SIM8262E-M2

SIMCom 5G Sub-6G Module

42mm

30mm

2.3mm

Multi-Band

NSA/SA

M2

VoLTE

Compact Size

GNSS

TCP/IP

USB 3.1

SSL

Product Description

The SIM8262E-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 SIM8262E-M2 adopts M2 form factor. AT commands of SIM8262E-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.

Key Benefits

◆ Standard M.2 interface

◆ High throughput data communication

◆ AT commands of the SIM8262E-M2 are compatible with SIM7912G/SIM8200X-M2 series modules

Product	SIM8262E-M2		
Form Factor	M.2		
Dimensions(mm)	42.0*30.0*2.3		
Frequency Bands	**5G Sub-6G**	n1,n3,n5,n7,n8,n20,n28,n38,n40,n41,n77,n78,n79	
	LTE-FDD	B1,B3,B5,B7,B8,B18,B19,B20,B26,B28,B32	
	LTE-TDD	B38,B39,B40,B41,B42,B43	
	WCDMA	B1,B5,B8	
GNSS	GPS/GLONASS/Beidou/Galileo/QZSS		
Temperature	-30℃ ~ +70℃		
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/MQTTS/DNS/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	●		
PCM	●		
I2C	●		
Diversity Receiver	●		
Certifications			
Regulatory	CE(RED)*/FCC*/RoHS*/REACH*		

●: support   o: optional   * :means under developing/on-going/planning

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