

G510 GSM/GPRS Module

Perfect Wireless Experience

 Quad-band

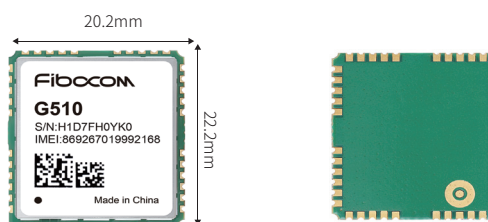
 GPRS Class 10

 Internal TCP/IP

 Extended Temperature Range

G510模块支持全球通用的850/900/1800/1900MHz频段, 内置TCP/IP协议栈, 支持双串口, 小体积, 低功耗, 出色的EMC和ESD性能, 为用户提供完美的语音通话功能和高速的GPRS数据传输。

G510广泛适用于移动支付、车载、手持终端等物联网领域。



适用于

- 全球市场

FIBOCOM

G510 GSM/GPRS Module

Perfect Wireless Experience

G510 GSM/GPRS Module Technical Specifications

产品特性

- Quad Band: 850/900/1800/1900MHz
- Dimensions: 20.2 x 22.2 x 2.5mm
- LCC 42pin
- Weight: 2.5 gram
- Operating Temperature: -40 ~ +85°C
- Operating Voltage: 3.3 ~ 4.5V
- Current Consumption:
1.0mA@sleep mode (DRX9)
- TX Power:
850/900MHz class 4 (2W)
1800/1900MHz class 1 (1W)
- RX Sensitivity:
-109dBm (850/900MHz)
-108dBm (1800/1900MHz)
- AT Command Set: FIBOCOM proprietary AT commands/
GSM 07.05/GSM 07.07/GSM 07.10

数据特性

- Embedded TCP/UDP
- GPRS: Multi-slot class 10 (4 Down; 2 Up; 5 Total)
Max Downlink 85.6 Kbps
Coding Scheme CS1-CS4SMS
- MUX: Basic Mode
MO/MT Text and PDU modes
Cell broadcast
- SMS: MO/MT Text and PDU modes
Cell broadcast

接口

- SIM Card: 1.8V/2.8V
- UART: BR from 2400 to 460800
- Power on/off
- UART X 2
- Analog Audio X 2

优势

- OpenCPU
- TTS (Text to Speech)
- Watchdog inside
- Jamming Detection
- LBS



认证

- SRRC/CCC/NAL/CE/GCF/ROHS/ANATEL

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完美无线体验

PERFECT WIRELESS EXPERIENCE