

MeiG SLM828G is a series of LTE AEs, offering more accurate and more dependable positioning capabilities.

A rich set of Internet protocols, industry-standard interfaces and abundant software support (USB drivers for Windows 7/8/8.1/10, Linux, Android) extend the application of SLM828G to a wide range of M2M and IoT applications such as 4G router, CPE, wireless terminal, laptop, consumer laptop, industrial PDA, rugged tablet PC and video surveillance.

MeiG eSL828G

■ SLM828G has a maximum downlink rate of 600Mbps and a maximum upstream rate of 150Mbps.

■ Qualcomm® IZat™ Gen 8C engine, Support GPS/GLONASS/BeiDou/Galileo

■ Support Voice Codec (HR/FR/EFR/AMR/AMR-WB)M Support SR-LTE/CSFB/VOLTE (optional)

■ USB2.0/USB3.0 High Speed Interface



LTE-A



PCM



ADC



MIMO



Wi-Fi



GNSS



UART

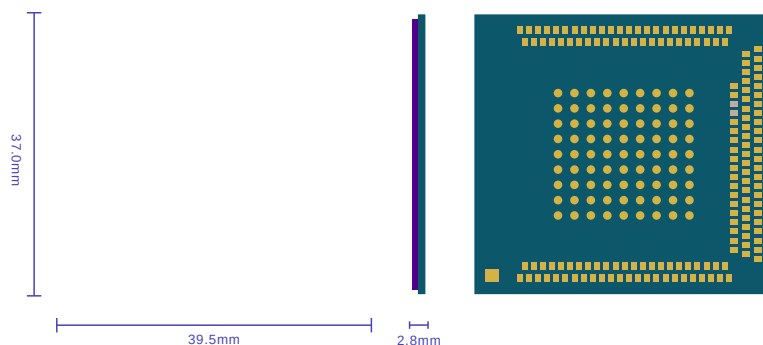


VoLTE

MerTGEA dvnG Ecf t gt T

IoT/M2M-optimized LTE-A LGA Module

MEIG



Features:

- SIM Card: 1.8V/2.85V
- USB 3.0/2.0
- UART
- GPIO
- PCIe
- I2C
- PCM/I2S
- ADC
- SDIO
- SPI
- Antenna: Main/Div/GNSS/MIMO

OS Support:

- Linux/ Android/Windows

Operating Temperature:

- Normal Operation: -30~+75°C
- Extended operation: -40~+85°C
- Storage Temperature: -40~+90°C



Ec f t qt TG dn,3Gh0812:

Model		SLM828G-EU-06XX	SLM828G-LA-06XX	SLM828G-NA-06XX
Category		6	6	6
LTE	LTE-FDD	B1/3/5/7/8/20/28/32	B2/4/5/7/8/20/28/66	B2/B4/B5/B7/B12/B13/B17/B25/B26/B66/B71
	LTE-TDD	B38/39/40/41/42/43	B38/39/40/41/42/43/48	B41
	DL 2CA	B1+B1/B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42; B3+B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42; B5+B5/B7/B38/B40/B41/B42; B7+B7/B8/B20/B28/B32; B8+B32/B38/B39/B40/B41/B42; B20+B32/B38/B40/B42; B28+B32/B38/B40/B41/B42; B38+B38; B39+B39/B41; B40+B40/B42; B41+B41/B42; B42+B42	B2+B2/B4/B5/B7/B28/B66; B4+B4/B5/B7/B28; B5+B5/B7/B38/B40/41/48/66; B7+B7/B8/B20/B28/B42/B66; B8+B38/B39/B40/B41/B42; B20+B38/B40/B42; B28A+B38/B40/B41/B42; B38+B38; B39+B39/B41; B40+B40/B42; B41+B41/B42; B42+B42; B66+B66	B2+B2/B4/B5/B7/B12/B13/B66/71; B4+B4/B5/B7/B12/B13/71; B5+B5/B7/25/41/66; B12+B12/B25/B66; B13+B66; B25+B25/B26/B41; B26+B41; B41+B41; B66+B66/B71
4*4 MIMO		B1/B3/B7/38/39/B40/B41/B42/B43	B2/4/7/66/38/40/41/42/43	B2/4/7/66/41
WCDMA		B1/3/5	B2/4/5	B2/4/5
GSM		No support	No support	No support
GNSS		GPS/GLONASS/BeiDou/Galileo/QZSS	GPS/GLONASS/BeiDou/Galileo/QZSS	GPS/GLONASS/BeiDou/Galileo/QZSS

 The following information is for informational purposes only and is not intended to be used as a substitute for professional advice.

Model		SLM828G-EU-12XX	SLM828G-LA-12XX	SLM828G-NA-12XX
Category		12	12	12
LTE	LTE-FDD	B1/3/5/7/8/20/28/32	B2/4/5/7/8/20/28/66	B2/B4/B5/B7/B12/B13/B17/B25/B26/B66/B71
	LTE-TDD	B38/39/40/41/42/43	B38/39/40/41/42/43/48	B41
	DL 3CA	B1+B1+B3/B5/B7/B28/B41; B1+B3+B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42; B1+B5+B7/B38/B40; B1+B7+B7/B8/B20/B28/B42; B1+B8+B40; B1+B20+B32/B42; B1+B28+B42; B1+B40+B40; B1+B41+B41/B42; B1+B42+B42; B3+B3+B5/B7/B8/B20/B28/B41; B3+B5+B7/38/40; B3+B7+B7/B8/B20/B28/B32/B42; B3+B8+B38/B40; B3+B20+B32/B38/B42; B3+B28+B38/B40/B41/B42; B3+B40+B40; B3+B41+B41/B42; B5+B7+B7; B5+B40+B40; B7+B7+B8/B20/B28; B7+B20+B32+B42; B8+B39+B39; B8+B40+B40; B8+B41+B41; B8+B42+B42; B20+B38+B38; B20+B40+B40; B28+B40+B40; B28+B41+B41/B42; B39+B41+B41; B40+B40+B40/B42; B41+B41+B41; B42+B42+B42.	B2+B2+B4/B5/B66; B2+B4+B4/B5/B7/28; B2+B5+B5/B48/B66; B2+B7+B7/B66; B2+B66+B66; B4+B4+B5/B7; B4+B5+B5; B4+B7+B7; B5+B5+B66; B5+B7+B7; B5+B40+B40; B5+B48+B48; B5+B66+B66; B8+B39+B39; B8+B40+B40; B8+B41+B41; B8+B42+B42; B20+B38+B38; B20+B40+B40; B28+B40+B40; B28+B41+B41/42; B28+B42+B42; B39+B39+B41; B39+B41+B41; B40+B40+B40/B42; B40+B42+B42; B41+B41+B41/B42; B41+B42+B42; B42+B42+B42; B66+B66+B66.	B2+B2+B4/B5/B12/B13/B66/B71; B2+B4+B4/B7/B12/B13/B71; B2+B5+B12/66; B2+B7+B7/B12/B66; B2+B12+B12/66; B2+B13+B66; B2+B66+B66/B71; B4+B4+B5/B7/B12/B13/71; B4+B7+B7/B12; B4+B12+B12; B5+B5+B66; B5+B7+B7; B7+B66+B66; B12+B66+B66; B13+B66+B66; B25+B25+B26/B41; B25+B26+B41; B26+B41+B41; B41+B41+B41; B66+B66+B66/B71.
	DL 2CA	B1+B1/B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42; B3+B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42; B5+B5/B7/B38/B40/B41/B42; B7+B7/B8/B20/B28/B32; B8+B32/B38/B39/B40/B41/B42; B20+B32/B38/B40/B42; B28+B32/B38/B40/B41/B42; B38+B38; B39+B39/B41; B40+B40/B42; B41+B41/B42; B42+B42.	B2+B2/B4/B5/B7/B28/B66; B4+B4/B5/B7/B28; B5+B5/B7/B38/B40/41/48/B66; B7+B7/B8/B20/B28/B42/B66; B8+B38/B39/B40/B41/B42; B20+B38/B40/B42; B28A+B38/B40/B41/B42; B38+B38; B39+B39/B41; B40+B40/B42; B41+B41/B42; B42+B42; B66+B66.	B2+B2/B4/B5/B7/B12/B13/B66/71; B4+B4/B5/B7/B12/B13/71; B5+B5/B7/25/41/66; B12+B12/B25/B66; B13+B66; B25+B25/B26/B41; B26+B41; B41+B41; B66+B66/B71.
	UL 2CA	CA_3C/5B/7C/38C/40C/41C/42C	CA_38C/40C/41C/42C	41C
	4*4 MIMO		B1/B3/B7/38/39/B40/B41/B42/B43	B2/4/7/66/38/40/41/42/43
WCDMA		B1/3/5	B2/4/5	B2/4/5
GSM		No support	No support	No support
GNSS		GPS/GLONASS/BeiDou/Galileo/QZSS	GPS/GLONASS/BeiDou/Galileo/QZSS	GPS/GLONASS/BeiDou/Galileo/QZSS

