GSM2M-1A
Embedded Data/Fax GSM/GPRS Module

Applications

Remote Data Collection
Vending Machines
Security Systems
Remote Diagnostics
Industrial remote monitoring
Automated Signs
Devices requiring telemetry control

The GSM2-1A is a complete GSM/GPRS, which is ready to integrate into your application, it offers full standards multi-band GSM/GPRS Class 8.

The GSM2-1A will reduce development time of your telemetry application, as the module is ready to integrate straight into the application via the serial interface.

Data Features

- GPRS Class 8 (4+1),up to 85.6 kbps
  - P Channel Support
  - Coding schemes CS1-CS4
- HSCSD (2+1), up to 19.2 kbps, CSD at 9600kbps
- Dual band GSM 900/1800Mhz, 850/1900 USA option.
- SMS , features Text and PDU modes
- Fax Group 3, Class 1 & 2

Product Features

- Dual band GSM 900/1800Mhz, 850/1900 USA option.
- Compliant with 3GPP GSM Phase 2+ standards (Small MS)
- Class 5 (0.8W @ 850MHz)
- Class 4 (2W @ 900MHz)
- Class 1 (1W @ 1800/1900 MHz)
- 5V DC Supply
  - 350mA average current in Data communication (GPRS 4+1)
  - <6mA average current in idle mode
- Small size 50mm × 35mm
- Integrated SIM Interface
- Extended AT command set

Interface

- 2 × 20 way 2.54mm pitch connector
- RS232 Serial Link 3-5V level supporting
  - Remote control by AT commands (GSM 07.07 and 07.05)
  - Serial baud rate from 1200 to 460,800 bits/s
- 1 × buzzer output
- 1 × Status output
- 1 × Transmit status output
- MMCX antenna connector

Ordering: GSM2M-1A   (EGSM 900/1800 MHz version)
**   GSM2M-1A-S   (GSM 850/1900 MHz version)**

Contact Information

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