



L306

Mini PCIe module

L306 Mini PCIe is a UMTS/HSPA+ module for Mini PCIe package, with stable and reliable performance. It supports UMTS/HSDPA/HSUPA900 (850)/2100(1900) and can be compatible with existing GSM/GPRS/EDGE networks.

L306 Mini PCIe size is 51*31*5.43mm. It has rich extensible interfaces (USB, UART, PCM, ect) and functions (USB drivers for Windows XP, Windows Vista, Windows 7, Windows 8, Linux, Android), which can be widely used in various kinds of products and equipments with wireless internet functions.



3G



USB2.0



Extended Temperature Range-40°C to +85°C



USB Drivers



Data connection



AT



Main Features

- L306E Mini PCIe :
UMTS/HSPA+ 900/2100MHz
GSM/GPRS/EDGE 850/900/1800/1900MHz
- L306A Mini PCIe :
UMTS/HSPA+ 850/1900MHz
GSM/GPRS/EDGE 850/900/1800/1900MHz
- Support AT commands: 3GPP TS 27.007 ,
ETSI TS 27.005 and enhanced AT Commands
- Operation Temperature Range : -40 °C to +85 °C
- Supply Voltage Range : 3.0 to 3.6V (3.3V Typ)
- Dimensions : 51*31*5.43mm
- Package : 52- pin Mini PCIe
- Weight : Approx 11g

Specifications

- GPRS : Multi-slot Class 12
- EDGE : Multi-slot Class 12
- WCDMA PS : UL 384Kbps/DL 384Kbps
- HSDPA : DL MAX 14.4Mbps
- HSUPA : UL MAX 5.76 Mbps
- Output power
UMTS 850/1900 : 0.25W
UMTS 900/2100 : 0.25W
GSM850/GSM900 : 2W
DCS1800/PCS1900 : 1W
- Voice : HR FR EFR AMR

SMS

- short message
- peer-to-peer
- Broadcast SMS
- Text
- PDU

Interfaces

- UART : ×1 , High speed UART
- USIM : ×1 , support1.8V/3V
- USB 2.0 Device : High Speed , 480Mbps
- I I C : x1 (optional)
- PCM : Digital audio interface (optional)
- Analog voice interface(default)
- Network indicator interface
- Antenna : Main Antenna, Diversity Antenna

Other features

- USB Drivers : Microsoft Windows XP/
Vista/7/8, Linux and Android
- Firmware Update : Firmware updated via USB
- Support Android RIL
- Support TCP/IP
- Support PPP

Certifications

- CCC/TA/CE/FCC/RoHS

