



## 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, 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
- SIM5360(J)E: Dual-Band UMTS/HSPA+ 900/2100MHz  
Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
- SIM5360(J)D: 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°C to +85°C
- 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)

### 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
- Embedded AT
- LUA Script Language
- MMS
- TCP/IP
- FTP/FTPS/HTTP/HTTPS/SMTP/POP3/DNS
- FOTA

### Interfaces

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

### Certifications

- |              |          |
|--------------|----------|
| SIM5360A     | SIM5360E |
| • FCC        | • CE     |
| • ROHS       | • GCF    |
| • REACH      | • ROHS   |
|              | • REACH  |
| SIM5360JE/JD | • CCC    |
| • Telec      | • CTA    |
| • JATE       |          |
| • ROHS       |          |
| • REACH      |          |

NOTE: \* Only supported in Home Security and Telematics Applications