



CDMA/EVDO Module

SIM6216C

The SIM6216C is Single-Band CDMA-EVDO module solution which supports EVDO Rev.A.

It has strong extension capability with rich interfaces including UART, USB2.0, I2C, Micro-SD card, Digital Camera, etc. With abundant application capability like embedded LUA script, TCP/UDP/FTP/SMTP/POP3 and MMS, the module provides much flexibility and ease of integration for customer's applications. 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

- SIM6216C: CDMA-EVDO CELL 800
- CDMA-EVDO Rev.A
- CDMA 1X
- Output power
 - CELL 800 : 0.25W
- Control Via AT Commands
- Supply voltage range: 3.1V~ 4.5V
- Extended Operation temperature: -30°C to +80°C
- Dimension: 45.5 X 26 X 3 mm
- Weight: 6.2g

Support embedded Script Language

- LUA Script Language

Specifications for Data transfer

- EVDO
 - Max:3.1Mbps(DL)
 - Max:1.8Mbps(UL)

Specifications for SMS

- Point to point MO and MT
- Support ASCII and UNICODE

Other features

- USB Driver for Microsoft Windows 2000/XP/Vista
- USB Driver for Linux 2.6.16
- Firmware update via USB
- MMS
- TCP/IP
- FTP/HTTP/SMTP/POP3

Interfaces

- USB2.0
- UART
- USIM card
- I2C
- Digital Camera
- Constant current sink
- GPIOs
- Micro-SD card
- ADC