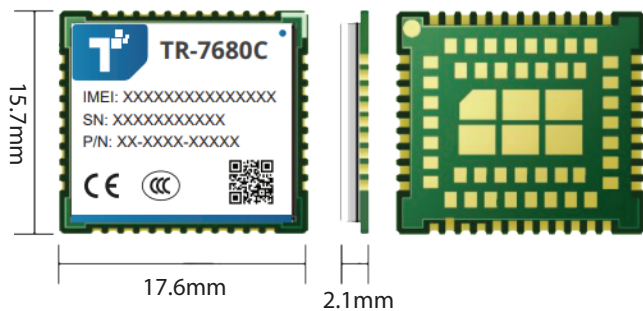




TR-7680C

Technoration LTE Cat 1 Module



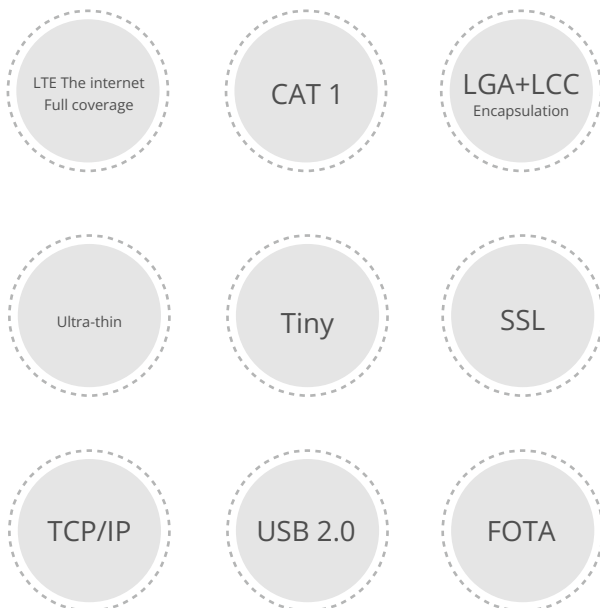
Product Description

TR-7680C is an ultra-small and ultra-thin one for the Indian market LTE Cat 1 Module, support LTE-TDD/LTE-FDD Wireless communication system. The product supports the maximum downlink rate 10Mbps and maximum uplink rate 5Mbps.

TR-7680C Using Technoration's classic 2G Product LCC+LGA Package size, a classic 2G product (TR800, TR868 Wait)

to LTE The smooth switching of products greatly facilitates customers' And the design requirements of fully functional terminal products.

TR-7680C Built-in a variety of network protocols, support a variety of mainstream software Operating system driver (Windows, Linux with Android Equivalent operation system Mainstream version USB Driver) and software functions. TR-7680C Meanwhile also integrates mainstream industry standard interfaces, has powerful expansion capabilities, and includes include UART, GPIO And other rich interfaces, widely applicable to mainstream IoT Network application areas, such as in-vehicle communication terminals, security terminals, POS, industry Routers and telemedicine terminals, etc



Main Advantage

- Ultra-small CAT 1 Module
- Rich hardware interfaces to meet various design requirements
- Compatible with classic 2G product TR800, TR868 Series Module
- Abundant software functions: remote upgrade (FOTA), Base station positioning (LBS), SSL protocol



Technoration India Pvt. Ltd.

General characteristics

Frequency band	LTE-TDD B34/B38/B39/B40/B41 LTE-FDD B1/B3/B5/B8
Support voltage range	3.4V ~ 4.2V, Typical value:3.8V
Operating temperature	-40°C ~ +85°C
Size	15.7*17.6*2.1mm
Weight	TBD

ATInstruction operation

Data Transmission

LTE Cat 1	Maximum upstream 5Mbps Maximum down 10Mbps
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Software features

stand by Microsoft Windows 7/8/10 USBDriver
support Linux /Android USBDriver support
Android 5.0/6.0/7.0/8.0/9.0 RIL
stand by USB software upgrades,FOTA Remote software upgrade
stand by TCP/IP/IPV4/IPV6/MultiPDP/FTP/HTTP/DNS
stand by RNDIS/ECM/PPP
stand by TLS
stand by LBS
stand by TTS
stand by MQTT
stand by WIFI Scan

Hardware Interface

USB2.0
Serial port
(U)SIMCard (1.8V/3V)
Analog audio
ADC
GPIO
Antenna: Main set

Certification

3C#/SRRC#/NAL#
RoHS#/REACH#

Prompt

*: Optional

#: Processing