



WCDMA/HSPA+ Module



SIM5360

The SIM5360 series is Dual-Band HSPA+/WCDMA and Quad-Band GSM/GPRS/EDGE module solution in a SMT type which supports HSPA+ up to 14Mbps for downlink data transfer.

It has strong extension capability with rich interfaces including UART, USB2.0, SPI, I2C, Keypad, PCM, etc. With abundant application capability like BMP, TCP/UDP/FTP/FTPS/HTTP/HTTPS/SMTP/POP3 and MMS, the module provides much flexibility and ease of integration for customer's application.

Smart Machine Smart Decision

General features

- SIM5360A: Dual-Band UMTS/HSPA+ 850/1900MHz
Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
- SIM5360E: Dual-Band UMTS/HSDPA 900/2100MHz
Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
- GPRS multi-slot class 12
- EDGE multi-slot class 12
- Output power
 - UMTS 850/1900: 0.25W
 - UMTS 900/2100: 0.25W
 - GSM850/GSM900: 2W
 - DCS1800/PCS1900: 1W
- Control Via AT Commands
- Supply voltage range: 3.4V~ 4.2V
- Operation temperature: -40°C to +85°C
- Dimension: 30 X 30X 2.9 mm
- Weight:

Support embedded OS

- BMP

Specifications for GPS

- CELL assistant Location (No GPS)
- A-GPS: MS-Based, MS-Assisted
- Stand-alone GPS
- QUALCOMM XTRA GPS mode
- GLonass

Specifications for Data transfer

- HSPA+
 - Max. 14Mbps(DL), Max.5.76Mbps(UL)
- 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

Specifications for Network Identity and Time zone (NITZ)

- Support in GSM and WCDMA

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/SMTP/POP3/DNS
- FOTA
- eCall
- NETSCAN
- Call record

Interfaces

- USB2.0
- UART
- SIM card
- SPI
- I2C
- Keypad(5*5)
- Constant current sink
- GPIO
- RTC
- ADC
- PCM
- SDIO

More about SIMCom SIM5360

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