q2, Q4, Q6, Q8, Q10	Si2301	SMD_SOT-23	5	0,15
Q3, Q5, Q7, Q9	BSS123	SMD_SOT-23	4	0,29
Q11	BC858	SMD_SOT-23	1	0,27
R2	18k	SMD_0603_Resistor	1	0,01
R4	820k	SMD_0603_Resistor	1	0,01
R11	1k8	SMD_0603_Resistor	1	0,01
R12	1k	SMD_0603_Resistor	1	0,01
R13	1R	SMD_1206_Resistor	1	0,08
R42	3k9	SMD_0603_Resistor	1	0,01
R5, R7, R8, R14, R16, R18, R20, R44, R52, R57, R62, R67	3k3	SMD_0603_Resistor	12	0,01
R45	10k2	SMD_0603_Resistor	1	0,01
R46	1k96	SMD_0603_Resistor	1	0,01
R6, R15, R17, R19, R21, R47	2k4	SMD_0603_Resistor	6	0,01
R53, R58, R63, R68	510R	SMD_0603_Resistor	4	0,01
R9, R56, R61, R66, R71	0R	SMD_0603_Resistor	5	0,01
R72	15k	SMD_0603_Resistor	1	0,01
R73	680k	SMD_0603_Resistor	1	0,01
R74	150k	SMD_0603_Resistor	1	0,01
R75	34k	SMD_0603_Resistor	1	0,01
R76	560k	SMD_0603_Resistor	1	0,01
R77	1M	SMD_0603_Resistor	1	0,01
R1, R3, R22, R43, R48-R51, R54, R55, R59, R60, R64, R65, R69, R70, R78-R81, R83-R86, R89	10k	SMD_0603_Resistor	25	0,01
R10, R82	NP	SMD_0603_Resistor	2	0,01
R87	36k	SMD_0603_Resistor	1	0,01
R88	16k	SMD_0603_Resistor	1	0,01
R90	8,2k	SMD_0603_Resistor	1	0,01
R91	43k	SMD_0603_Resistor	1	0,01
R92	22R	SMD_0603_Resistor	1	0,01
RV2, RV3	2k	THT_ACP-CA6-H2,5_Poti	2	2,43
SW1	START	SMD_6x6mm-9.5mm_Button	1	0,13
SW2	MODE	SMD_6x6mm-9.5mm_Button	1	0,13
SW3	PWR ON/OFF	THT_2,54mm-01x02_Pin	1	
TP1-TP37	TestPoint	Testpoint	37	

Tabelle1

U1, U4, U23, U34	74HC08PW	SMD_TSSOP-14_0,65mm	4	0,356
U2, U30, U31	74HC02PW	SMD_TSSOP-14_0,65mm	3	0,364
U5	CD74HC4514M96	SMD_SOIC24W_1,27mm	1	2,71
U6	SN74LS93	SMD_SOIC14_1,27mm	1	2,52
U7	TPS_54331	SMD_SOIC8_1,27mm	1	2,83
U8, U9, U32	74AHC1G14	SMD_SOT353	3	0,34
U10, U22	74AHC2G08	SMD_VSSOP8_0,5mm	2	0,39
U11	NE555	SMD_SOIC8_1,27mm	1	0,35
U3, U12	74AHC1G32	SMD_SOT23-5	2	0,34
U14	LTC6993	SMD_SOT23-6	1	3,17
U13, U15	74LVC1G175	SMD_SOT363	2	0,28
U16	74LVC2G14	SMD_SOT23-6	1	0,47
U17	LMV321AUIDBVR	SMD_SOT23-5	1	0,44
U18	LMV358MM	SMD_SOIT8_1,27	1	0,75
U19	INA826AIDRGT	BGA_QFN-DFN-8-1_0,5	1	2,53
U20, U21	74HC595	SMD_TSSOP-16_0,65mm	2	0,57
U28	74HC1G126	SMD_SOT353	1	0,3
U29	74HC86PW	SMD_TSSOP-14_0,65mm	1	0,28
U38, U39	DG2535	SMD_MSOP10_0,5	2	1,32
Gesamt				52,4

Kalkulierte Preise mit externen Distributor (für BMK nicht aussagekräftig)