

# MeiG-SLM336Q

## LTE Cat 1 Module

## Support GNSS



SLM336Q is a new generation of LTE Cat1 wireless communication module that adopts Qualcomm QCX216 platform, which supports maximum downlink rate 10Mbps and maximum uplink rate 5Mbps. With a much smaller size of 19.9\*23.6\*2.4mm and rich pin definitions, it's convenient to satisfy different size requirements, multimedia demands and OPEN development.

SLM336Q series module support the following market: SLM336Q-E, SLM336Q-NA.

SLM336Q has rich network protocols(TCP, UDP, MQTT, FTP/FTPS, HTTP/HTTPS, LWM2M, COAP), and integrates multiple industrial standard interfaces, including rich peripheral expansion, greatly expand the application scope of M2M. Products can be widely used in industrial meter, shared equipment, security monitoring, financial POS, Tracker, public network POC and other products.

Access rates supported by SLM336Q:

FDD-LTE: 10Mbps/5Mbps

### Main Advantage:

- ✓ Support LTE Cat 1, and max DL rate up to 10Mbps
- ✓ Support FOTA remote upgrade
- ✓ Rich multimedia interface to meet the needs of intelligent scenes
- ✓ High cost performance



ARM Cortex-M3 204MHz



Cat 1  
Max: 10Mbps(DL)  
Max: 5Mbps(UL)



TCP/UDP

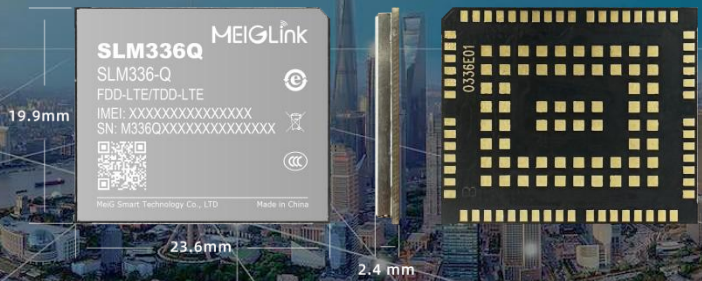


USB 2.0

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## General Feature

Package:

LGA 126pin

size:

19.9\*23.6\*2.4 mm

## Driver & Tool

- Driver:  
Windows, Linux 2.6, Android 4.0
- Tool: One-click upgrade tool
- FOTA upgrade

## Certification

CE\*/FCC\*

\* means in development

## Frequency Band

### SLM336Q-E

LTE FDD:

B1/B3/B5/B7/B8/B20/B28

### SLM336Q-NA

LTE FDD:

B2/B4/B5/B12/B13/B14/B66/B71\*

## Module Interface

- 1 x USB 2.0
- 3 x UART
- 1 x I2C
- 3 x SPI
- Power on/off, Reset
- Flight mode
- LED pilot
- SIM card interface (1.8/3.0V)
- Antenna interface: Main antenna, GPS antenna

## Module Rate

LTE FDD (Non-CA CAT 1): Max  
10Mbps(DL)/5Mbps(UL)

## Electrical Feature

- 1uA @power-off
- 6uA @dormancy
- 27mA @idle(USB connected)
- 3.5mA @idle(USB disconnected)
- Power supply voltage:  
3.5V~4.2V, typical value: 3.8V

## Transmission Power

Class 3 for LTE FDD:

23±2.7dBm

## Protocol

TCP/UDP/MQTT/FTP/FTPS/HTT  
P/HTTPS/LWM2M/COAP

## Temperature and Humidity

- Work temperature: -30°C ~ 75°C
- Storage temperature: -40°C ~ 90°C
- Humidity: 5% ~ 95%