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GY-63 MS5611 Example Program/*
  MS5611 Test Program
  Based on library sample MS5611 by Rob Tillaart
  Uses MS5611 library by Rob Tillaart
*/

#include "MS5611.h"
#include <Wire.h>

MS5611 MS5611(0x77);
//=====
// Initialization
//=====
void setup()
{
  Serial.begin(9600);
  Serial.println("Begin Test");

  MS5611.init();
}
//=====
// Main
//=====
void loop()
{
  int result = MS5611.read();
  if (result != 0) // read routine returns 0 in result if it completes OK.
  {
    Serial.print("Error in read: ");
    Serial.println(result); // Otherwise result shows error
  }
  else
  {
    Serial.print("Temp: ");
    Serial.print(MS5611.getTemperature() * 0.01, 2); // print with 2 decimals
    Serial.print(" C\t Press: ");
    Serial.print(MS5611.getPressure() * 0.01, 2); // print with 2 decimals
    Serial.println(" mb");
  }
  delay(5000);
}

```