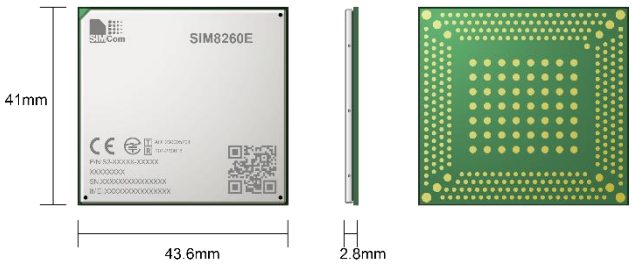
V: 2023.1

SIM8260E

SIMCom 5G Sub-6G Module



Multi-Band

NSA/SA

LGA

VoLTE

Compact Size

GNSS

TCP/IP

USB 3.1

SSL

Product Description

The SIM8260E 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 SIM8260E adopts LGA form factor. AT commands of SIM8260E are compatible with SIM8200X 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

- LGA form factor with abundant interfaces
- High throughput data communication
- AT commands of the SIM8260E are compatible with SIM8200X series modules

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Product		SIM8260E
Form Factor		LGA
Dimensions(mm)		41.0*43.6*2.8
Frequency Bands	5G NSA	n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n48/n77/n78/n79
	5G SA	n1/n3/n5/n7/n8/n20/n26/n28/n38/n40/n41/n48/n77/n78/n79
	LTE-FDD	B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32
	LTE-TDD	B38/B39/B40/B41/B42/B43/B46*/B48
	WCDMA	B1/B5/B8
GNSS		GPS/GLONASS/Beidou/Galileo/QZSS
Temperature		-30℃ ~ +70℃
Electrical Features		
Supply Voltage(V)		3.3 ~ 4.4
Data Transfer		
Sub-6G SA		2.4Gbps(DL)/1Gbps(UL)
Sub-6G NSA		3.4Gbps(DL)/600Mbps(UL)
LTE		1.6Gbps(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)/GCF*/RoHS/REACH/TELEC/JATE

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

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