

## NL668-EU-01-MiniPCle LTE Module

Perfect Wireless Experience

V1.0

### NL668-EU-01-MiniPCle 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
- MiniPCle: 51x30x3.7mm
- 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

#### Funtion

- 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
- USB EP Customization
- GNSS/LBS/CellID

#### Interface

- SIM Card: 1.8V/3.0V
- USB 2.0
- UART
- PCM/I2S
- GPIO
- System Indicator
- Analog Audio
- Antenna: Main/Div/GNSS

#### Driver

- Linux/Android/Windows

#### Approval

- CE/GCF
- RoHS/HF\*

\* Under development

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