

NL668-EAU-00-MiniPCIe LTE Module

Perfect Wireless Experience

V1.0

NL668-EAU-00-MiniPCIe LTE Module Technical Specifications

Product Feature

- LTE FDD: Band 1/3/5/7/8/20/28
- LTE TDD: Band 38/40/41
- WCDMA: Band 1/5/8
- GSM/GPRS/EDGE: 850/900/1800MHz
- MiniPCIe: 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

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
- 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-RED/GCF/RCM/NCC
- Telstra*/Anatel*
- RoHS/HF*

** Under development*

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