

# KÓD PRO OVLÁDÁNÍ KROKOVÉHO MOTORU

```
#define directionPin 2
#define stepPin 3
#define signalPin 4

#define stepsPerRevolution 3200

void setup() {
  // put your setup code here, to run once:
  pinMode(directionPin, OUTPUT);
  pinMode(stepPin, OUTPUT);
}

void loop() {

  if (digitalRead(signalPin) == HIGH) {
    // put your main code here, to run repeatedly:
    for (int i = 0; i < 1 * stepsPerRevolution; i++) {

      digitalWrite(directionPin, HIGH);
      digitalWrite(stepPin, HIGH);
      delayMicroseconds(4000);
      digitalWrite(stepPin, LOW);
      delayMicroseconds(4000);
    }

    while (digitalRead(signalPin) == HIGH) {
      delay(50);
    }
  }
}
```