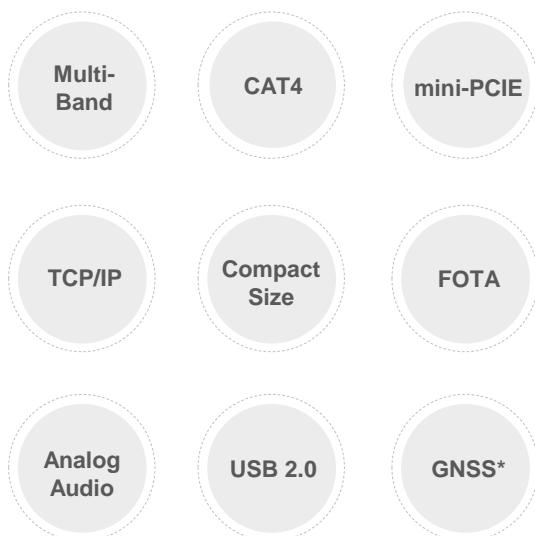
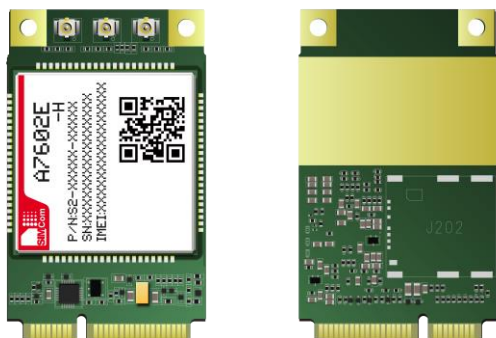


A7602E-H-PCIEA

SIMCom LTE Cat4 Module



Product Description

The A7602E-H-PCIEA is a LTE CAT4 module which supports wireless communication modes of LTE-TDD/LTE-FDD/HSPA+/GSM/GPRS/EDGE. It supports maximum 150Mbps downlink rate and 50Mbps uplink rate.

The A7602E-H-PCIEA adopts mini PCIE form factor and consists of a A7602E-H module and a mini PCIE adapter board. It is easy for customers to integrate

The A7602E-H-PCIEA supports multiple built-in network protocols, supports drivers for main operation systems (USB driver for Windows, Linux and Android etc.) and software function, AT commands are compatible with SIM7600 series modules. Meanwhile the A7602E-H-PCIEA integrates main industrial standard interfaces, with powerful expansibility, including abundant interfaces such as UART, USB, I2C, GPIO, which is suitable for main IOT applications such as telematics, surveillance devices, CPE, industrial routers, and remote diagnostics etc.

Key Benefits

- ◆ Mini-PCIE interface with strong compatibility.
- ◆ Suitable for LTE, UMTS and GSM networks.
- ◆ Support Analog Audio.
- ◆ Abundant software functions: FOTA, LBS, SSL.
- ◆ AT commands of the A7602E-H-PCIEA are compatible with the SIM7600 Series modules.

General Features

Frequency Bands	TDD-LTE B38/B40/B41
	FDD-LTE B1/B3/B5/B7/B8/B20
	UMTS/HSPA+ B1/B8
	GSM/GPRS/EDGE 900/1800 MHz
Supply Voltage	3.0V ~ 3.6V, Typ: 3.3V
Control Via AT Commands	
Operation temperature	-40°C ~ +85°C
Dimensions	50.8*31*5.35mm
Weight	TBD

Data Transfer

LTE CAT4	Uplink up to 50Mbps,
	Downlink up to 150Mbps
HSPA+	Uplink up to 5.76Mbps
	Downlink up to 42 Mbps
UMTS	Uplink/Downlink up to 384Kbps
EDGE Class	Uplink/Downlink up to 236.8Kbps
GPRS	Uplink/Downlink up to 85.6Kbps

Note

*: optional
#: on going

Other Features

USB Driver for Microsoft Windows 7/8/10
USB Driver for Linux /Android
RIL supporting for Android 5.0/6.0/7.0/8.0/9.0
Firmware update via USB/FOTA
TCP/IP/IPV4/IPV6/MultiPDP/FTP/FTPS/HTTP/HTTPS /DNS
RNDIS/PPP/ECM
SMS
SSL

Interfaces

USB2.0
UART
(U)SIM card(1.8V/3V)
Mic/Receiver
I2C
GPIO
Antenna: Primary/Diversity/GNSS*

Certifications

CE#
RoHS#/REACH#