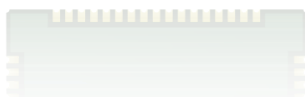
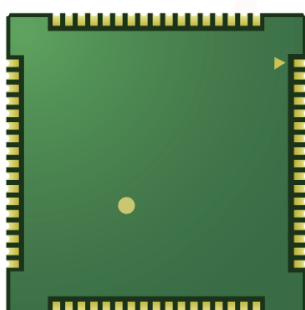


SIM7060R

NB-IoT Module



Multi-Band

NB-IoT

LCC

LWM2M/CO
AP

MQTT

FOTA

TCP/UDP

PSM/eDRX

HTTP/SSL

Product Description

The SIM7060R is Multi-Band LTE-FDD NB-IoT 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), SIM7060R can extend battery life to 10 years.
- SIM7060R provides deeper coverage enhancement compared to GSM.
- The package of SIM7060R is compatible with SIM7000&SIM7060G.

Smart machine Smart decision

Tel:86-21-31575100
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General Features

Support Bands:
B1/B2/B3/B4/B5/B8/B12/B13/B17/B18/B19/B
20/B25/B26/B28/B31/B66/B70/B71
Control Via AT Commands
Supply voltage range: 2.1V-3.6V
Operation temperature: -40°C to +85°C
Dimensions: 24 X 24X 2.6mm
Weight: TBD

Data

Uplink: 62.5Kbps Downlink: 26.15Kbps

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
RoHS / REACH

* In development

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