HARDWARE

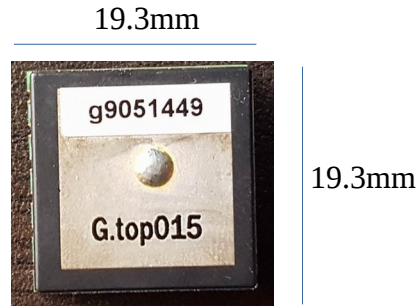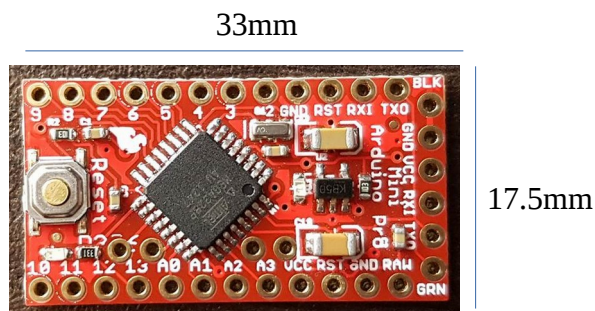1. gps gms-g9 (http://www.alphamicrowireless.com/media/513113/globaltop-gms-g9-datasheet-v0e.pdf)

19.3mm

19.3mm

2. arduino 5v16(https://github.com/sparkfun/Arduino_Pro_Mini_328/tree/master/Documentation)

33mm

17.5mm

3. simm800L (gprs)
-comandos AT
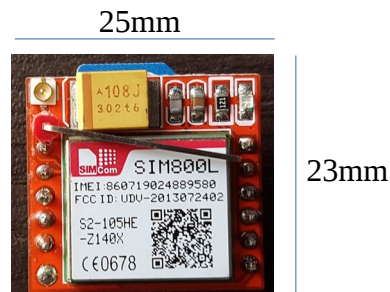   (https://cdn-shop.adafruit.com/datasheets/sim800_series_at_command_manual_v1.01.pdf)
-hardware design
    (http://datasheetcafe.databank.netdna-cdn.com/wp-content/uploads/2016/03/SIM800L.pdf)

-zise of module

25mm

23mm

SOFTWARE

-pruebas con el mini arduino … con este codigo solamente hacemos envios de comandos AT por serial

```
#include <SoftwareSerial.h>

SoftwareSerial mySerial(10, 11); // RX, TX

void setup()
{
  // Open serial communications and wait for port to open:
  Serial.begin(9600);
  mySerial.begin(9600);

}

void loop() // run over and over
{
  if (mySerial.available())
    Serial.write(mySerial.read());

  if (Serial.available())
  {
    while(Serial.available())
    {
      mySerial.write(Serial.read());
    }
    mySerial.println();
  }
}
```