269.00 EUR
incl. 19% VAT, plus shipping

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

Support: 📄 Specifications | 📄 Hardware Design Guide | 📄 AT Command Guide

The SIM8380G-M2 is the Multi-Band 5G NR/LTE-FDD/LTE-TDD/HSPA+ module which supports R16 5G NSA/SA.

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 SIM8380G-M2 adopts M2 form factor. AT commands of SIM8380G-M2 are compatible with SIM8300 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.

- Standard M.2 interface
- High throughput data communication
- AT commands of the SIM8380G-M2 are compatible with SIM8300G/SIM8200X-M2 series modules

Product		SIM8380G-M2
FormFactor		M.2
Dimensions(mm)		52.0*30.0*2.3
FrequencyBands	5GSub-6G	n1/n2/n3/n5/n7/n8/n12/n13/n14/n20/n25/n26/n28/n3
	5GmmWave	n257/n258/n260/n261
	LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/E
	LTE-TDD	B34/B38/B39/B40/B41/B42/B43/B46/B48
	WCDMA	B1/B2/B3/B4/B5/B8
GNSS		GPS/GLONASS/Beidou/Galileo/QZSS
Temperature		-30?~+70?
ElectricalFeatures		
SupplyVoltage(V)		3.135~4.4
DataTransfer		
mmWave		7Gbps(DL)/3Gbps(UL)
Sub-6G		4Gbps(DL)/1Gbps(UL)
LTE		2Gbps(DL)/200Mbps(UL)
HSPA+		42Mbps(DL)/5.76Mbps(UL)
SoftwareFeatures		
Protocol		TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS/HTTP/HTTI
TLS		?
FileSystem		?
FOTA		?

AndroidRIL	Android6/7/8/9
USBDriver	MicrosoftWindowsWin7/Win8/Win10/Linux/Android
MBIM	Win8/Win10
NDIS	Linux/Win7/Win8/Win10
FirmwareUpgrade	USB
Interfaces	
SIMCard	1.8V/2.95V
USB	?
PCM	?
I2C	?
DiversityReceiver	?
Certifications	
Regulatory	CE(RED)*/FCC*/RoHS*/REACH*