

SIM7600E

LTE Cat 1 multi-band LTE-FDD/LTE-TDD/HSPA+/UMTS/EDGE/GPRS/GSM module



Product Features

General Features

- LCC Package
- Control Via AT Commands
- Supply voltage range: 3.4V~ 4.2V, 3.8V Typical
- Operation temperature: -40°C to +85°C
- Dimension: 30*30*2.9mm
- Weight: 5.7g
- Bandwidth: 1.4/3/5/10/15/20MHz
- 3GPP E-UTRA Release 11

Specifications for Data Transfer

- LTE CAT1 - Uplink up to 5Mbps - Downlink up to 10Mbps
- HSPA+ - Uplink up to 5.76 Mbps - Downlink up to 42 Mbps
- UMTS - Uplink/Downlink up to 384Kbps
- EDGE - Uplink/Downlink up to 236.8Kbps
- GPRS - Uplink/Downlink up to 85.6Kbps

Approvals

- RoHS Compliant
- CE(SIM7600E/SIM7600SA*)
- FCC/PTCRB/AT&T* (SIM7600A)
- ACMA* (SIM7600SA)

Other Features

- USB Driver for Microsoft Windows 2000/X-P/Vista/Win7/Win8/Win10
- USB Driver for Linux /Android
- RIL supporting for Android 2.4/4.0/5.0/6.0/7.0
- MBIM to Win8
- Firmware update via USB
- TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS /HTTP/HTTPS/DNS
- SSL3.0/TLS1.0/TLS1.2
- DTMF (Sending and Receiving)
- Audio Playing
- USB Audio and VoLTE
- FOTA

Interfaces

- USB2.0 with High speed up to 480Mbps
- UART
- GPIO
- Solder pads for Primary, Rx-diversity and GNSS antennas
- (U)SIM card (1.8V/3.0V)
- Digital Audio through PCM
- MMC/SD
- ADC
- GNSS: GPS/GLONASS/Beidou/Galileo*