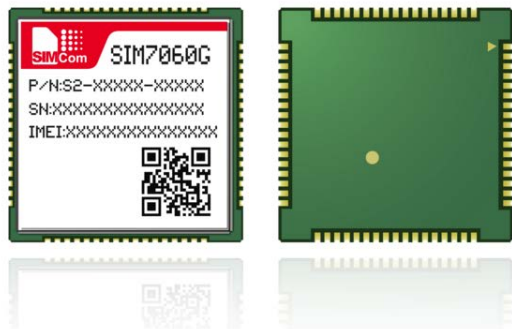


# SIM7060G

NB-IoT&GNSS Module



Global-Band

NB-IoT  
R14

LCC

LWM2M/CO  
AP

GNSS

FOTA

TCP/UDP

PSM/eDRX

HTTP/SSL

## Product Description

The SIM7060G is Multi-Band LTE-FDD NB-IoT and GNSS module solution in a SMT type .

It has strong extension capability with rich interfaces including UART, GPIO,SPI,I2C etc. The module provides much flexibility and ease of integration for customer's application.

It is designed for applications that need low latency, Low throughput data communication in a variety of radio propagation conditions. Due to the unique combination of performance, security and flexibility, this module is ideally suited for M2M applications, such as metering, asset tracking, remote monitoring , E-health etc..

## Key Benefits

- With Power Save Mode(PSM) and Extended Discontinuous Reception(eDRX), SIM7060G can extend battery life to 10 years.
- SIM7060G provides deeper coverage enhancement compared to GSM.
- GNSS support:GPS&Beidou&GLONASS
- The package of SIM7060G is compatible with SIM7000x.

Smart machine Smart decision

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## General Features

Support Bands:  
B1/B2/B3/B4/B5/B8/B12/B13/B17/B18/B19/B  
20/B25/B26/B28/B66/B70/B71/B85  
Control Via AT Commands  
Supply voltage range: NB-IoT 2.1V-3.6V  
GNSS 2.9V-4.3V  
Operation temperature: -40°C to +85°C  
Dimensions: 24 X 24X 2.6mm  
Weight: 3.2g

## GNSS

GPS&Beidou&GLONASS

## Data

Uplink: 150Kbps Downlink:126Kbps

## Consumption

PSM: 3.4 uA  
sleep: 0.4mA  
Idle: 5.6mA  
eDRX: 30uA (eDRX=655.36s)

## Other Features

TCP/UDP  
HTTP/HTTPS/TLS/DTLS/DNS/NTP/PING  
LWM2M/COAP/MQTT  
Ayla Cloud\*  
Firmware update via UART  
FOTA  
EAT\*

## Interfaces

UART  
SIM card  
SPI  
I2C  
GPIO  
ADC

## Certifications(plan)

CE / FCC  
RoHS / REACH

\* In development

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