G610 GSM/GPRS Module

Perfect Wireless Experience

- Quad-band
- GPRS Class 10
- Internal TCP/IP
- Extended Temperature Range

G610 module supports GSM/GPRS 850/ 900/1800/1900 MHz. It has a built-in TCP/IP protocol stack and a reliable GPRS data connection. Numerous extended interfaces such as I2C and definable GPIO can be easily integrated with peripheral equipment and the design of products is simple and flexible.

The combination of extremely compact design and broad temperature range has made G610 an ideal choice for portable products in M2M technology applications, such as personal location and tracking, vehicle team management, hand held devices, environment monitoring, and remote medical services.

31.3mm
20.2mm

G610
S/N:F1A2DW6XF5
IMEI:865101015006844
Made in China
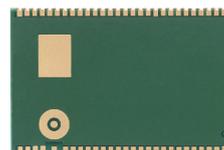
Available For

- Global Market

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G610 GSM/GPRS Module Technical Specifications

Product Features

- Quad Band: 850/900/1800/1900MHz
- Dimensions: 31.3 x 20.2 x 3.0mm
- LCC 55pin
- Weight: 3.5 gram
- Operating Temperature: -40 ~ +85℃
- Operating Voltage: 3.3 ~ 4.5V
- Current Consumption:
  1.4mA@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

Data

- 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

Interfaces

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

Highlights

- OpenCPU
- Watchdog inside
- Jamming Detection
- LBS

Approvals

- CCC/SRRC/NAL/RoHS/CE/FCC/ANATEL/ICASA