



MC323 is high-quality designed Dual-band CDMA 1X module in small size and B2B form factor which specially for industrial-grade M2M applications such as vehicle telematics, tracking, mobile payment, industrial router, AMI device...etc. MC323 supports 153.6kbps downlink data rate and provides enhanced features like embedded TCP/IP stack, SMS Support, and Huawei enhanced AT commands.

All Huawei modules comply with the RoHS directive and Regional certification.

HUAWEI MC323 CDMA2000 1X M2M Module

B2B Package

DL (153.6 kbps)/UL (153.6 kbps)

Embedded TCP/IP Stack

Dual-Band CDMA2000 1X

Analog Audio

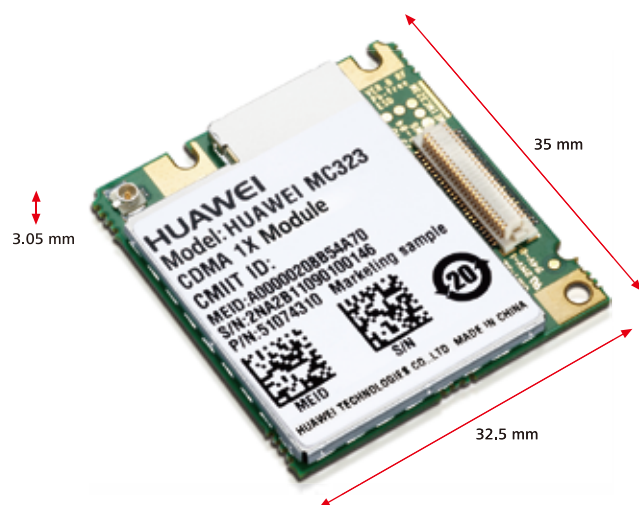
CE, IC, FCC, CCC, Verizon

General Features

- MC323: CDMA 2000 1X 800/1900 MHz
- MC323-a: CDMA 2000 1X 800 MHz
- Transmitter power
 - CDMA 800 MHz: +24 dBm (Power Class 3)
 - CDMA 1900 MHz: +24 dBm (Power Class 2) 2)
- Sensitivity
 - CDMA 1X 800/1900MHz: -107.5dBm
- AT commands
 - IS 707A AT commands
 - Huawei extended AT command
- Power supply: 3.3 V to 4.2V (typical: 3.8V)
- Power consumption
 - Standby: 3mA
 - Power off: 120μA
- Temperature range: -30°C to 75°C
- Humidity: 5%~ 95%
- Dimensions: 35 x 32.5 x 3.05 mm
- Weight: 6g

HUAWEI MC323

CDMA2000 1X M2M Module



Voice

- Analog audio
- Vocoder: 13K QCELP/EVRC/EVRC-B
- Emergency call support

Data

- CDMA2000 1X 153.6 kbps forward /153.6 kbps reverse

SMS

- MO/MT Text mode

Additional

- Embedded TCP/IP stack

Interfaces

- Antenna interface
- 50pin board-to-board connector:
- Power supply
- Analog audio
- UART
- USB 2.0 full speed
- UIM Card (1.8 / 3.0V)
- Reset

Approvals & Certifications

- CE
- FCC
- IC
- RoHS
- Verizon certificated

Note:

Please refer to the latest version of Hardware Guide about the specifications. Huawei reserves the right to make changes or improvements to any to the products without prior notice.
* Temperature outside of the range -20°C to 70°C, the module might slightly deviate from 3GPP TS 45.005 and 3GPP TS 34.121-1 specifications.

