

M910-GL LPWA Module

Perfect Wireless Experience

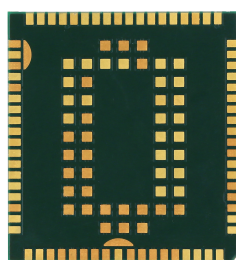
3 Modes

375kbps LTE Uplink

375kbps LTE Downlink

Temperature Range
-40°C~+85°C

FIBOCOM M910-GL面向全球IoT市场量身打造,基MDM9206芯片平台研发,采用LCC封装,同时支持GPRS/NB-IOT/eMTC,3模18频基本覆盖全球IOT频段,支持GNSS,支持VoLTE,支持TCP/UDP内置协议栈,支持eDRX和PSM低功耗模式,PSM(睡眠状态)耗流低至10uA,工作电压由3.3V至4.3V,特别适用以超低功耗、超小尺寸为核心需求的智能表计,智能停车,智能家居,市政路灯等IoT行业。



适用于

- 全球

M910-GL LPWA Module

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M910-GL LPWA Module Technical Specifications

Product Feature

- LTE FDD: Band 1/2/3/4/5/8/12/13/18/19/20/26/28
- LTE TDD: Band 39(Cat.M1 Only)
- GPRS/EDGE: 850/900/1800/1900MHz
- LGA 27.6x25.4x2.3mm
- Operating Temperature: -30°C~+75°C
- Optional 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
 - PCS1900: 29.5dBm±1dB
 - LTE FDD: 23.0dBm±1dB
 - LTE TDD: 23.0dBm±1dB

Data

- Cat.M1: 375kbps DL/375kbps UL
- Cat.NB1: 32kbps DL/70kbps UL
- EDGE: 296Kbps DL/236.8Kbps UL
- GPRS: 107Kbps DL/85.6Kbps UL
- MUX: Basic Mode
- SMS: MO/MT Text and PDU modes
- HTTP(S*)/PPP/FTP/TCP/UDP/IPV4/IPV6
- Gobinet/NDIS
- DFOTA
- eCall*/VoLTE
- GNSS/LBS*
- eSIM
- OpenLinux*

Interface

- SIM Card: 1.8V/3.0V x 1
- USB 2.0 x 1
- UART x 2
- I2C x 1
- PCM/I2S x 1
- ADC x 2
- SDIO x 2
- SPI x 1
- SGMII x 1
- GPIO
- Antenna: Main/Div/GNSS

Driver

- Linux/Android
- Win7/8/10

Approval

- CE-RED/GCF/FCC/PTCRB
- SRRC/NAL/CCC/RCM/Telstra/Verizon/AT&T

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