



MeiG Smart SLM326 Module

LTE Cat.1 Module
Support BT & Wi-Fi Scan

SLM326 is a new generation LTE Cat.1 bis cellular module launched by MeiG Smart. This module supports the maximum DL rate of 10Mbps and the maximum UL rate of 5 Mbps. The small package size of 27.6x25.4x2.2mm makes it convenient for customers to design, and its rich pin definitions also satisfy customers' needs of multimedia and open development.

SLM326 series modules include : SLM326-C, SLM326-E, SLM326-L*

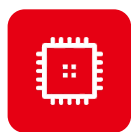
SLM326 has rich embedded network protocols (TCP, UDP, MQTT, FTP/FTPS, HTTP/HTTPS, LWM2M, Coap), it integrates multiple industry standard interfaces, greatly expanding the application scope of M2M. It can be applied to industrial meters, shared equipment, financial POS, Tracker, public network POC and other products.

Main Advantages:

- ✔ Support LTE Cat.1, Max DL 10Mbps
- ✔ Support GSM/GPRS/LTE Cat.1
- ✔ Support BT4.2/BLE4.2, Wi-Fi Scan
- ✔ Support FOTA remote upgrade
- ✔ Rich multimedia interface to meet the needs of intelligent scenes
- ✔ Abundant embedded SW protocols:TCP/UDP/MQTT/FTP(S)/HTTP(S)/LWM2M/COAP



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



ARM Cortex
A5 500MHz



BT 4.2
BR/EDR



LGA+LCC



Wi-Fi Scan



TCP/UDP



USB2.0

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General Features:

- Package: LGA 120pin
- Size: 27.6×25.4×2.3mm
- Weight: About 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)
- GPRS:Max 85.6kbps(DL)/
85.6kbps(UL)

Drives & Tools:

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

Temperature and Humidity:

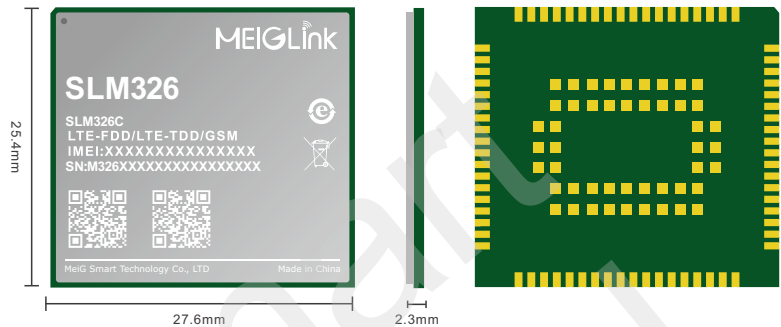
- Operation Temperature:-30°C to 75°C
- Storage Temperature:-40°C to 85°C
- Humidity:5%~95%

Module Interfaces:

- 1xUSB 2.0
- 3xUART
- 3xI2C
- 1xI2S
- 1xSDIO
- 3xSPI
- WAKEUP-IN & WAKEUP-OUT
- Power On/Off, Reset
- Fly Mode
- LED
- SIM card interface(1.8 / 3.0V)
- Antenna: Main antenna, BT/Wi-Fi antenna

Certifications:

- CCC/SRRC/CTA/CE



SLM326 Access Rates:

- LTE-TDD:8Mbps/2Mbps
- LTE-FDD:10Mbps/5Mbps
- GPRS:85.6kbps

Transmission Power:

- Class 4 for GSM850/900: 33±2dBm
- Class 1 for GSM1800/1900: 30±2dBm
- Class 3 for LTE-TDD: 23±2.7dBm
- Class 3 for LTE-FDD: 23±2.7dBm

Protocols:

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

Electrical Characteristics:

- 10uA@shutdown(TBD)
- 2mA@sleep(TBD)
- 20mA@idle(TBD)
- Power supply voltage 3.5V~4.2V, typical value 3.8V

SLM326 Band Information:

SLM326-C (China):
 LTE-FDD:B1/B3/B5/B8
 LTE-TDD:B34/B38/B39/B40/B41
 GSM:B3/B8

SLM326-E (Europe & Asia) :
 LTE-FDD:B1/B3/B5/B7/B8/B20
 LTE-TDD:B38/B40/B41
 GSM:B2/B3/B5/B8

SLM326-LA (Latin America) *:
 LTE-FDD:TBD
 LTE-TDD:TBD
 GSM:TBD

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



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