



306

Industrial module

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

L306 size is only 30*30*2.65mm and very convenient for SMT. It's small size, high integration level, low power consumption and high mechanical strength enable customers to easily design their applications.

L306 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



Temperature
-40°C to +85°C



USB Drivers



LCC



AT



Main Features

- L306E : UMTS/HSPA+ 900/2100MHz
GSM/GPRS/EDGE 850/900/1800/
1900MHz
- L306A : 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 : 3.3 to 4.2V (3.8V Typ)
- Dimensions : 30*30*2.65mm
- Package : LCC
- Weight : Approx 5g

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 5.76Mbps
- Output power
UMTS 850/1900 : 0.25W
UMTS 900/2100 : 0.25W
GSM850/GSM900 : 2W
DCS1800/PCS1900 : 1W
- Voice : HR FR EFR AMR

S M S

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

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

Interfaces

- PCM : Digital audio interface
- UART : ×2 , High speed UART
- S I M : ×1 , support 1.8V/3V
- SDIO : ×1 , 2.0 , 4bit SDIO
- I I C : ×1
- S P I : ×1
- Antenna : Main Antenna , Diversity Antenna
- USB 2.0 Device : High Speed , 480Mbps

Certifications

- CCC/TA/CE/FCC/RoHS

