



# MeiG Smart SLM323 Module

LTE Cat.1 Module  
Support GNSS & Wi-Fi Scan (optional)

SLM323 is a new generation LTE Cat.1 cellular module launched by MeiG Smart. It adopts domestic chipset solution. This module supports the maximum downlink rate of 10Mbps and the maximum uplink rate of 5 Mbps. The smaller package size of 22.9\*23.9\*2.4mm is convenient for customers' design requirements, and its rich pin definitions also satisfy customers' needs of multimedia and open development.

SLM323 series modules include: SLM323-C、SLM323-E\*.

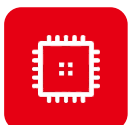
SLM323 has rich network protocols built-in (TCP, UDP, MQTT, FTP/FTPS, HTTP/HTTPS, LWM2M, Coap), integrates multiple industry standard interfaces, supports rich peripheral expansion, greatly expanding the application scope of M2M. It can be applied to industrial meters, sharing equipment, financial POS, Tracker, public network POC and other products.

## Main Advantages:

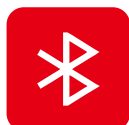
- Support LTE Cat.1, Max DL: 10Mbps
- Support TD-LTE & FDD-LTE Cat.1
- Support GNSS, Wi-Fi Scan
- Support FOTA remote upgrade (optional)
- Rich multimedia interface to meet the needs of intelligent scenes
- High cost-performance



Cat.1  
Maximum 10Mbps(DL)  
Maximum 5Mbps(UL)



ARM Cortex  
A5 500MHz



BT 4.2  
BR/EDR



LCC+LGA



Wi-Fi Scan



GPS+BeiDou  
GLONASS



TCP/UDP



USB2.0

# MeiG Smart SLM323 Module

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Support BT & Wi-Fi Scan (optional)

## General Features:

- Package: LGA 16Pin + LCC 76Pin
- Size: 22.9×23.9×2.4mm
- Weight: >5g

## Module Rate:

- LTE-FDD (Non-CA Cat.1):  
Max 10Mbps(DL)/5Mbps(UL)
- LTE-TDD (Non-CA Cat.1):  
Max 8Mbps(DL)/2Mbps(UL)

## Drivers & Tools:

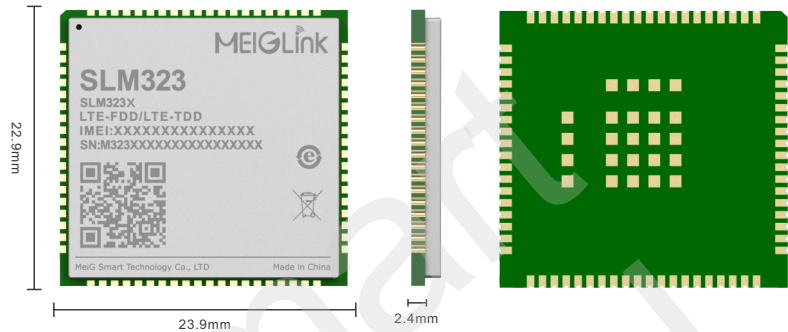
- Drivers: Windows, Linux 2.6+,  
Android 4.0+
- Tools : One-click upgrade tool
- FOTA upgrade

## Module Interfaces:

- 1xUSB 2.0
- 2xUART
- 2xI2C
- 1xI2S
- 3xSPI
- WAKEUP-IN
- Power On/Off, Reset
- Fly Mode
- 2xSIM card (1.8 / 3.0V)
- Antenna:Main antenna/Wi-Fi antenna

## Certifications:

- CCC/SRRC\*/CTA\*/CE\*



## Transmit power:

- Class 3 for LTE-FDD:23±2.7dBm
- Class 3 for LTE-TDD:23±2.7dBm

## Protocols:

- TCP/UDP/MQTT/FTP/FTPS/ HTTP/HTTPS/LWM2M/Coap

## Electricity Features :

- 3uA@PSM
- 20mA@idle
- 20uA@Poweroff
- Power supply voltage: 3.5V~4.35V, typical value 3.8V

## Environmental Features:

- Working Temperature: -30°C ~75°C
- Storage Temperature: --40°C~85°C
- Humidity: 5%~95%

## SLM323 Band Information:

**SLM323-C(China) :**  
 LTE-FDD:B1/B3/B5/B8  
 LTE-TDD:B34/38/B39/B40/B41

**SLM323-E(Europe & Asia)\*:**  
 LTE-FDD:B1/B3/B5/B7/B8/B20  
 LTE-TDD:B38/B40/B41

Remarks:\*means it is still in planning and design.

