

Tabelle1

SoIPIReferences	Value	Footprint	Quantity
1 C1, C2, C7, C10, C11, C15, C17, C19, C20, C22	100nF	C_0603_1608Metric	10
2 C3, C4, C12, C18	1µF	C_0603_1608Metric	4
3 C6	4.7µF	C_0603_1608Metric	1
4 C16	22pF	C_0603_1608Metric	1
5 C5, C8, C13	10µF	C_0805_2012Metric	3
6 C9	47µF	C_0805_2012Metric	1
7 C14	22µF	C_0805_2012Metric	1
8 C21	0,2F	C_Rect_L7.0mm_W6.0mm_P5.00mm	1
9 R27, R28, R29	0K	R_0201_0603Metric	3
10 R3, R4, R5, R6, R7, R8, R11, R15, R20, R23, R25	10K	R_0603_1608Metric	11
11 R1, R17, R18, R26	330R	R_0603_1608Metric	4
12 R12, R13, R14	2.2K	R_0603_1608Metric	3
13 R16, R21, R24	0K	R_0603_1608Metric	3
14 R10, R32	6.8K	R_0603_1608Metric	2
15 R2	20K	R_0603_1608Metric	1
16 R9	56R	R_0603_1608Metric	1
17 R19	9.1K	R_0603_1608Metric	1
18 R22	82K	R_0603_1608Metric	1
19 R30, R31	5.6M	R_0805_2012Metric	2
20 L3	10µH	L_0805_2012Metric	1
21 D3, D4, D7, D10, D11, D12	1N4148	D_SOD-323_HandSoldering	6
22 D8	LED Green	LED_0805_2012Metric	1
23 D9	LED Red	LED_0805_2012Metric	1
24 D1	LED	PinHeader_1x02_P2.54mm_Vertical	1
25 D5	LED Green	PinHeader_1x02_P2.54mm_Vertical	1
26 D6	LED Red	PinHeader_1x02_P2.54mm_Vertical	1
27 D2	BAT54S	SOT-23	1
28 U2	ATmega328-PU	DIP-28_W7.62mm_Socket	1
29 U1	M24C64-WMN	DIP-8_W7.62mm_Socket	1
30 U5	PCF8583	DIP-8_W7.62mm_Socket	1
31 U4	M24C64-WMN	SO-8_5.3x6.2mm_P1.27mm	1
32 U6	PCF8563	SO-8_5.3x6.2mm_P1.27mm	1
33 U3	L7805	TO-220-3_Vertical	1

Tabelle1

34	Y1	32KHz	Crystal_AT310_D3.0mm_L10.0mm_Vertica	1
35	F1	250mA	Fuse_0805_2012Metric	1
36	SW1	Disp	PinHeader_1x02_P2.54mm_Vertica	1
37	SW2	Disp	SW_PUSH_6mm_H13mm	1
38	BZ1	Buzzer	Buzzer_12x9.5RM7.6	1
39	FB1, FB2, FB3, FB4	BLM18	L_0603_1608Metric	4
40	Q1, Q4, Q6	PDTC114	SOT-23	3
41	Q2, Q3, Q5	NX2301	SOT-23	3
42	J2	Conn9VBat/5VUSE	PinHeader_1x02_P2.54mm_Vertica	1
43	J10	AudioOut	PinHeader_1x02_P2.54mm_Vertica	1
44	J1	Conn_01x03_MP5I	PinHeader_1x03_P2.54mm_Vertica	1
45	J5	Conn_01x03_WPSP	PinHeader_1x03_P2.54mm_Vertica	1
46	J7	Conn_01x03_RF	PinHeader_1x03_P2.54mm_Vertica	1
47	J9	Conn_01x03INT1I	PinHeader_1x03_P2.54mm_Vertica	1
48	J4	Conn_01x04_OLEI	PinHeader_1x04_P2.54mm_Vertica	1
49	J6	Conn_01x04_Male	PinHeader_1x04_P2.54mm_Vertica	1
50	J8	Conn_01x04_CC8	PinHeader_1x04_P2.54mm_Vertica	1
51	J3	ICP	PinHeader_2x03_P2.54mm_Vertica	1