

## Stückliste

C1 = 1 $\mu$ F  
C2 = 22pF  
C3 = 22pF  
C4 = 100nF  
C5 = 100nF  
C6 = 33 $\mu$ F  
C7 = 100nF  
C8 = 22 $\mu$ F  
C9 = 100nF

D1 = 1N4001

IC1 = ATmega32u4  
IC2 = Spannungsregler 7805

LED2 = Farbe Grün; Zeit ist aktiviert  
LED3 = Farbe Rot; Zeit ist deaktiviert  
LED4 = Farbe: gelb; leuchtet wenn Zeit oder Datum eingestellt wird  
LED5 = LED Anzeige  
LED6 = LED Anzeige  
LED7 = LED Anzeige  
LED8 = LED Anzeige  
LED9 = LED Anzeige  
LED10 = LED Anzeige  
LED11 = LED Anzeige  
LED12 = LED Anzeige  
LED13 = LED Anzeige  
LED14 = LED Anzeige  
LED15 = LED Anzeige  
LED16 = LED Anzeige  
LED17 = LED Anzeige  
LED18 = LED Anzeige  
LED19 = LED Anzeige  
LED20 = LED Anzeige  
LED21 = LED Anzeige  
LED22 = LED Anzeige  
LED23 = LED Anzeige  
LED24 = LED Anzeige  
LED25 = LED Anzeige  
LED26 = LED Anzeige  
LED27 = LED Anzeige  
LED28 = LED Anzeige  
LED29 = LED Anzeige  
LED30 = LED Anzeige  
LED31 = LED Anzeige  
LED32 = LED Anzeige

LED33 = LED Anzeige  
LED34 = LED Anzeige  
LED35 = LED Anzeige  
LED36 = LED Anzeige  
LED37 = LED Anzeige  
LED38 = LED Anzeige  
LED39 = LED Anzeige  
LED40 = LED Anzeige  
LED41 = LED Anzeige  
LED42 = LED Anzeige  
LED43 = LED Anzeige  
LED44 = LED Anzeige  
LED45 = LED Anzeige  
LED46 = LED Anzeige

Q1 = 15MHz

R1 = 22  
R2 = 22  
R3 = 82  
R4 = 82  
R5 = 82  
R6 = 82  
R7 = 82  
R8 = 82  
R9 = 82  
R10 = 82  
R11 = 82

Rel1 = 1 x Ein schaltet den Verbraucher

S1 = RESET  
S2 = ON / OFF  
S3 = CLOCK  
S4 = DATE  
S5 = TIME INTERVALLE  
S6 = SET  
S7 = +  
S8 = -

T1 = C556B  
T2 = C556B  
T3 = C556B  
T4 = C556B  
T5 = C556B  
T6 = C556B  
T7 = C556B  
T8 = C547B