

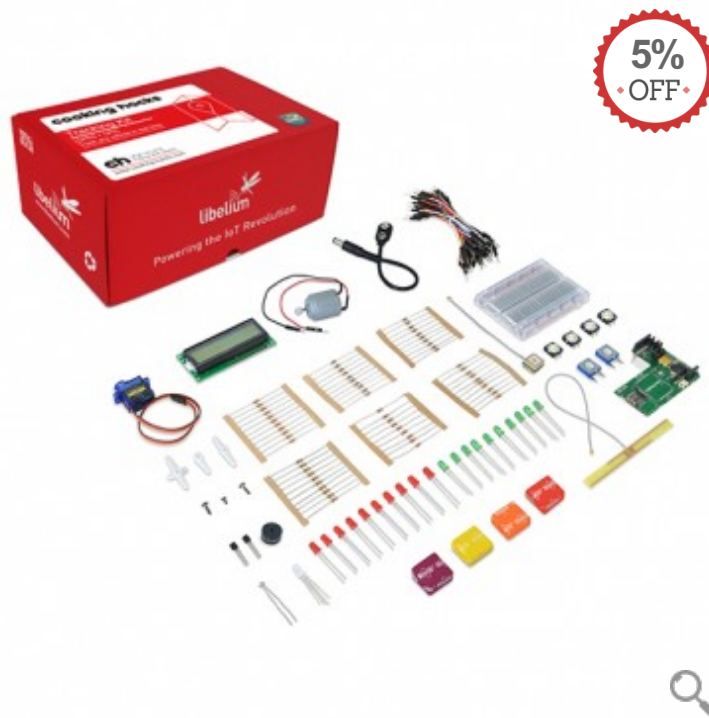
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# cooking hacks

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Home &gt; Shop &gt; Arduino &gt; Tracking Kit (GPRS+GPS)



## Tracking Kit (GPRS+GPS)

From:

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**Price as configured:** Price of the items separately: \_\_\_\_\_

Track any vehicle in real time.

The **Tracking Kit (GPRS + GPS)** for Arduino, RaspberryPi and Intel Galileo includes the products listed below.

### STARTER\*

1 x Starter Kit  
(core)

### KIT\*

1 x Tracking Kit (GPRS+GPS)  
(core) +

### Platform:

Choose a selection...

Qty: 0

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1

Buy Now! 

## Description

This kit includes the GPRS+GPS Quadband Module (SIM908) that will allow you to make real time tracking applications. With this module you can read GPS coordinates (longitude and latitude) and send them by using a HTTP request to a web server.

You can find all the extra components from the Starter Kit, and following our tutorials you will be able to make applications like sending a temperature sensor data through sms, controlling a servo with text messages, making a call or tracking a vehicle in real time or anything you can imagine making use of GPRS/GPS technologies.

The **Tracking Kit (GPRS + GPS)** includes

1x [GPRS+GPS Quadband Module for Arduino, RaspberryPi and Intel Galileo \(SIM908\)](#)

1x [Internal 4G-3G-GPRS-GSM Antenna](#)

1x [Internal GPS Antenna](#)

1x [Starter Kit](#)

1x Starter Kit Box

1x "Starter Kit" Sticker

1x [Arduino Jumper Cables](#)

1x [Breadboard clear](#)

20x Resistor 1/4W 5% 220 ohm

10x Resistor 1/4W 5% 100 ohm

10x Resistor 1/4W 5% 10 K

10x Resistor 1/4W 5% 4,7 K

10x Resistor 1/4W 5% 1 M

2x Potentiometer 10K

4x Push Button 12x12 B3F-4150

1x Temperature Sensor (MCP9700)

10x [5mm Red Led](#)

10x [5mm Green Led](#)

1x 9v To Barrel Jack Adapter

1x LDR Sensor

4x Sugus

1x Piezo Speaker (ref.10066)

1x 5mm Triple Output Led RGB (Common Anode)

1x 9G Micro Servo

1x Hobby Motor

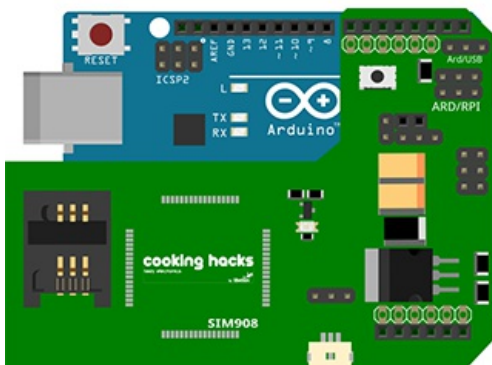
1x [LCD 16\\*2 Characters - Green Yellow back light](#)

1x Transistor BC547CG

## Related Tutorials

### Geolocation Tracker (GPRS + GPS) with SIM908 over Arduino and Raspberry Pi

Geolocation Tracking, Internet of Things, Long Range Network



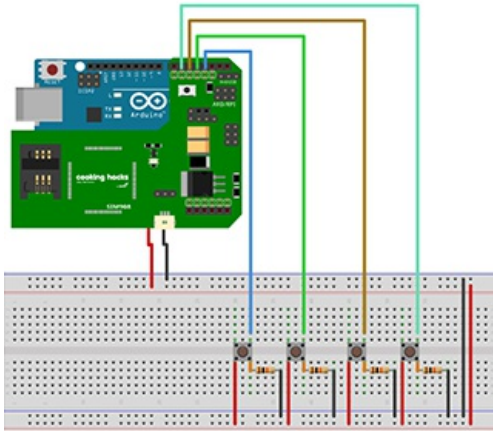
The new shield designed for Arduino and Raspberry Pi integrates the SIM908 module which counts with both GPRS and GPS technologies which allows to easily perform realtime tracking applications.

The idea is simple: read the GPS coordinates (longitude and latitude) and send them by using a HTTP request to a web server. Then use a browser to load the PHP webpage which uses Googlemaps to show the location in realtime.

[Read more](#)

## How to Make a Call with Push Buttons Using Tracking Kit (GPRS + GPS)

Internet of Thin



This tutorial allows the user to make a call to different numbers. Each button can be assigned to a number and originate a voice call. Pushing other button, you can end that voice call.

This project can be developed using the GPRS+GPS Quadband Module (SIM908) with Arduino or Intel Galileo. It is also compatible with Raspberry Pi using the Raspberry Pi to Arduino shields connection bridge.

[Read more](#)[Show More Tutorials](#) ▶

## Related Products



## Waspnote - The Open Source Sensor Platform

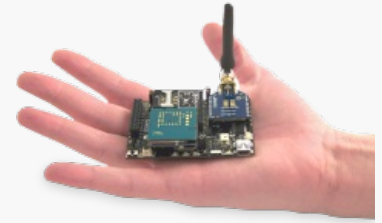
If you are interested in **Internet of Things (IoT)** or **M2M** projects check our open source sensor platform [Waspnote](#) which counts with more than **100 sensors** available to use 'off the shelf', a complete **API** with hundreds of ready to use codes and a low consumption mode of just **0.7μA** to ensure years of battery life.

Know more at:

- [Waspnote Product Page \(Libelium\)](#)
- [Waspnote Summary Page \(Cooking Hacks\)](#)

Get the Starter Kits at:

- [Waspnote Starter Kits](#)



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