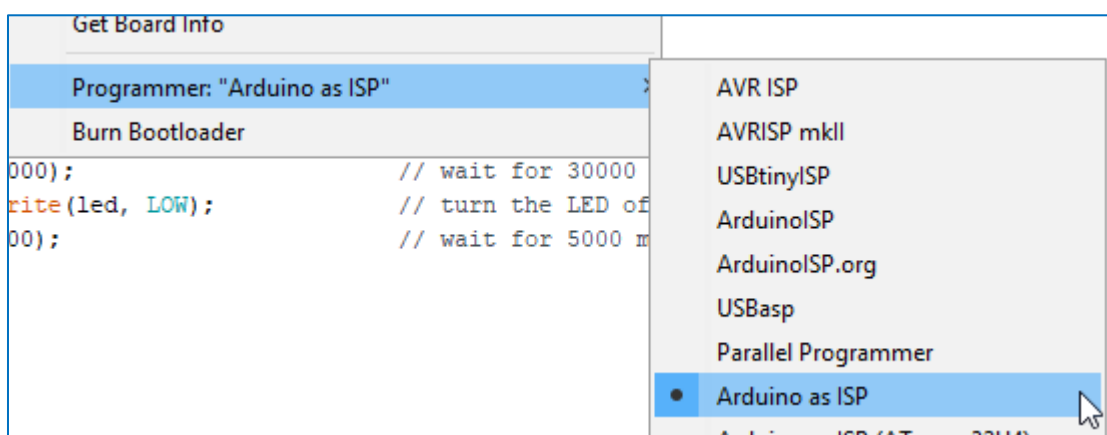
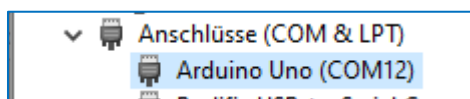
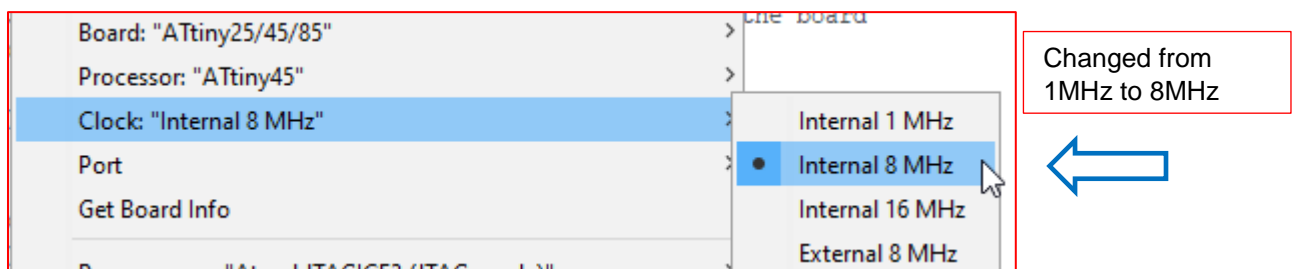
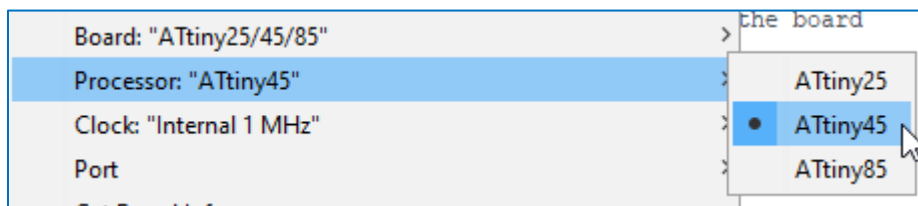
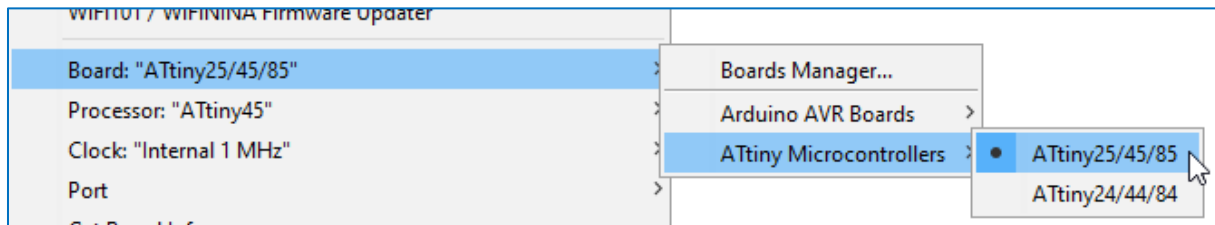
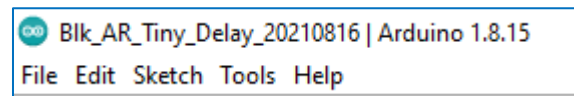
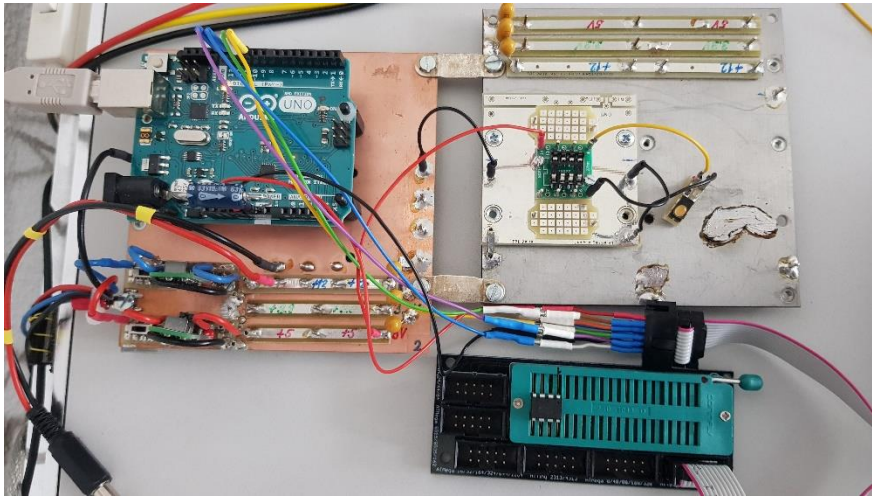


**Arduino uno SMD**

Preparing Tiny45 setting for Internal 8 MHz



Configuration:       Arduino uno + Tiny45  
(Same as for AR\_Tiny45\_DTest\_20210815)



Blk\_AR\_Tiny\_Delay\_20210816 | Arduino 1.8.15  
File Edit Sketch Tools Help

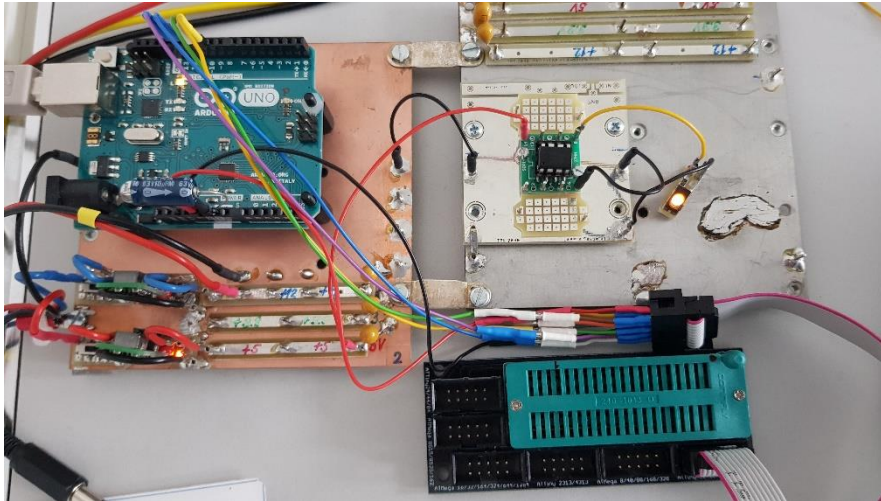
**Loading Arduino Code**       (with new values for HIGH / LOW)

Blk\_AR\_Tiny\_Delay\_20210816 - Editor  
Datei Bearbeiten Format Ansicht Hilfe

```
/*  
  https://www.arduino.cc/en/Tutorial/BuiltInExamples/Blink  
*/  
  
int led = PB0;  
  
// the setup function runs once when you press reset or power the board  
void setup()  
{  
  pinMode(led, OUTPUT);       //Setze den LED-Pin auf OUTPUT  
}  
  
// the loop function runs over and over again forever  
void loop()  
{  
  digitalWrite(led, HIGH);     // turn the LED on (HIGH is the voltage level)  
  delay(25000);                // wait for 25000 ms  
  digitalWrite(led, LOW);      // turn the LED off by making the voltage LOW  
  delay(7500);                 // wait for 7500 ms  
}
```

Sketch uses 698 bytes (17%) of program storage space. Maximum is 4096 bytes.  
Global variables use 9 bytes (3%) of dynamic memory, leaving 247 bytes for local variables.  
Maximum is 256 bytes.

ATTiny25/45/85, ATTiny45, Internal 8 MHz on COM12



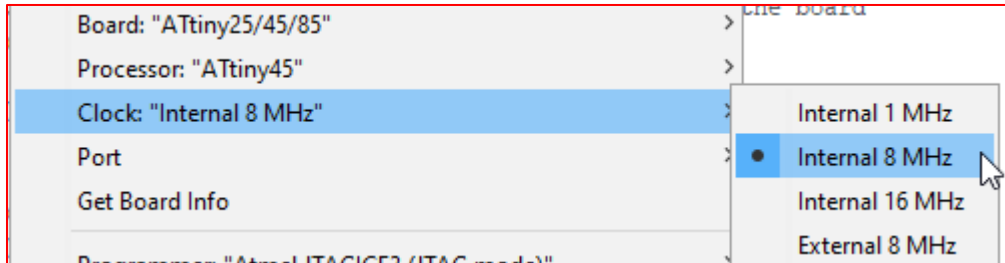
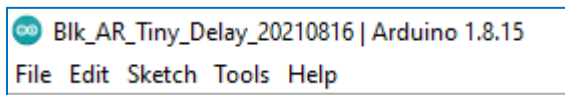
**Measured time:** with 25000ms / 7500ms

LED On = permanent  
LED Off = never

**result** -> **does not work**

**Change configuration**

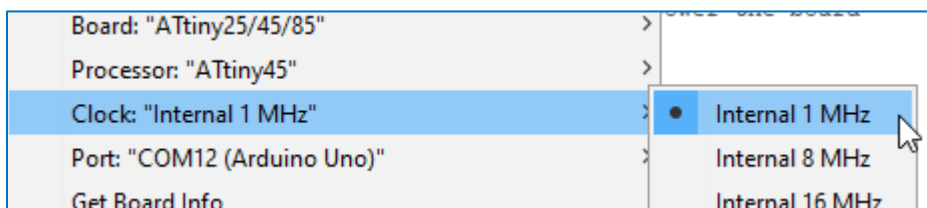
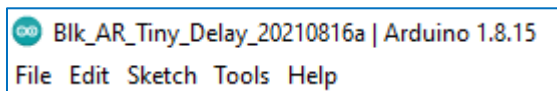
Internal Clock 8 MHz    back to    1 MHz



8 MHz



1 MHz



ATtiny25/45/85, ATtiny45, Internal 1 MHz on COM12

```
{
  digitalWrite(led, HIGH);      // turn the LED on (HIGH is the voltage level)
  delay(25000);                 // wait for 25000 ms
  digitalWrite(led, LOW);       // turn the LED off by making the voltage LOW
  delay(7500);                  // wait for 7500 ms
}
```

**Measured time:**

LED On        =        25 s        ok !  
LED Off       =        7.5 s       ok !

result        ->       works ok !