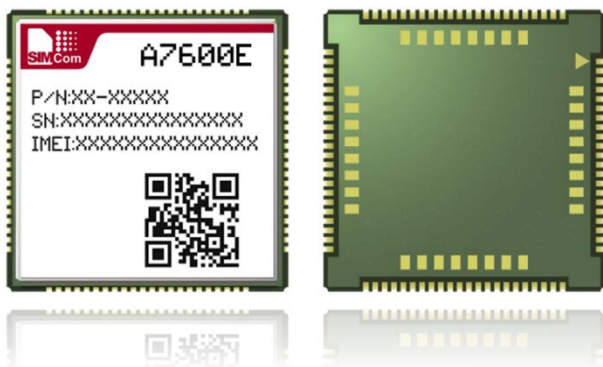


A7600E



Multi-Band

LTE
Cat1

LCC+LGA

TCP/IP

Compact
Size

FOTA

SDIO

USB 2.0

SSL

Product Description

The A7600E is Multi-Band LTE-TDD/LTE-FDD/GSM /GPRS/EDGE module solution in a SMT type which supports LTE CAT1 up to 10Mbps 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 A7600E 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 A7600E is compatible with SIM7600 Series.

Smart machine Smart decision

Tel:86-21-31575100/31575200

simcom@simcom.com

www.simcomm2m.com

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/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 CAT1
 - Uplink up to 5Mbps
 - Downlink up to 10Mbps
- 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
- ADC
- I2C
- GPIO
- Antenna: Primary

Approvals(plan)

- CE

Frequency

LTE-FDD	B1/B3/B5/B7/B8/B20/B28
LTE-TDD	B38/B40/B41
GSM/GPRS/EDGE	900/1800MHz

Smart machine Smart decision

Tel:86-21-31575100/31575200

simcom@simcom.com

www.simcomm2m.com