










GSM Module Product

MG2608-G

 LCC Form Factor	 GSM/GPRS	 HTTP/FTP
 Enhanced AT Commands	 UART	 GPRS: DL 85.6 Kbps / UL 85.6Kbps
 -40 °C ~ 85 °C	 Audio	 Embedded TCP/UDP

M2M Application

MG2608-G is a GSM/GPRS module with LCC interface, and support GSM850/900/1800/1900MHz. It delivers 85.6 Kbps upload and 85.6 Kbps download data rates on GPRS networks. The module is very small, the dimension is 16*18mm.

A rich set of internet protocols (HTTP, PPP, FTP, TCP/IP), low power consumption characters, super performance and compact design extend the applicability of the module to a wide range of M2M applications, such as POS machine, asset tracking, remote monitoring and control, industrial wireless control, wearable devices and other mobile platforms.



* Note: The product picture is for reference only, please prevail in kind



General Features

- ❑ LCC Form Factor 40 pin
- ❑ Dimensions: 16mm × 18mm × 2.3mm
- ❑ Band support: GSM850/900/1800/1900

Electrical characteristics and sensitivity

- ❑ Transmit Power:
 - GSM850/900: 33dBm (Power Class 4)
 - GSM1800/1900: 33dBm (Power Class 1)
- ❑ Power Supply :
 - 3.4V ~ 4.2V (3.8V is recommended)

Environment

- ❑ Operation temperature: -40° C to +80° C
- ❑ Storage temperature: -45° C to +90° C
- ❑ Humidity: 5%~95%

Data rate

- ❑ GPRS
 - Max Uplink 85.6Kbps / Downlink 85.6 Kbps

Interfaces

- ❑ 2 x UARTs
- ❑ SIM interface(1.8/3V)
- ❑ Audio(O x 2, I x 2)
- ❑ I2C
- ❑ GPIO
- ❑ SPI
- ❑ RF PAD for Primary Antenna
- ❑ Power-on
- ❑ Net LED Status Indicator
- ❑ ADC

Application

- ❑ Embedded TCP/IP
- ❑ HTTP connection
- ❑ Transparent
- ❑ CoAP(In planning)
- ❑ TTS/Record(In planning)
- ❑ FTP
- ❑ CALL
- ❑ SMTP(In planning)
- ❑ AT Commands according to 3GPP GSM07.05, GSM07.07 and GOSUNCN extended AT commands

SMS

- ❑ MO and MT
- ❑ Text & PDU

Gosuncn Data Protection Notification

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