Tabelle1

Partlist

Part	Value	Device	Reichelt	Preis
C1	4u7	C-EUC0805	X5R-G0805 4,7	0,05
C2	10uF	CPOL-EU085CS-1AR	X7R-G1210 10	0,48
C3	100n	C-EUC0805	X7R-G0603 100N0,05	0,05
C4	22p	C-EUC0805	NPO-G0603 22P	0,05
C5	22p	C-EUC0805	NPO-G0603 22P	0,05
CFG		MA03-2	SL 2X25G 2,54 (Anteilig 5%)	
D1	3V6	ZENER-DIODESOD80C	SMD ZF 3,6	0,05
D2	3V6	ZENER-DIODESOD80C	SMD ZF 3,6	1,05
IC1	MEGA48	MEGA8-AI	ATMEGA 168A-AU	
IR		MA04-1	SL 1X40G 2,54 (optional; Anteilig 10%)	
ISP		MA05-2	SL 2X25G 2,54 (Anteilig 20%)	
LED1	green	LEDCHIPLED_1206	SMD-LED 1206 GN	0,13
LED2	red	LEDCHIPLED_1206	SMD-LED 1206 RT	0,1
MB-SW		MA04-1	SL 1X50W 2,54 oder SL 1X40G 2,!	0,1
OPT		MA03-2	Optional Teil von „SL 2X25G 2,54"	0,2
Q2		CRYSTALHC49UP	12,0000-HC49-SMD	0,24
R1	68	R-EU_M0805	SMD-0805 68,0	0,1
R2	68	R-EU_M0805	s.o.	0,1
R3	2k2	R-EU_M0805	SMD-0805 2,20K	0,1
R4	1k	R-EU_M0805	SMD-0805 1,00K	0,1
R5	1k	R-EU_M0805	s.o.	0,1
R6	10k	R-EU_M0805	SMD-0805 10,0K	0,1
R7	1k	R-EU_M0805	s.o.	0,1
R8	560	R-EU_M0805	SMD-0805 560	0,1
R9	560	R-EU_M0805	s.o.	0,1
SV2		FE05W	MPE 094-1-005	0,26
X1	1501_031501_03		LUM 1501-03	0,7
			Summe	**2,63**

K2			35701331	Optional SIL 7271-D 5V	1,5
OK1	PC817	PC817		Optional PC 817X	0,35
	38KHz			TSOP 31238	0,77
	56KHz			TSOP 31256	0,8

Tabelle1

Package	Library
C0805	rcl
085CS_1AR	rcl
C0805	rcl
C0805	rcl
C0805	rcl
MA03-2	con-lstb
SOD80C	diode
SOD80C	diode
TQFP32-08	atmel
MA04-1	con-lstb
MA05-2	con-lstb
CHIPLED_1206	led
CHIPLED_1206	led
MA04-1	con-lstb
MA03-2	con-lstb
HC49UP	crystal
M0805	rcl
M0805	rcl
M0805	rcl
M0805	rcl
M0805	rcl
M0805	rcl
M0805	rcl
M0805	rcl
M0805	rcl
FE05W	con-lsta
1501_03	con-lumberg
REED	relay
DIL04	optocoupler