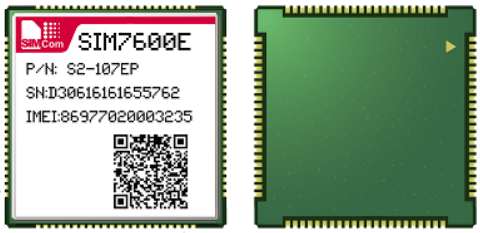
SIM7600X



SIM7600X is a complete multi-band LTE-FDD/LTE-TDD/HSPA+/UMTS/EDGE/GPRS/GSM module solution in LCC type which supports LTE CAT1 up to 10Mbps for downlink and 5Mbps for uplink data transfer. Designed in the compact and unified form factor, SIM7600X is compatible with SIMCom HSPA+ SIM5360 module/LTE CAT3 SIM7100 and LTE CAT4 SIM7600X-H module, which allows customer to design their application once for different technology and benefit from great development time-saving.

Smart Machine Smart Decision

Variant for EMEA/Korea/Thailand
SIM7600E:
•LTE-TDD B38/B40/B41
•LTE-FDD B1/B3/B5/B7/B8/B20
•UMTS/HSPA+ B1/B5/B8
•GSM/GPRS/EDGE B3/B8
Variant for North America
SIM7600A:
•LTE-FDD B2/B4/B12
•UMTS/HSPA+ B2/B5
Variant for Australia/New Zealand/South America
SIM7600SA:
•LTE-TDD B40
•LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28
•UMTS/HSPA+ B1/B2/B5/B8
•GSM/GPRS/EDGE 850/900/1800/1900MHz

General features
•LCC Package
•Control Via AT Commands
•Supply voltage range: 3.4V~ 4.2V, 3.8V Typical
•Operation temperature: -40℃ to +85℃
•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

Other features
•USB Driver for Microsoft Windows 2000/XP/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
•Antenna: 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*

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

*Under Development/Testing

More about SIMCom SIM7600X
Please contact:
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Email: simcom@sim.com
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All specifications are subject to change without prior notice.