

SIM700D

GSM/GPRS/EDGE Module



The new EDGE Module is a complete Quad-Band GSM/GPRS/EDGE solution in a compact plug-in module. Featuring an industry-standard interface, it delivers GSM/GPRS/EDGE 850/900/1800/1900MHz performance for Data, voice, SMS, and Fax in a small form factor and with low power Consumption.

The leading features of the Module make it ideal for virtually unlimited application, such as wireless network PC card, USB modem, handheld devices and much more.

- Mobile station class B
- Multi-slot class 12
- Uplink or downlink max throughput: 236.8kbps
- Low power consumption
- Embedded Multiplexer protocol stack
- PACKAGE: 43.5 x 26 x 2.9 mm

We make future wireless

General feature

- Quad-Band
GSM850/EGSM900/DCD1800/PCS
S 1900
- Output power:
GMSK:
Class 4 (2W)@GSM850/EGSM900
Class 1 (1W)@DCS1800/PCS1900
8PSK:
Class E2 (0.5W)@GSM850/GSM900
Class E2 (0.4W)@DCS1800/PCS1900
- GPRS /EDGE multi-slot class 12
- Coding scheme:CS1~4, MS1~9
- mobile station class B
- Control via AT commands (GSM
07.07 ,07.05 and SIMCOM
enhanced AT Commands)
- SIM application toolkit
- Supply voltage range 3.4 ... 4.5 V
- low power consumption
- Normal operation temperature:
-20 °C to +60 °C

Specifications for fax

- Group 3, class 1

Specifications for data

- CSD: up to 14.4kbps,
non-transparent
- GPRS: max: 85.6kbps;
- EDGE: DL&UL max: 236.8kbps;
- Coding scheme: CS1~4, MCS1~9
- Support PBCCH
- Support USSD

About more information, please contact:

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Specifications for voice

- Half Rate (ETS 06.20)
- Full Rate (ETS 06.10)
- Enhanced Full Rate (ETS 06.50
/06.60/ 06.80)
- Echo Suppression
- Noise reduction

Compatibility

AT cellular command interface

Drivers

Multiplexer driver for Microsoft
windows

Interfaces:

- Power supply
- Two analog audio channel
- RTC backup
- Modem interface
- USB slave
- Bluetooth port
- Antenna pad
- Charge interface
- LCD
- SIM Card
- GPIO

Approvals

- GCF
- CE