

LTE Cat 1 Module

MC116-NA-00



Qualcomm Platform

Compatible with Cat 4 module
NL668

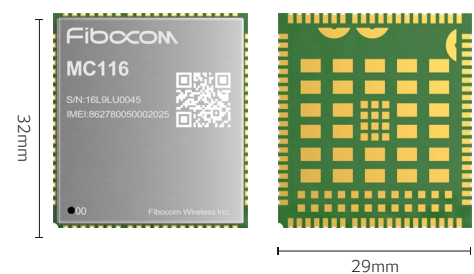
LCC+LGA: 29x32x2.4mm

3.3V-4.3V

Fibocom MC116-NA is a high-performance LTE Cat 1 module which supports LTE FDD frequency and the highest speed can reach to 10 Mbps DL/5 Mbps UL.

The product is developed based on Qualcomm platform and packaged in LCC+LGA which is compatible with Fibocom's Cat 4 module NL668.

MC116-NA is suitable for the IoT market in North America and has a rich application such as telematics, security, ATM/POS and Internet of Vehicles etc.



LTE Cat 1 Module MCT16-NA-00



Basic Features

- LTE FDD: B2/4/5/12/13/17/66
- GNSS: GPS/GLONASS/BeiDou/Galileo
- LCC+LGA: 32x29x2.4mm
- Operating temperature: -40 °C~+85 °C
- Storage temperature: -40 °C~+85 °C
- Operating Voltage: 3.3V~4.3V typical3.8V
- AT Command Set: 3GPP TS 27.007 and 27.005, proprietary FIBOCOM AT commands
- TX Power:
- LTE FDD: 23dBm±2dB

Data Transmission

- Cat 1: 10Mbps (DL)/ 5Mbps (UL)

Features

- MUX: Basic Mode
- SMS: MO/MT Text and PDU modes
- PPP/Gobinet
- DFOTA/LWM2M
- Body Sar*

Interfaces

- SIM1.8V/3.0V
- USB2.0
- UART
- I2C
- SPI
- PCM
- ADC
- SGMII
- GPIO
- Antenna: Main/Div/GNSS

OS Drivers

- Linux/Windows/Android

Certifications

- RoHS/FCC/IC/PTCRB*/GCF*
- AT&T*/Verizon*

Note: * = Planning /Developing

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