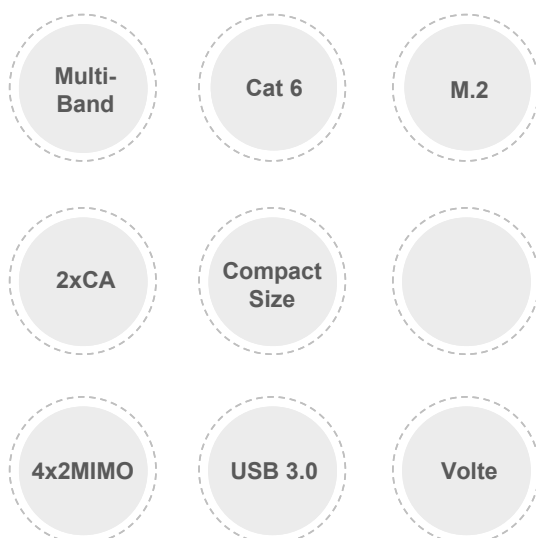
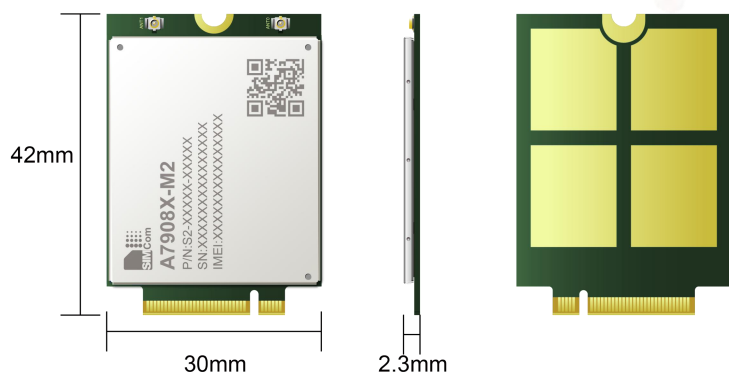


V: 2024.1

A7908E-M2

SIMCom LTE Cat 6 Module



Product Description

A7908-M2 is a Multi-Band LTE-FDD/LTE-TDD/HSPA+ module which supports Category 6 with CA and MIMO.

With a rich protocols, it is integrated with interfaces such as PCIe, USB3.0, GPIO etc. This module provides applications with great flexibility and ability of integration.

A7908-M2 adopts M2 form factor. AT commands of A7908-M2 are compatible with SIM79XX series modules. This also minimizes costs for customer and shortens time to market.

It is designed for applications that need huge data transmission in various wireless situations. Due to its high efficiency, security and flexibility, this module suits various applications.

Key Benefits

- ◆ M2 form factor with various interfaces
- ◆ Huge data transmission
- ◆ AT commands of A7908-M2 compatible with SIM79XX series modules

Product		A7908E-M2
Form Factor		M2
Dimensions(mm)		42.0*30.0*2.3
Frequency Bands	LTE-FDD	B1/B3/B5/B7/B8/B20/B28/B32
	LTE-TDD	B38/B40/B41/B42*/B43*
	WCDMA	B1/B5/B8
MIMO		4x2 MIMO
Temperature		-30°C ~ +70°C
Electrical Features		
Supply Voltage(V)		3.135 ~ 4.4
Data Transfer		
LTE		300Mbps(DL)/50Mbps(UL)
HSPA+		42Mbps (DL)/5.6Mbps(UL)
Software Features		
VSIM		•
Protocol		TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS/HTTP/HTTPS/MQTT/DNS/SSL3.0
TLS		•
File System		•
FOTA		•
Android RIL		Android 6/7/8/9/10/11/12
USB Driver		Microsoft Windows Win7/Win8/Win10/Win11/Linux/Android
MBIM		Win8/Win10/Win11
NDIS		Linux/Win7/Win8/Win10/Win11
Firmware Upgrade		USB
Interfaces		
SIM Card		1.8V/2.95V
USB		•
PCM		•
I2C		•
Diversity Receiver		•
Certifications		
Regulatory		ROHS/REACH/CE/RCM

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