

# SIM808 GSM GPRS GPS Module



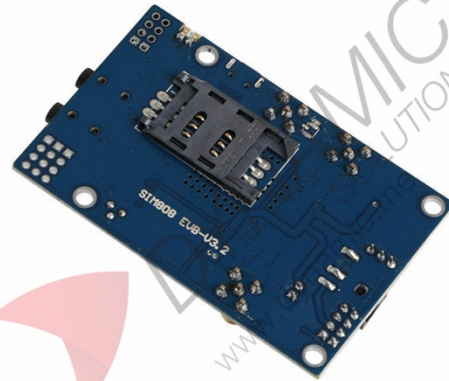
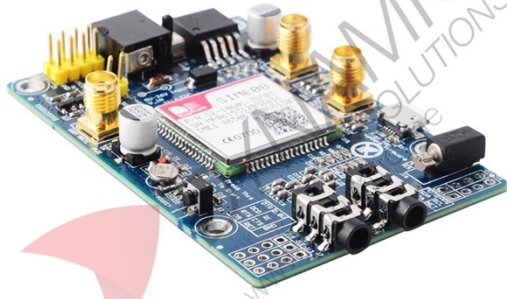
## **Features:**

The SIM808 is an advanced GSM, GPRS, and GPS module offering a complete quad-band communication and positioning solution. It integrates high-sensitivity GPS with 22 tracking and 66 acquisition channels, ensuring reliable performance even in weak signal environments. With support for A-GPS, ultra-low power consumption in sleep mode, and an onboard Li-Ion battery charging circuit, it is well-suited for IoT, tracking, and mobile communication systems. The module is controlled via AT commands over UART and is compatible with both 3.3V and 5V logic, making it versatile across a wide range of microcontrollers.

Specifications	
Module	SIM808
Network Support	Quad-band GSM/GPRS (850/900/1800/1900 MHz)
GPS Receiver	22 tracking, 66 acquisition channels
A-GPS	Supported
Power Input	5–26V (DC044/VIN), 3.5–4.2V (Li-Ion battery)
Current Requirement	2A at 5V recommended
Interfaces	UART (TTL), USB (firmware update)
Logic Level	3.3V / 5V compatible
Antenna Interfaces	GSM SMA, GPS SMA, BT SMA
Sleep Mode	Ultra-low power consumption
Onboard Features	Li-Ion charging circuit, Power switch, Start button
Package Includes	1x SIM808 Module, 1x GSM Antenna, 1x GPS Antenna
Usage	IoT devices, GPS tracking systems, wireless communication

## **Product Pictures:**





**Pinouts:**

