

NL668-AM-01 LTE Module

Perfect Wireless Experience

V1.0

NL668-AM-01 LTE Module Technical Specifications

Product Feature

- LTE FDD: Band 2/4/5/12/13/66
- WCDMA: Band 2/4/5
- 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**
 - WCDMA : 23.5dBm±1dB
 - LTE FDD: 23.0dBm±1dB

Data

- LTE FDD: 150Mbps DL/50Mbps UL
- UMTS: 384 kbps DL/384 kbps UL
- HSPA/HSPA+: 42Mbps DL/5.76Mbps 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
- 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

Approval

- FCC/GCF/IC
- VZW*/AT&T*/PTCRB/TMO*
- RoHS/HF*

* Under development

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