



SIM7100E-PCIE



The SIM7100E-PCIE is a complete multi-band TDD-LTE/FDD-LTE/WCDMA/GSM/GNSS module solution in miniPCIE type which supports LTE up to 100Mbps for downlink and 50Mbps for uplink data transfer. It is combined with a SIM7100E module and a miniPCIE adapter board.

Smart Machine Smart Decision

General features

- Dual-Band TDD-LTE B38/B40
- Five-Band FDD-LTE B1/B3/B7/B8/B20
- Dual-Band UMTS/HSDPA/HSPA+ B1/B8
- Dual-Band GSM/GPRS/EDGE 900/1800 MHz
- Control Via AT Commands
- Supply voltage range: 3.2V~ 3.6V
- Operation temperature: -30°C to +80°C
- Dimension: 50.95 X 31X 4.95 mm
- GNSS gpsOne Gen 8B; standalone; assisted, XTRA;

Specifications for Data transfer

- TDD-LTE/FDD-LTE
 - Uplink up to 50Mbps,
 - Downlink up to 100Mbps
- HSPA+
 - Uplink up to 5.76 Mbps,
 - Downlink up to 42 Mbps
- UMTS
 - Uplink/Downlink up to 384Kbps
- EDGE Class:
 - Max. 236.8Kbps(DL), Max. 236.8Kbps(UL)
- GPRS
 - Max. 85.6Kbps(DL), Max. 85.6Kbps(UL)
- CSD
 - GSM data rate 14.4Kbps
 - WCDMA data rate 57.6Kbps
 - WCDMA 64kbps CSD for Video call

Other features

- USB Driver for Microsoft Windows 2000/XP/Vista/Win7/Win8
- USB Driver for Windows CE
- USB Driver for Linux /Android
- RIL supporting for Android/Windows CE
- Linux API SDK
- Firmware update via USB
- TCP/IP/IPV4/V6 Multi-PDP, MT PDP
- FTP/HTTPS/HTTP/HTTPS/SMTP/POP3/DNS
- Gobi SDK to the Win7/Win8/Linux
- MBIM to Win8
- Source code of the PC manager of the device for reference
- Analog audio (option)
- Micro SIM-holders (option)

Interfaces

- USB2.0
- SIM card
- MIC/Receiver(PCM)
- UART
- LED

More about SIMCom SIM7100E-PCIE
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