

NL668-CN-00 LTE Module

Perfect Wireless Experience

V1.0

NL668-CN-00 LTE Module Technical Specifications

Product Feature

- LTE FDD: Band 1/3/5/8
- LTE TDD: Band 38/39/40/41
- WCDMA: Band 1/8
- TD-SCDMA: Band 34/39
- EVDO/CDMA1X: BC0
- GSM/GPRS/EDGE: 900/1800MHz
- LCC 32x29x2.4mm
- 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**
 - GSM900: 32.5 dBm±1dB
 - DCS1800: 29.5dBm±1dB
 - WCDMA: 23.5dBm±1dB
 - TD-SCDMA: 23.0dBm±1dB
 - EVDO: 23.0dBm±1dB
 - CDMA1X: 24.0dBm±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
- TD-SCDMA: 4.2Mbps DL/2.2Mbps UL
- EVDO RevA: 3.1Mbps DL/1.8Mbps UL
- CDMA1X: 307.2kbps DL/307.2kbps UL
- EDGE: 296Kbps DL/236.8Kbps UL
- GPRS: 107Kbps DL/85.6Kbps UL

Function

- MUX: Basic Mode
- SMS: MO/MT Text and PDU modes
- HTTP(S)/FTP(S)/TCP(S)/UDP/IPV4/IPV6/NITZ/NTP/SSL
- ECM/RNDIS/PPP/Gobinet
- DFOTA/FOAT
- SRLTE/VoLTE/TTS/Recording/FFS/BIP
- GNSS/LBS/CellID
- OpenLinux*

Interface

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

Driver

- Linux/Android/Windows

* Under development

Approval

- CCC/SRRC/NAL
- CM/CT*/CU*
- RoHS

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