





239.00 EUR incl. 19% VAT, plus shipping

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

Support: Driver & Manual

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          | SIM820        |
|------------------|---------------|
| Form Factor      | M.2           |
| Dimensions(mm)   | 42.0*30.0     |
|                  | 5G/Sub-6      |
|                  | n1,n2,n3,     |
|                  | LTE-FDI       |
|                  | :<br>B1/B2/B3 |
| Francisco Parada | LTE-TDI       |
| Frequency Bands  | :<br>B34/B38/ |
|                  | LAA           |
|                  | :<br>B46      |
|                  | WCDMA         |
|                  | ;<br>B1/B2/B3 |
|                  |               |



| GNSS                    |                    |
|-------------------------|--------------------|
| Temperature Temperature | <del>-</del> 30■   |
| Electrical Features     |                    |
| Supply Voltage(V)       | 313                |
| Data Transfer           |                    |
| Sub-6G                  | 2 40               |
| LTE                     | 1 9b               |
| HSPA+                   | 42M<br>(DL)        |
| Software Features       |                    |
| Protocol                | II CF              |
| TLS                     |                    |
| File System             |                    |
| FOTA                    |                    |
| Android RIL             | And                |
| USB Driver              | Micr<br>Win<br>Win |
| MBIM                    | - Vin              |
| NDIS                    | L                  |
| Firmware Upgrade        | ÜSE                |
| Interfaces              |                    |
| SIM Card                | 118\               |
| USB                     |                    |
| PCIe                    |                    |
| PCM                     |                    |
| 2C                      |                    |
| UART                    |                    |
| Diversity Receiver      |                    |
|                         |                    |