

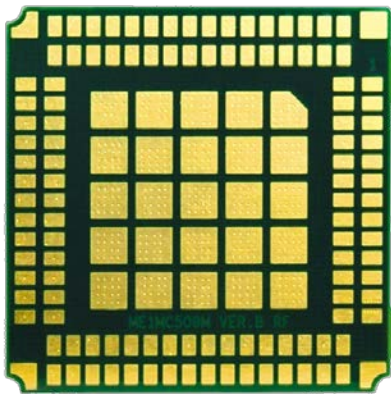
HUAWEI MC509

Product features

- Chipset: QCS6085
- CDMA Dual-Band 800/1900 MHz
- GPS: Standalone
- Max. transmitter power
CDMA 800 MHz: +24 dBm (Power Class 3)
CDMA 1900 MHz: +24 dBm (Power Class 2)
- Control via AT commands
IS 707A AT commands
Huawei extended AT command
- Embedded TCP/IP and UDP/IP protocol stack
- Power supply: 3.3V~4.2V (recommend 3.8V)
- Temperature range
Normal Operation: -20 to 70° C
Extended Operation: -30° C ~ -20° C to +70° C ~ +75° C
Storage: -40 to 85° C
- Humidity: 5%~ 95%
- Dimensions: 30mm × 30mm × 2.65mm
- Weight: 5.5g

Voice features

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



Data features

- CDMA2000 1X RTT: DL 153.6kbps / UL 153.6kbps
- CDMA2000 1XEV-DO Rev.0: DL 2.4Mbps / UL 153.6kbps
- CDMA2000 1XEV-DO Rev.A: DL 3.1Mbps / UL 1.8Mbps

SMS features

- MO / MT Text modes

Interfaces

- Antenna connector
- External interface: LGA, 145 PIN
1 x 8 serial interfaces: UART
PCM Voice
GPIO
USB2.0 Full Speed
control interfaces
Power on
Reset
UIM card interfaces

Approvals & Certifications

- 3C
- CTA
- FCC
- RoHS



Note:

Please refer to the latest version of *Hardware Guide* about the specifications. Huawei reserves the right to make changes or improvements to any of the products without prior notice.