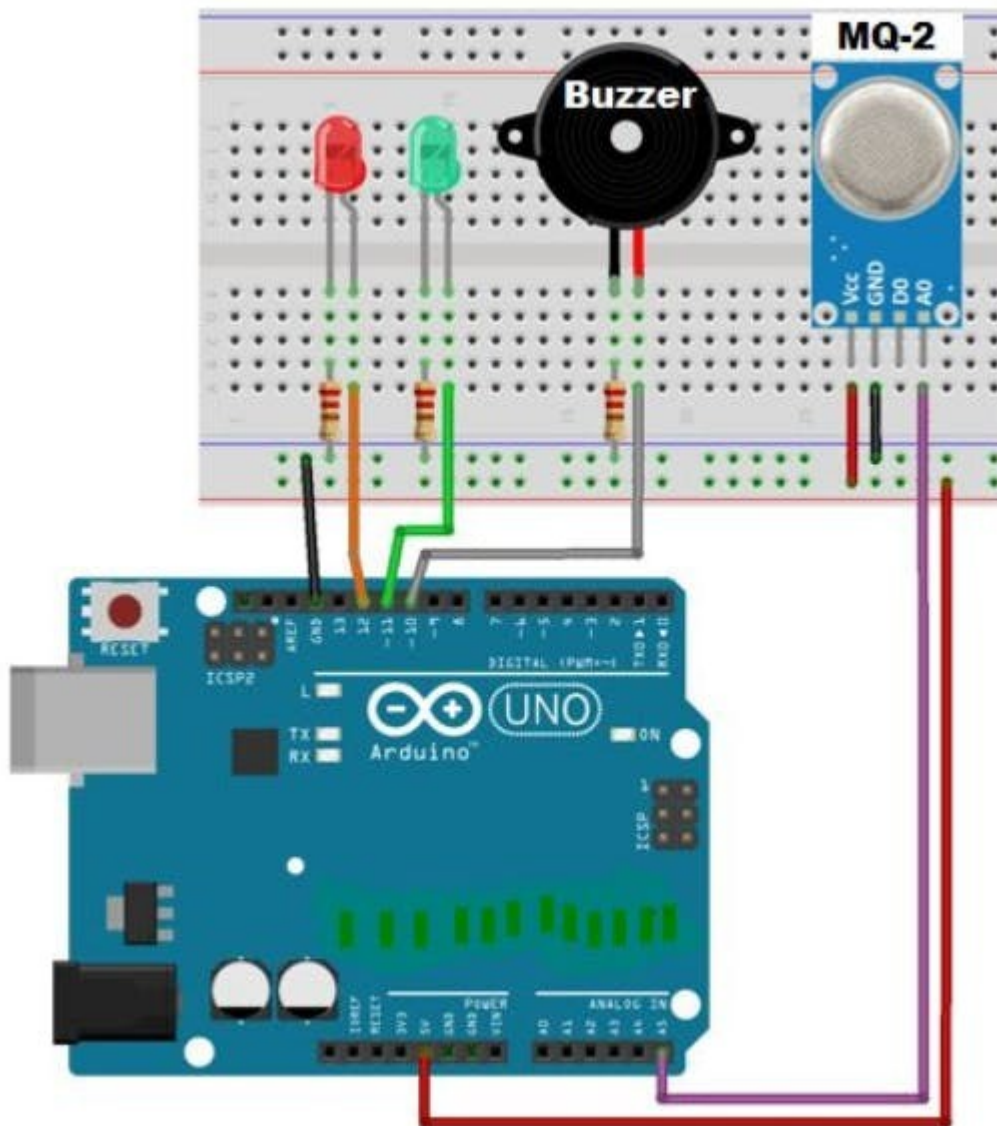


MQ-2 αισθητήρας αερίου



Το φύλλο δεδομένων το mq-2 είναι στην παρακάτω διεύθυνση

http://www.allegroelectronics.com/mas_assets/theme/allegroelectronics/spec/GS-29.pdf

Ο κώδικας

```
int LED1 = 12;
```

```
int LED2 = 11;
```

```
int buzzer = 10;
```

```
int smokeA0 = A5;
```

```
int sensorThreshold = 400;
```

```
void setup() {  
  pinMode(LED1, OUTPUT);  
  pinMode(LED2, OUTPUT);  
  pinMode(buzzer, OUTPUT);  
  pinMode(smokeA0, INPUT);  
  Serial.begin(9600);  
}
```

```
void loop() {  
  int analogSensor = analogRead(smokeA0);  
  
  Serial.print("Pin A0: ");  
  Serial.println(analogSensor);  
  // Checks if it has reached the threshold value  
  if (analogSensor > sensorThreshold)  
  {  
    digitalWrite(LED1, HIGH);  
    digitalWrite(LED2, LOW);  
    tone(buzzer, 1000, 200);  
  }  
  else  
  {  
    digitalWrite(LED1, LOW);  
    digitalWrite(LED2, HIGH);  
    noTone(buzzer);  
  }  
  delay(100);  
}
```

}