Otto Wireless Solutions
58 Wakis Avenue, Strijdompark
Randburg, 2155
PO BOX 55536 Northlands 2116
Republic of South Africa
Tel: +27 11 791 1033 | Fax: +27 11 791 1187
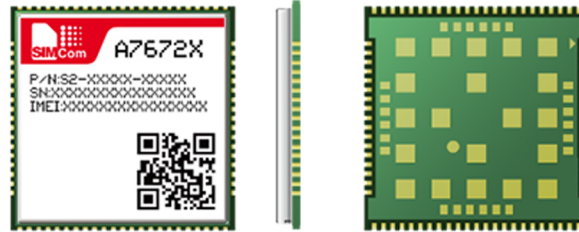wireless@otto.co.za | www.otto.co.za

A7672E
LTE Cat1 Module

A7672E is a LTE Cat1 module that supports wireless communication modes of LTE-FDD/GSM/GPRS/EDGE. It supports maximum 10Mbps downlink rates and 5Mbps uplink rates. The A7672E adopts the LCC+LGA form factor and is compatible with SIM7000/SIM7070 series (NB/Cat M modules), and SIM800A/SIM800F series (2G modules), which enables smooth migration from 2G/NB/Cat M products to LTE Cat 1 products, and greatly facilitates a more compatible product design for customer needs.The A7672E supports multiple built-in network protocols and the drivers for main operation systems (USB driver for Windows, Linux and Android). The software functions, AT commands are compatible with the SIM800 series modules. A7672E also supports BLE* and GNSS* and it integrates abundant industrial standard interfaces with powerful expansibility, such as UART, USB, I2C and GPIO, which makes it perfectly suitable for main IOT applications such as telematics, POS, surveillance devices, industrial routers, and remote diagnostics etc.

Product Overview

General Features

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

Control Via AT Commands

Supply voltage range: 2.1V-3.6V

Operation temperature: -40℃ to +85℃

Dimensions: 24 x 24 x 2.4mm

Weight: 2.8g±0.1g

Other Features

USB Driver for Microsoft Windows 7/8/10

USB Driver for Linux/Android

RIL support for Android 5.0?6.0/7.0/8.0/9.0

Firmware update via USB/FOTA

TCP/IP/IPV4/IPV6/Multi-PDP/FTP/HTTP/DNS

RNDIS/PPP/ECM

MQTT/MQTTS

TLS1.2

LBS

TTS

Data Transfer

LTE Cat1: Uplink upt to 5 Mbps; Downlink up to 10 Mbps

EDGE: Uplink/Donwlink up to 236.8Kbps

GPRS: Uplink/Downlink up to 85.6Kbps

Interfaces

USB2.0

UART

(U)SIM card (1.8V/3V)

Analog audio

ADC

I2C

GPIO

4*4 Keypad

Camera

LCM

Antenna: Primary/GNSS/BT

Certifications

CE/RoHS/REACH