Materialstückliste

ID Name	BMK	Menge	ME	Herstellerbeschreibung	Hersteller	Preis
1 22uF 10V	C1	1	ST	NHG-A 470U 10 Elko, radial, 22μF, 10V, RM3,5, 1000h, 105°C, 20%	Chong	0,27€
2 22pF	C2	1	ST	KERKO-500 22P Keramik-Kondensator, 22 pF, 10 %, NPO, 500 V, RM 5	Murata Manufacturing	0,07€
3 22pF	C3	1	ST	KERKO-500 22P Keramik-Kondensator, 22 pF, 10 %, NPO, 500 V, RM 5	Murata Manufacturing	0,07€
4 22uF 10V	C4	1	ST	NHG-A 470U 10 Elko, radial, 22μF, 10V, RM3,5, 1000h, 105°C, 20%	Chong	0,27€
5 470uF	C5	1	ST	NHG-A 1,0M 16 Elko, radial,470μF, 16V, RM5,0, 1000h, 105°C, 20%	Chong	0,35€
6 10uF 16V	C6	1	ST	NHG-A 470U 10 Elko, radial, 10μF, 16V, RM3,5, 1000h, 105°C, 20%	Chong	0,27€
7 ATMEGA328P-PU	CPU1	1	ST	ATMEGA328P-PU	Mikrochip	3,70€
8 IC-Sockel	CPU1	1	ST	GS 28-S	Mikrochip	0,11€
9 ESP-01	CPU2	1	ST	ESP8266 ESP-01S Serielle WiFi Transceiver Module	Weewooday	2,12€
10 KY-040	EN1	1	ST	KY-040 Module	AZ-Delivery	4,79€
11 2,5A Feinsicherung	F1	1	ST	Feinsicherung 5x20mm, träge 2,5A	Eska	0,28€
12 Sicherungshalter	F1	1	ST	A19040900ux0294eu	Sourcing map	1,99€
13 Kaltgeräte Einbaubuchse	L_in	1	ST	LSBCT	Himetsuya	2,50€
14 150mH	L1	1	ST	L-11P 150M Stehende-Induktivität, 11P, Ferrit, 150M	Fastron group	0,95€
15 20x04 LCD+I2C	LCD1	1	ST	HD44780 2004 LCD Display	AZ-Delivery	11,29 €
16 EL817	01	1	ST	EL817MB 4 PIN DIP Phototransistor	Everlight	0,17€
17 330 Ohm	R1	1	ST	1/4W 330 Widerstand, Kohleschicht, 330 Ohm, 0207, 250 mW, 5%	Yageo	0,15€
18 2.2 Kohm	R10	1	ST	2,2K Widerstand, Metallschicht, 2,2 kOhm, 0207, 0,6 W, 1%	Yageo	0,12€
19 1 Kohm	R11	1	ST	E24 Kohleschicht 1/4W 1,0K	Yageo	0,15€
20 10 Kohm	R12	1	ST	10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	Yageo	0,08€
21 10 Kohm	R13	1	ST	10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	Yageo	0,08€
22 330 Ohm	R2	1	ST	1/4W 330 Widerstand, Kohleschicht, 330 Ohm, 0207, 250 mW, 5%	Yageo	0,15€
23 10 Kohm	R3	1	ST	10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	Yageo	0,08€
24 10 Kohm	R4	1	ST	10,0K Widerstand, Metallschicht, 10,0 kOhm, 0207, 0,6 W, 1%	Yageo	0,08€
25 330 Ohm	R5	1	ST	1/4W 330 Widerstand, Kohleschicht, 330 Ohm, 0207, 250 mW, 5%	Yageo	0,15 €
26 330 Ohm	R6	1	ST	1/4W 330 Widerstand, Kohleschicht, 330 Ohm, 0207, 250 mW, 5%	Yageo	0,15 €
27 330 Ohm	R7	1	ST	1/4W 330 Widerstand, Kohleschicht, 330 Ohm, 0207, 250 mW, 5%	Yageo	0,15€
28 DS3231	RTC1	1	ST	RTC DS3231	AZ-Delivery	6,99€
29 Schuko Steckdose 16 A 250 V	SD1	1	ST	1520 WW Schuko Steckdose 16 A 250 V Serie AS 500 250 V	Jung	3,68€
30 230V/12V 3,6VA	T1	1	ST	387.12-1 Printtrafo, 3,6 VA, 12 V, 315 mA, RM 27,5 mm	Gerth	5,50€
31 MOC3020	TRI1	1	ST	MOC 3020 OPTOKOPPLER =K3020	Lite-On Inc.	0,28€
32 BT136/600	TRI2	1	ST	BT 136/600 TRIAC, 600 V, 4 A, TO-220	East semiconductor	0,70€
33 DF08M	U1	1	ST	DF08M-FAI	Fagor	0,32€
34 LMO78_05-1.0	U2	1	ST	LMO78_05-1.0 DC/DC-Wandler, 5 W, 5 V, 1000 mA, SIL TO220	Gaptec	4,10 €
35 DF08M	U3	1	ST	DF08M-FAI	Fagor	0,32€
36 LMO78_05-1.0	U2	1	ST	LMO78_03-1.0 DC/DC-Wandler, 5 W, 3.3 V, 1000 mA, SIL TO220	Gaptec	4,10 €
37 JST-XH04	U9	1	ST	JST-XH04	GTIWung	0,01€
38 16MHz Quartz	X1	1	ST	IQD LFXTAL003240 Standardquarz, Grundton, 16 MHz	IQD	0,32€
					Summe	56,86€