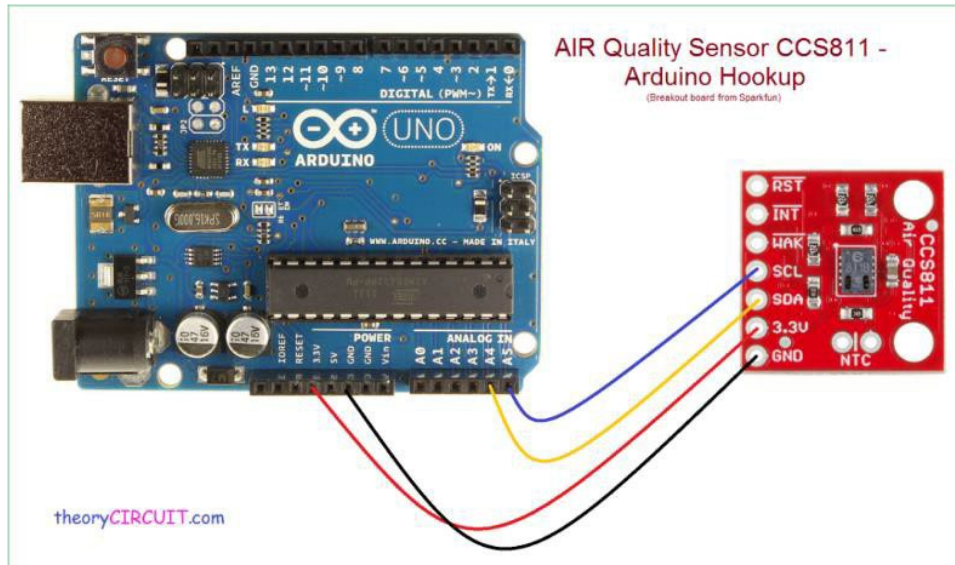


How to start with your sensor...



<https://theorycircuit.com/air-quality-sensor-ccs811-arduino-hookup/>



Productos Fabricantes Recursos Herramienta ENTRE

Índice de productos > Placas de desarrollo, kits, programadores > Placas de evaluación - sensores > SparkFun Electronics SEN-14193



SEN-14193

Hoja de datos [↗](#)

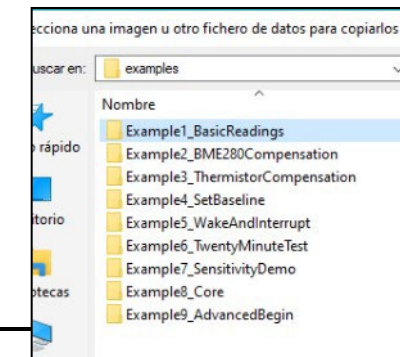
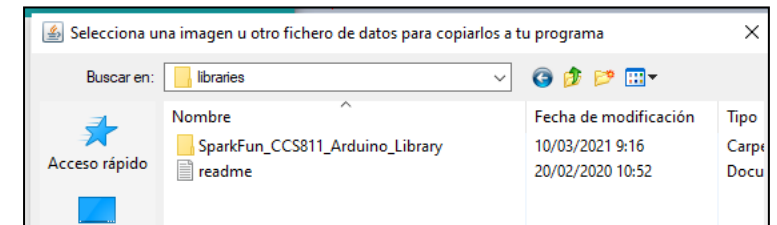
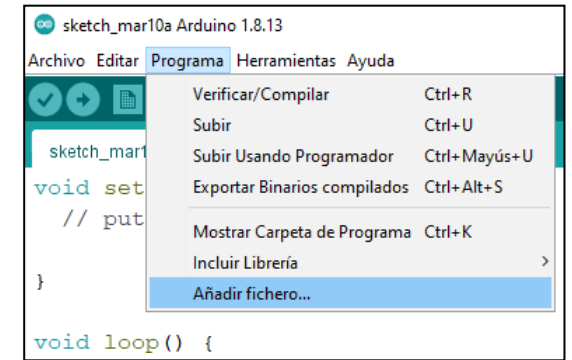
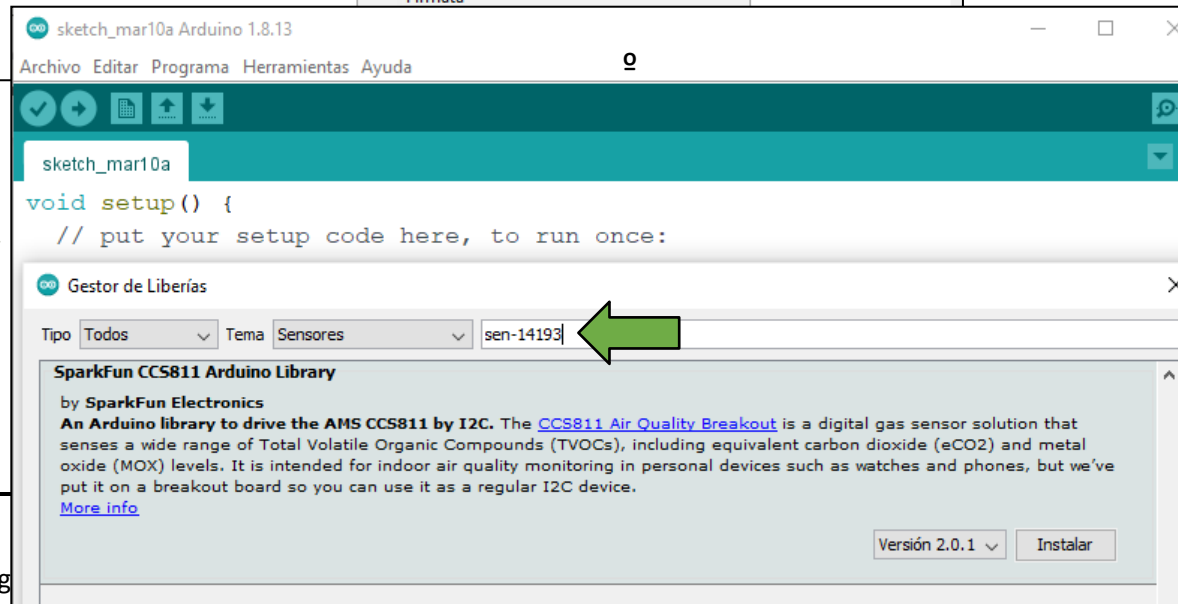
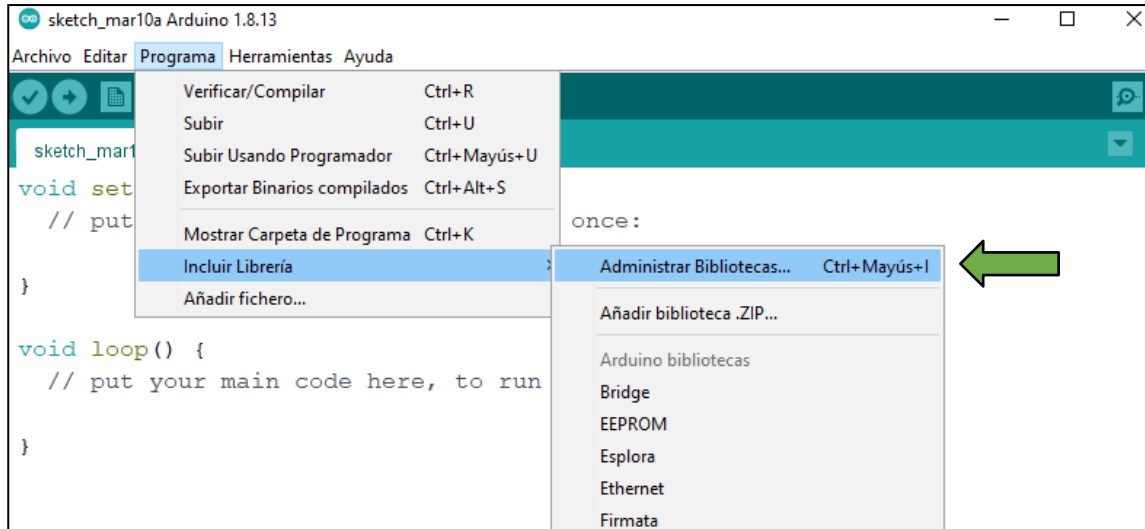
Número de pieza de Digi-Key	1568-1597-ND
Fabricante	SparkFun Electronics
Número de pieza del fabricante	SEN-14193
Descripción	AIR QUALITY SENSOR BOARD
Plazo estándar del fabricante	2 semanas
Descripción detallada	CCS811 - Calidad de aire en interiores (IAQ) Placas de evaluación - sensores

Documentos y medios

Hojas de datos	SEN-14193 CCS811 Air Quality Breakout Hookup Guide Air Quality Measurements with the CCS811
Descarga de software	CCS811 Arduino Library
Recursos de diseño	CCS811 Breakout Schematic CCS811 Breakout Eagle Files
Producto destacado	CCS811 Indoor Air Quality Sensor Breakout Board CCS811 Sensor and Ambient Environment Ecosystem
Hoja de datos de HTML	CCS811 Air Quality Breakout Hookup Guide SEN-14193 Air Quality Measurements with the CCS811

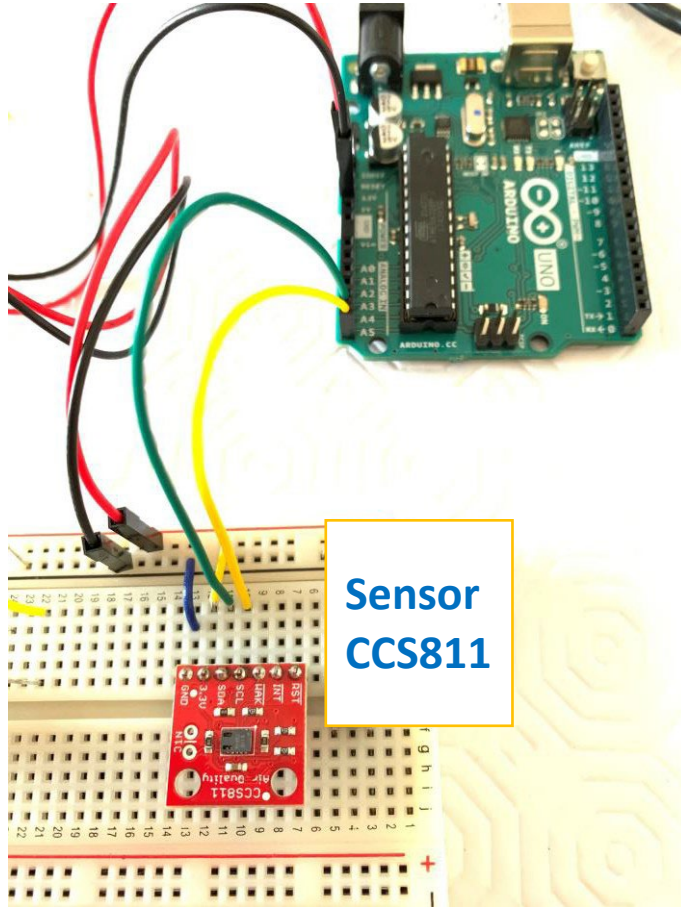
<https://www.digikey.es/product-detail/es/sparkfun-electronics/SEN-14193/1568-1597-ND/7066452>

Download the specific sensor **Library**



Once your sensor is connected to your Arduino Board

- Upload the Code to the board microcontroller
- Run the device to verify the data through the serial port. (Remember to verify the baud rate)



```
Archivo Editar Programa Herramientas Ayuda
Example1_BasicReadings
GND to GND pin
SDA to A4
SCL to A5

*****/
#include <Wire.h>

#include "SparkFunCCS811.h" //Click here to get the library: http://librarymanager/All#SparkFun_CCS811

#define CCS811_ADDR 0x5B //Default I2C Address
//#define CCS811_ADDR 0x5A //Alternate I2C Address

CCS811 mySensor(CCS811_ADDR);

void setup()
{
  Serial.begin(115200);
  Serial.println("CCS811 Basic Example");

  Wire.begin(); //Initialize I2C Hardware

  if (mySensor.begin() == false)
  {
    Serial.print("CCS811 error. Please check");
    while (1)
    {
      ;
    }
  }
}

void loop()
{
  //Check to see if data is ready with .dataAvailable()
  if (mySensor.dataAvailable())
  {
    //If so, have the sensor read and calculate the results.
    //Get them later
  }
}
```

