NL668-EU-01 LTE Module

Perfect Wireless Experience

V1.0

NL668-EU-01 LTE Module Technical Specifications

Product Feature

- LTE FDD: Band 1/3/5/7/8/20
- LTE TDD: Band 38/40/41
- WCDMA: Band 1/5/8
- GSM/GPRS/EDGE: 850/900/1800MHz
- LCC 32x29x2.4mm
- Operating Temperature: -40℃~+85℃
- Storage Temperature: -40℃~+85℃
- 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

Function

- MUX: Basic Mode
- SMS: MO/MT Text and PDU modes
- HTTP(S)/FTP(S)/TCP(S)/UDP/IPV4/IPV6/NITZ/NTP/SSL/CSD
- ECM/RNDIS/PPP/Gobinet
- DFOTA/FOAT
- E-Call/VoLTE/TTS/Recording/FFS/BIP
- Body_SAR/USB EP Customization
- 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

- CE/GCF
- RoHS/HF*

Under development