

Change Clock Speed

```
void setup() {
  // put your setup code here, to run once:

  CLKPR = 0X01;

  pinMode(13, OUTPUT);
}

void loop() {
  // put your main code here, to run repeatedly:
  digitalWrite(13, HIGH);
  delay(1000 / 2);
  digitalWrite(13, LOW);
  delay(1000 / 2);
}
```

Clock Speed Change Second Method

```
#include <avr/power.h>
void setup() {
  // put your setup code here, to run once:

  //CLKPR = 0X01;
  if(F_CPU == 8000000) clock_prescale_set(clock_div_2);
  if(F_CPU == 4000000) clock_prescale_set(clock_div_4);
  if(F_CPU == 2000000) clock_prescale_set(clock_div_8);
  if(F_CPU == 1000000) clock_prescale_set(clock_div_16);
  pinMode(13, OUTPUT);
}

void loop() {
  // put your main code here, to run repeatedly:
  digitalWrite(13, HIGH);
  delay(1000 / 2);
  digitalWrite(13, LOW);
  delay(1000 / 2);
}
```