



G510-Q50-50 GSM/GPRS Module

Perfect Wireless Experience

V1.0

G510-Q50-50 GSM/GPRS Module Technical Specifications

Basic Features

- GSM: 850/900/1800/1900MHz
- LCC: 22.2x20.2x2.4mm
- Operating temperature:-40 °C~+85 °C
- Storage temperature:-40 °C~+90 °C
- Operating Voltage:3.3V~4.5V ,Typical 3.8V
- **AT Command Set:** 3GPP TS 27.007 and 27.005, proprietary FIBOCOM AT commands
- **TX Power:**
850/900 MHz: 33dBm±2dB
1800/1900 MHz: 30dBm±2dB
- **RX Sensitivity:**
850/900MHz: -108 dBm
1800/1900MHz: -107.5 dBm

Data Transmission

- GPRS Multi-slot Class: Class 12
- GPRS: Max 85.6Kbps (DL)/ 85.6Kbps (UL)
- Coding Scheme: CS1-CS4

Features

- TCP/UDP/NTP/SSL/PPP/MQTT/FTP/HTTP/OneNET/Alibaba Cloud/LBS
- DFOTA

Interfaces

- SIM 1.8V/3.0V
- UART
- GPIO
- Antenna: GSM

Certifications

- CE-RED/GCF/RoHS/HF
- SRRG/NAL/CCC