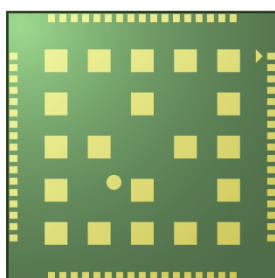


A7670E



Multi-Band

LTE
Cat1

LGA

TCP/IP

Compact
Size

FOTA

IPV6

USB 2.0

SSL

Product Description

The A7670E is Multi-Band 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 A7670E is LGA. The part of outer circle pins is compatible with the package of SIM7070 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

- Compact Size of 24mm*24mm.
- The package of A7670E is compatible with SIM7070 Series.

Smart machine Smart decision

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General Features

- Supply voltage range: 3.4V ~ 4.2V, Typ: 3.8V
- Control Via AT Commands
- Operation temperature: -40°C to +85°C
- Dimensions: 24.0*24.0*2.3mm
- Weight: TBD
- LTE-FDD/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
- ADC
- I2C
- GPIO
- Antenna: Primary

Approvals(plan)

- CE

Frequency

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

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