

SIM700

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 M2M applications like AMR, POS, Security, AVL etc.

- Mobile station class B
- Multi-slot class 12
- Uplink or downlink max throughput: 236.8kbps
- Low power consumption
- Embedded Multiplexer protocol stack
- PACKAGE: 45 x 34 x 3 mm
- Weight: approx 12.5g

We make future wireless

General feature

- Quad-Band
GSM850/EGSM900/DCD1800/PCS
S1900
- 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:
-30 °C to +80 °C

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:

Funrock Electronics(H.K.)LTD

Address:Flat B-8, 12/F.,Merit Industrial Centre,94 Tokwawan Road ,Kowloon ,Hong Kong

Tel:(852) 23973183 Fax:(852) 23972560

E-mail:info@funrock.com.hk

Specifications for voice

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

Compatibility

AT cellular command interface

Drivers

Multiplexer driver for Microsoft
windows

Interfaces

- Power supply
- Two analog audio channel
- RTC backup
- Serial interface and debug
interface
- USB slave
- Antenna pad
- Charge interface
- SIM Card
- I²C BUS

Approvals

- Local Type Approval
- CE

Specifications for fax

- Group 3, class 1