



239.00 EUR

incl. 19% VAT, plus shipping

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

**Support:** [Driver & Manual](#) | [Firmware \(LE13B04SIM8202M44A-M2\)](#) |  [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	•

<b>Temperature</b>	-30°C ~ +70°C
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## Electrical Features

<b>Supply Voltage(V)</b>	3.135 ~ 4.4
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## Data Transfer

<b>Sub-6G</b>	2.4Gbps(DL)/500Mbps(UL)
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<b>LTE</b>	1Gbps(DL)/200Mbps(UL)
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<b>HSPA+</b>	42Mbps (DL)/5.76Mbps(UL)
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## Software Features

<b>Protocol</b>	TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS/HTTP/HTTPS/MQTT/S/DNS/ SSL3.0
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<b>TLS</b>	•
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<b>File System</b>	•
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<b>FOTA</b>	•
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<b>Android RIL</b>	Android 6/7/8/9
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<b>USB Driver</b>	Microsoft Windows Win7/Win8/Win10/Linux/Android
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<b>MBIM</b>	Win8/Win10
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<b>NDIS</b>	Linux/Win7/Win8/Win10
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<b>Firmware Upgrade</b>	USB
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## Interfaces

**SIM Card**

1.8V/2.95V

**USB**



**PCIe**

**PCM**



**I2C**



**UART**

**Diversity Receiver**



**Certifications**

**Regulatory**

CCC/SRRC\*/CTA\*/RoHS\*/REACH\*/CE\*