
















EV-DO Cellular Module

The C5300V PCI Express Mini Card is a powerful, cost-efficient module. It can be easily integrated into the applications offering Data, SMS and Voice solution on CDMA 1xEV-DO Revision A networks.

In high performance, it operates globally on 800 MHz band CDMA networks and enables data connection at speed up to 3.1 Mbps downlink and 1.8 Mbps uplink.

Except used as a standard wireless modem through AT command, It is ideal for a wide range of products including Tablet, Gateway, Telematics, Tracking solution, Security solution and much more.



 CDMA1xEV-DO Revision A	 M2M application	 CTA compliance
 Receive diversity	 Router application	 RoHS compliance
 AT Command	 USB 2.0 interface	 Windows CE/XP/Vista/7 operating system
 Surveillance application	 PCI Express Mini Card Standard Interface	 Linux operating system
 UART interface	 Laptop application	 Analog and digital audio interface



C5300V EV-DO Cellular Module

General features:

- IS-856-A (CDMA 1xEV-DO Revision A)
- IS-856 (CDMA 1xEV-DO Rev 0)
- IS-2000 (CDMA 1xRTT)
- IS-95 A/B
- IS-707-A Data
- IS-637-A SMS
- IS-683-A Service Provisioning
- IS-683-B (partial)
- Single Band 800MHz
- RX diversity in 800MHz band
- Control via AT commands
(Hayes 3GPP TS 27.007 and 27.005)
- Supply voltage range: 3.3 ... 4.2V
- Low Power consumption
- Sleep mode <3mA
- Temperature range
- Normal Operation: -20°C to +65°C
- Restricted Operation: -30°C to +75°C
- Storage: -40°C to +85°C

Approvals:

- RoHS
- CCC
- CTA
- SRRC

Specification for CDMA 1xEV-DO Rev A (IS-856-A) data transmission:

- Downlink up to 3.1 Mbps
- Uplink up to 1.8 Mbps

Specification for CDMA 1xEV-DO Rev 0 (IS-856) data transmission:

- Downlink up to 2.4 Mbps
- Uplink up to 153.6 Kbps

Specification for CDMA 1xRTT data (IS-2000) transmission:

- Down and up link speeds up to 153.6Kbps

Specification for SMS:

- Point-to-point MO and MT
- SMS cell broadcast
- Text and PDU mode

Specification for voice:

- IS-127 and IS-733-A Optional Vocoders

Special features:

- Improved power-saving modes
- USB driver for Microsoft® Windows® 2000, Windows® XP, Windows® Vista32/64, Windows® 7
- USB driver for devices based on Microsoft® Windows Mobile™ 5.0 and its Successor
- USB driver for Linux2.4.x, Linux2.6.x
- Customer MEID as variant
- Firmware update via USB
- PC_SUITE Auto-installation

Interfaces:

- Hirose's U.FL-R-SMT 50 Ω antenna connector
- Express® Mini Card Interface (Revision 1.2)
- Power supply
- USB 2.0 full speed
- UIM/RUIM card interface
- Flying Mode
- Network status
- UART
- Analog Audio
- PCM
- Reset
- Network status
- Wake up in/out
- GPIOs