

NL668-EAU LTE Module

Perfect Wireless Experience

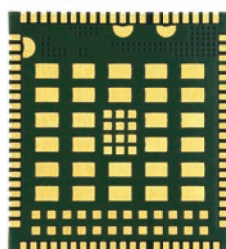
 4 Modes

 50Mbps LTE Uplink

 150Mbps LTE Downlink

 Temperature Range
-40°C~+85°C

The NL668-EAU module is an LCC-packaged LTE wireless communication module. It supports LTE-TDD/LTE-FDD/WCDMA/GSM modes in 15 frequency bands, as well as hybrid FDD/TDD LTE networks, with a downlink rate up to Cat4 150Mbps and an uplink rate 50Mbps. FIBOCOM NL668 can be used in industrial routing, security, Internet of Vehicles and other industries.



Design for

- Australia
- Europe



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NL668-EAU LTE Module Technical Specifications

Product Feature

- LTE FDD: Band 1/3/5/7/8/20/28
- LTE TDD: Band 38/40
- WCDMA: Band 1/5/8
- GSM/GPRS/EDGE: 850/900/1800MHz
- LCC 32x29x2.4mm
- Operating Temperature: -30°C~+75°C
- Optional Operating Temperature: -40°C~+85°C
- Storage Temperature: -40°C~+85°C
- Operating Voltage: 3.3V~4.3V typical 3.8V
- AT Command Set: 3GPP TS 27.007 and 27.005, and proprietary FIBOCOM AT commands
- TX Power
 - GSM850: 32.5 dBm±1dB
 - GSM900: 32.5 dBm±1dB
 - DCS1800: 29.5dBm±1dB
 - WCDMA: 23.5dBm±1dB
 - LTE FDD: 23.0dBm±1dB
 - LTE TDD: 23.0dBm±1dB

Data

- LTE FDD: 150Mbps DL/50Mbps UL
- LTE TDD: 130Mbps DL/35Mbps UL
- UMTS: 384 kbps DL/384 kbps UL
- HSPA/HSPA+: 42Mbps DL/5.76Mbps UL
- EDGE: 296Kbps DL/236.8Kbps UL
- GPRS: 107Kbps DL/85.6Kbps UL
- MUX: Basic Mode
- SMS: MO/MT Text and PDU modes
- HTTP(S)/PPP/FTP(S)/TCP/UDP/TTS/SMTP/IPV4/IPV6
- ECM/RNDIS/Gobinet/NDIS
- DFOTA/FOAT
- SRLTE/VoLTE
- GNSS/LBS
- OpenLinux*

Interface

- SIM Card: 1.8V/3.0Vx 1
- USB 2.0 x 1
- UART x 2
- I2C x 1
- PCM/I2S x 1
- ADC x 2
- SDIO x 2
- SPI x 1
- SGMII x 1
- GPIO
- Antenna:Main/Div/GNSS

Driver

- Linux/Android
- Win7/8/10

Certification

- CE-RED/GCF/RCM/NCC/Anatel

*Under Development

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