



WCDMA/HSDPA Module



SIM5310

The SIM5310 is a WCDMA/GSM/GPRS/EDGE module solution in a SMT type.

It has strong extension capability with rich interfaces including UART, USB2.0, SPI, I2C, Keypad, PCM, etc. With abundant application capability like embedded LUA script, TCP/UDP/FTP/FTPS/HTTP/HTTPS/SMTP/POP3 and MMS, the module provides much flexibility and ease of integration for customer's application. It is ideal for a wide range of products like PDA, MID, PND, POS, Tracker, AMI, Health Care etc.

Smart Machine Smart Decision

General features

- Single-Band UMTS 2100MHz
Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
- GPRS multi-slot class 12
- EDGE multi-slot class 12
- Output power
 - UMTS 2100: 0.25W
 - GSM850/GSM900: 2W
 - DCS1800/PCS1900: 1W
- Control Via AT Commands
- Supply voltage range: 3.4V~ 4.2V
- Operation temperature: -30°C to +80°C
- Extended operation temperature: -40°C to +85°C
- Dimension: 30 X 30X 2.9 mm
- Weight: 5.0

Support embedded Script Language

- LUA Script Language
- Embedded AT *

Specifications for Data transfer

- WCDMA
 - Max.384Kbps(DL), Max.384Kbps(UL)
- EDGE Class:
 - Max. 236.8Kbps(DL),Max.118Kbps(UL)
- GPRS
 - Max. 85.6Kbps(DL), Max.42.8Kbps(UL)
- CSD
 - GSM data rate 14.4Kbps
 - WCDMA data rate 57.6Kbps
 - WCDMA 64kbps CSD for Video call

Specifications for SMS

- Point to point MO and MT
- Text and PDU mode

Other features

- USB Driver for Microsoft Windows 2000/XP/Vista/7/8
- USB Driver for Windows CE/Mobile
- USB Driver for Linux /Android
- Firmware update via USB
- MMS
- TCP/IP
- FTP/FTPS/HTTP/HTTPS/DNS
- FOTA

Interfaces

- USB2.0
- UART
- SIM card
- SPI
- I2C
- Keypad
- Constant current sink
- GPIO
- RTC
- ADC
- Mic/Receiver **
- PCM **

Certifications

- CE

NOTE: * Embedded AT is option
** Only supported in Home Security and Telematics Applications

More about SIMCom SIM5310
Please contact:
Tel: 86-21-32523300
Fax: 86-21-32523301
Email: simcom@sim.com
Website: www.sim.com/wm