

LTE Module FG621-EA



SL8563

300Mbps DL

50Mbps UL

EMEA/APAC/Australia

FIBOCOM FG621-EA is a LGA form factor LTE wireless communication module which supports LTE-FDD/ LTE-TDD/WCDMA.

The highest speed can reach Cat 6 300Mbps DL and 50Mbps UL. FG621-EA can cover EMEA/APAC/Australia mobile network. It can be widely used in CPE、STB and gateway industry.



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Product Features

- LTE Category: Cat6
- FDD: B1,B3,B5,B7,B8,B20,B28,B32 TDD: B38,B40,B41
- WCDMA: B1,B3,B5,B8
- LGA: 37.0*39.5*2.8 mm
- Operating Temperature: -30°C~+75°C
- Storage Temperature: -40°C~+85°C
- Operating Voltage: 3.3V~4.4V, Typical 3.8V
- AT Command Set: 3GPP TS 27.007 and 27.005, proprietary FIBOCOMAT commands
- TX Power: 23dBm

Data

- LTE FDD CA: 300Mbps DL/50Mbps UL
- LTE TDD CA: 226Mbps DL/30Mbps UL
- UMTS: 384 kbps DL/384 kbps UL
- HSPA/HSPA+: 42Mbps DL/11Mbps UL

Interface

- SIM Card: 1.8V/3.0V
- USB2.0
- I2C
- PCM/Digital Audio
- GPIO
- SPI
- Antenna : Main/Div

Function

- SMS : MO/MT Text and PDU modes
- DHCP/TCP*/UDP*/HTTP(S)*/FTP(S)*/SSL*
- PPP/ECM/RNDIS
- DFOTA
- VoLTE/PCM/Recording*/TTS*/BIP/FFS*/LBS*
- Cell ID
- Note: TTS has copyright fee

Driver

- Linux/ Android*/Windows*

Approval

- CE*/GCF*
- RoHS/HF*
- Carriers: TBD

Note: * = Planning/ In progress

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