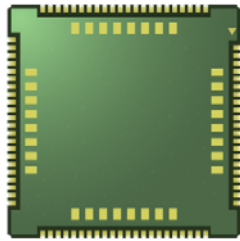


# A7600C-L1



Multi-Band

LTE  
Cat4

LCC+LGA

TCP/IP

Compact  
Size

FOTA

SDIO

USB 2.0

SSL

## Product Description

The A7600C-L1 is Multi-Band LTE-TDD/LTE-FDD/HSPA+/GSM /GPRS/EDGE LTE CAT4 module solution in a SMT type which supports LTE CAT4 up to 150Mbps data transfer.

It has strong extension capability with rich interfaces including UART,I2C,USB2.0, GPIO etc. The module provides much flexibility and ease of integration for customer's application.

The package of A7600C-L1 is LCC+LGA. The LCC part is compatible with the package of SIM7600 series. This also maximizes the investments of customers, and enables a short time-to-market.

It is designed for applications that need high throughput data communication in a variety of radio propagation conditions. Due to the unique combination of performance, security and flexibility, this module is ideally suited for many applications.

## Key Benefits

- High throughput data communication.
- The package of A7600C-L1 is compatible with SIM7600 Series.

## General Features

- Supply voltage range: 3.4V ~ 4.2V, Typ: 3.8V
- Control Via AT Commands
- Operation temperature: -40°C to +85°C
- Dimensions: 30.0\*30.0\*2.5mm
- Weight: 4.6g
- LTE-FDD/LTE-TDD/UMTS/HSDPA/HSUPA/HSPA+/GSM/GPRS/EDGE

## Interfaces

- USB Driver for Microsoft Windows 2000/XP/Vista/Win7/Win8/Win10
- RIL supporting for Android 2.3/4.0/5.0/6.0/7.0
- Firmware update via USB
- TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS/HTTP/HTTPS/DNS
- RNDIS/PPP/ECM
- SMS
- SSL
- FOTA

## Data

- LTE CAT4
  - Uplink up to 50Mbps
  - Downlink up to 150Mbps
- HSPA+
  - Uplink up to 5.76Mbps
  - Downlink up to 42.0Mbps
- UMTS
  - Uplink/Downlink up to 384.0Kbps
- EDGE
  - Uplink/Downlink up to 236.8Kbps
- GPRS
  - Uplink/Downlink up to 85.6Kbps

## Other Features

- USB2.0
- UART
- (U)SIM card (1.8V /3.0V)
- PCM
- MMC/SD
- SDIO\*
- ADC
- I2C
- GPIO
- Antenna: Primary

## Approvals

- 3C/TA/CTA

## Frequency

LTE-FDD	B1/B3/B5/B8
LTE-TDD	B38/B39/B40/B41
UMTS/HSDPA/HSPA+	B1/B8
GSM/GPRS/EDGE	900/1800MHz