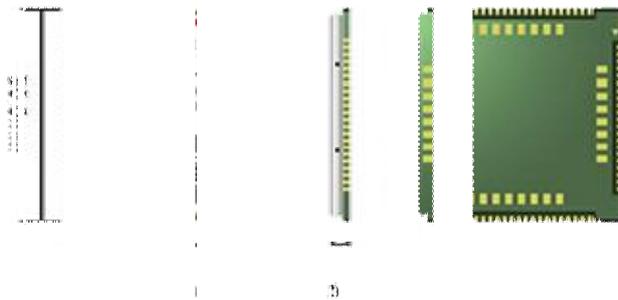


A7600C1



A7600C1 series (including A7600C1-SE) are the LTE Cat 1 module which supports wireless communication modes of LTE-TDD/LTE-FDD/GSM*/

GPRS*/EDGE*. It supports maximum 10Mbps downlink rate and 5Mbps uplink rate.

A7600C1 adopts LCC+LGA form factor and is compatible with SIM5320/SIM5360 series(UMTS/HSPA+ modules), and SIM7600/SIM7600-H series(LTE modules), which enables smooth migration from 3G products to LTE products, and greatly facilitates more compatible product design for the customer needs.

A7600C1 supports multiple built-in network protocols, supports drivers for main operation systems (USB driver for Windows, Linux and Android etc.) and software function. Meanwhile A7600C1 integrates main industrial standard interfaces, with powerful expansibility, including abundant interfaces such as UART, USB, I2C, GPIO, which is suitable for main IOT applications such as telematics, surveillance devices, POS, industrial routers, and remote diagnostics etc.

Product Advantages

- ◆ LCC+LGA form factor with abundant interfaces
- ◆ Suitable for Asian Region Networks
- ◆ Abundant software functions: FOTA, LBS, SSL

◆ Offer high cost-performance

Product Details

Frequency Bands:

LTE-TDD B34/B38/B39/B40/B41

LTE-FDD B1/B3/B5/B8

GSM/GPRS/EDGE 900/1800 MHz

Supply Voltage: 3.4V ~ 4.2V, Typ: 3.8V

Control Via AT Commands:

Operation temperature: -40°C ~ +85°C

Dimensions: 30.0*30.0*2.5mm

Weight:4.6±0.1g

USB Driver for Microsoft Windows 7/8/10

USB Driver for Linux /Android

RIL supporting for Android 5.0/6.0/7.0/8.0/9.0

Firmware update via USB/FOTA

TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS/HTTP/HTTPS/DNS

RNDIS/PPP/ECM

SMS

SSL

Wifi-scan*

LTE Cat 1:

Uplink up to 5Mbps

Downlink up to 10Mbps

EDGE: Uplink/Downlink up to 236.8Kbps

GPRS: Uplink/Downlink up to 85.6Kbps

3C/SRRC/NAL

RoHS#/REACH#

USB2.0

UART

(U)SIM card(1.8V/3V)

PCM*

MMC/SD

Keypad*

LCM*

Camera*

ADC

I2C

GPIO

Antenna: Primary