MeiG-SLM336

LTE Cat 1 Module

Support BT & WIFI Scan (optional)



SLM336 is a new generation of LTE Cat1 wireless communication module, which adopts a domestic chip scheme, supports maximum downlink rate 10Mbps and maximum uplink rate 5Mbps; package adopts 19.9*23.6*2.4mm smaller size, convenient customer design size requirements, rich pin definition, meet the needs of customer multimedia and OPEN development.

SLM336 series module support the following market: SLM336-E, SLM336L.

SLM336 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 SLM336:

FDD-LTE: 10Mbps/5Mbps

GSM: 85.6kbps/85.6kbps

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Main Advantage:

- ✓ Support LTE Cat 1, and max DL rate up to 10Mbps
- ✓ Support BT4.2, support WIFI Scan (optional)
- ✓ Support FOTA remote upgrade
- ✓ Rich multimedia interface to meet the needs of intelligent scenes
- ✓ High cost performance

ARM Cortex-A5 500MHz

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

BT 4.2
BR/EDR

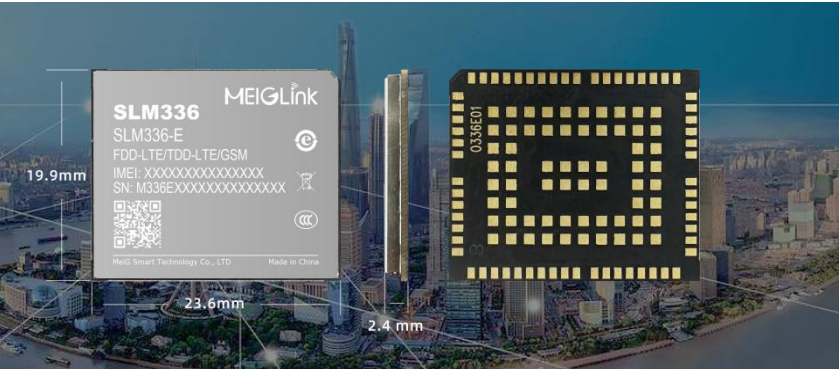
TCP/UDP

WiFi Scan

USB 2.0

MeiG-SLM336

LTE Cat 1 Module
Support BT & WiFi Scan



General Feature

Package:
LCC 62pin+LGA 64pin
size:
23.6*19.9*2.4 mm

Frequency Band

SLM336-E(Europe)

LTE FDD:
B1/B3/B5/B7/B8/B20/B28
GSM: B2/B3/B5/B8

SLM336L(Latin America)
LTE FDD:
B2/B3/B4/B5/B7/B8/B28/B66
GSM: B2/3/5/8

Module Rate

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

GPRS: Max
85.6kbps(DL)/85.6kbps(UL)

Transmission Power

Class 4 for GSM850/900:
33±2dBm

Class 1 for GSM1800/1900:
30±2dBm

Class 3 for LTE FDD:
23±2.7dBm

Protocol

TCP/UDP/MQTT/FTP/FTPS/HT
TP/HTTPS/LWM2M/COAP

Driver & Tool

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

Module Interface

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

Electrical Feature

10uA @ power-off(TBD)

2mA@ dormancy(TBD)

20mA @ idle(TBD)

Power supply voltage: 3.5V~4.2V,
typical value: 3.8V

Temperature and Humidity

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

Certification

CE, FCC*

* means in development

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