

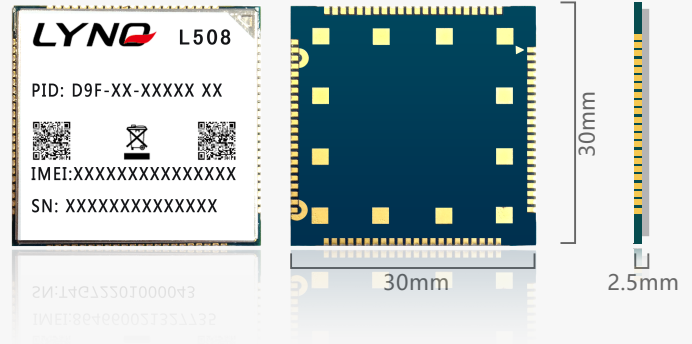
L508

LTE Industrial grade module

L508 is a LTE module with excellent reliability, occupied small area . It maximum support 150 Mbps downlink and 50Mbps uplink data rates. L508 is a multi-band TDD-LTE/ FDD - LTE/WCDMA type module and completely compatible with existing EDGE and GSM/GPRS network.

The area of L508 is extremely small, its only cover 30.0 x 30.0 x 2.5 mm with LCC+LGA package, cost optimized SMT form and high integrated density make it convenient for customer to design their own application products,which can make them feel the benefit of small size , low power and high mechanical density.

L508 has extensible interface (USB, UART, etc.) and function (Windows XP, Windows Vista, Windows 7, Windows 8, Linux, Android driver), It can be widely used for various products and equipment which have wireless network function.



LTE CAT4



Power save



Extended Temperature Range-40°C to +85°C



Analog Audio



LCC+LGA



AT



2G



3G



built-in multiple protocol

Main Features

L508-EUX

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

TDD LTE:B38/B40/B41

UMTS: B1/B5/B8

GSM: 900/1800 MHz

- LTE cat4
- AT command: 3 GPP TS27.007, 27.005 and enhanced the AT command
- Voltage range: 3.2 ~ 4.6V (3.8V is recommended)
- Operating temperature range: -40 ~ +85°C
- Storage temperature range: -45 ~ +90°C
- Size: 30.0mmX30.0mmX2.5mm
- Package: LCC+LGA

Specification for Data transfer

- LTE CAT4
Max. 50Mbps(UL)
Max. 150Mbps(DL)
- HSPA+
Max. 5.76Mbps(UL)
Max. 21Mbps(DL)
- WCDMA
Max. 384Kbps(UL/DL)
- EDGE
Class 12

Interfaces

- Analog audio
- USIM
- UART
- GPIO
- USB
- ADC*2
- SDIO*2
- PCM
- SPI
- I2C
- RESET
- PWRKEY
- Main antenna
- Diversity antenna

Other features

- TCP/POP3/SMTP/HTTP/MMS
- DTMP
- TTS
- FOTA

Certification

- CE/ROHS/REACH



LYNO