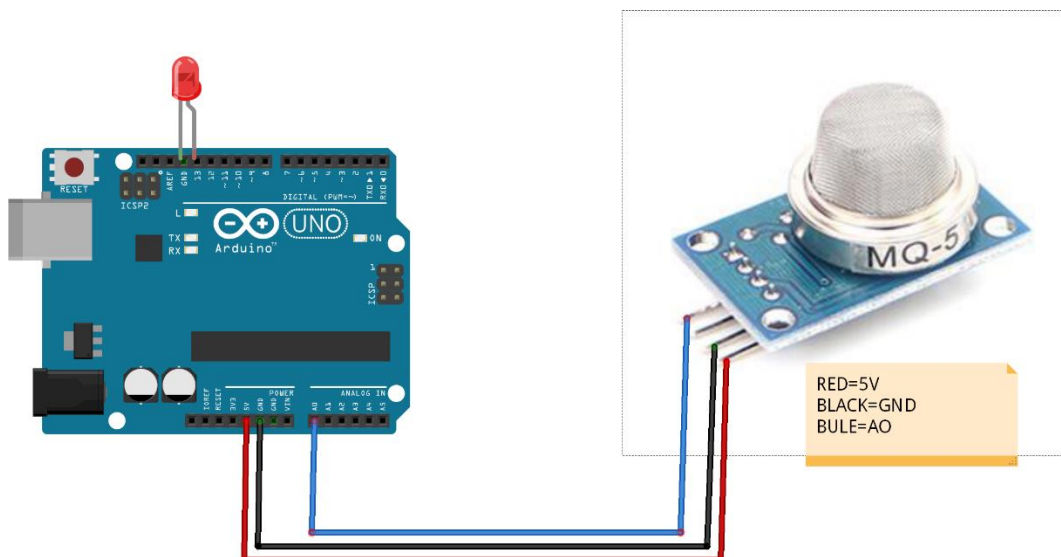


GAS SENSOR:

Gas sensor is used for detecting smoke and its various types it has 4 pins, as we see in the module here. As other components, it has pin for GND and pin for VCC, other two pins one if for Digital pin and one is Analog pin.



Schematic with arduino:



fritzing

Code:

```
sketch_apr20b $
```

```
int sensorPin = A0;
int ledPin = 13;
int sensorValue = 0;
void setup() {
    // declare the ledPin as an OUTPUT:
    pinMode(ledPin, OUTPUT);
}

void loop() {
    // read the value from the sensor:
    sensorValue = analogRead(sensorPin);
    // turn the ledPin on
    digitalWrite(ledPin, HIGH);
    delay(500);
    // turn the ledPin off:
    digitalWrite(ledPin, LOW);
    delay(500);
}
```
