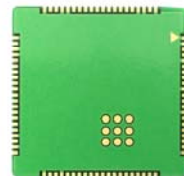# WCDMA/HSPA+ Module

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 14.4Mbps 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 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/HSPA+ 900/2100MHz
　　　　　　　Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
• SIM5360J：Dual-Band UMTS/HSPA+ 800（850）/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℃ to +85℃
• Dimension: 30 X 30X 2.9 mm
• Weight: 5.7g

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. 14.4Mbps(DL), Max.5.76Mbps(UL)
• WCDMA
　　　　- Max.384Kbps(DL), Max.384Kbps(UL)
• EDGE Class:
　　　　- Max. 236.8Kbps(DL),Max. 236.8Kbps(UL)
• GPRS
　　　　- Max. 85.6Kbps(DL), Max. 85.6Kbps(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
• Embedded AT
• LUA Script Language
• MMS
• TCP/IP
• FTP/FTPS/HTTP/HTTPS/SMTP/POP3/DNS
• FOTA
• eCall

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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