



269.00 EUR

incl. 19% VAT, plus shipping

- **M.2 NGFF !**
- **3G / 4G / LTE / 5G !**
- **USB/PCIe interface !**

Support:  [Hardware Design Guide](#) |  [AT Command Guide](#)

The SIM8202X-M2 is the Multi-Band 5G NR/LTE-FDD/LTE-TDD/HSPA+ module which supports R15 5G NSA/SA up to 2.4Gbps data transfer.

It has strong extension capability with abundant interfaces including PCIe, USB3.1, GPIO etc. The module provides much flexibility and ease of integration for customer's applications.

The SIM8202X-M2 adopts M.2 form factor, TYPE 3042-S3-B. AT commands of SIM8202X-M2 are compatible with SIM7912G/SIM8200X-M2 series modules. This also minimizes the investments of customers and enables a short time-to-market.

It is designed for applications that need high throughput data communication in a variety of radio propagation conditions. Due to the unique combination of performance, security and flexibility, this module is ideally suited for many applications.

Product

SIM8202G-M2

Form Factor

M.2

Dimensions(mm)

42.0*30.0*2.3

Frequency Bands

5G/Sub-6G :

n1,n2,n3,n5,n7,n8,n12,n20,n28,n38,n40,n41,n48,n66,n71,n77,n78,n79

LTE-FDD : B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/

B25/B26/B28/B29/B30/B32/B66/B71

LTE-TDD : B34/B38/B39/B40/B41/B42/B43/B48**LAA** : B46**WCDMA** : B1/B2/B3/B4/B5/B8**GNSS**

•

Temperature

-30°C ~ +70°C

Electrical Features**Supply Voltage(V)**

3.135 ~ 4.4

Data Transfer**Sub-6G**

2.4Gbps(DL)/500Mbps(UL)

LTE

1Gbps(DL)/200Mbps(UL)

HSPA+

42Mbps (DL)/5.76Mbps(UL)

Software Features**Protocol**

TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS/HTTP/HTTPS/MQTT/SSL3.0

TLS

•

File System

•

FOTA

•

Android RIL

Android 6/7/8/9

USB Driver	Microsoft Windows Win7/Win8/Win10/Linux/Android
MBIM	Win8/Win10
NDIS	Linux/Win7/Win8/Win10
Firmware Upgrade	USB

Interfaces

SIM Card	1.8V/2.95V
USB	•
PCIe	
PCM	•
I2C	•
UART	
Diversity Receiver	•

Certifications

Regulatory	CCC/SRRC*/CTA*/RoHS*/REACH*/CE*
-------------------	---------------------------------