

5G



MEIG

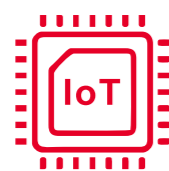
Stock Code:002881

5G+AI+IoT

5G, AI and IoT technology will lead the technology of future intelligent world, MeIG will focus on 5G, AI and IoT.

MeiG IoT R&D Team, More than 1000 Engineers

MeiG will insist the IoT R&D team building, along with Shenzhen, Shanghai, Xi'an R&D branch, MeiG will move forward as a R&D driven company



Application Fields

Vehicle terminals, mobile payment, new retail terminal, internet of vehicles, security monitoring, FWA, consumer electronics, AI, smart home, smart grid, smart meters, tracking, automatic driving, etc.

Product Sales Area

Focusing domestic and overseas market equally, MeiG successfully provide IoT hardware, software, solutions and platform services to customers from more than 20 countries and regions, which contributes a global leading IoT market share.



MeiG Smart Wireless Solutions

MeiG Smart Technology Co.,Ltd

Add : 32/F, Building B, Shenzhen International Innovation Center, No.1006 Shennan Avenue, Futian District, Shenzhen, China

Tel : +86-755-83218588

Fax : +86-755-83219788

E-mail : sales_os@meigsmart.com

Http : //www.meigsmart.com

This catalogue was published in December 2020. Pictures listed are for reference only and later updates will not be notified. We reserve all the right for final interpretation.

MeiG Smart Technology Co.,Ltd

A Global Leading Supplier of Cellular Modules and Solutions

www.meigsmart.com

A Global Leading Supplier of Cellular Modules and Solutions

Company Profile

R&D Driven

- 1000+R&D teams
- 200+patents
- 5G sub-6G&mmWave

Delivery

- SMT:3KK/month
- Assembly:1KK/month
- 1 self-owned factory
- 2 EMS factories

Developing Momentum

- IoT business growth>50%
- Team growth rate: 30%
- R&D investment accounts for 20%

Global Market Layout

- Strategic cooperation among mainstream carriers
- Global sales service system
- Products cover global frequency bands and certification
- Over 1000 cooperative customers



Operation Principle

Integrity

Responsibility

Innovation

Sharing

MeiG Smart Technology Co., Ltd. (Stock Code 002881) was established in 2007, headquartered in Shenzhen, Guangdong Province. As a world-class provider of IoT terminals and wireless data solutions, MeiG works hard to be an R&D-driven enterprise, and has a team of nearly 1,000 employed in Shenzhen, Shanghai and Xi'an R&D centers.

Based on advanced 4G&5G wireless communication technology and IoT industry, MeiG Smart focuses on providing standardized and intelligent communication modules, IoT solutions, technology development service and systematic solutions for cloud platform with MeiGLink brand at the core for global customers. MeiG is taking the lead in many IoT core applications, and has IoT customers spreading over 100 countries and regions around the world.

Adhering to the business philosophy of "integrity, responsibility, innovation and sharing", MeiG Smart will continue to rely on forward-looking wireless communication technology and high-quality smart IoT products to create value for global customers. Facing a future world of intelligent connectivity, MeiG will focus on such core technologies as 5G, IoT, and AI to make continuous progress as a leading enterprise in the IoT industry.



Shenzhen Headquarters/R&D Center

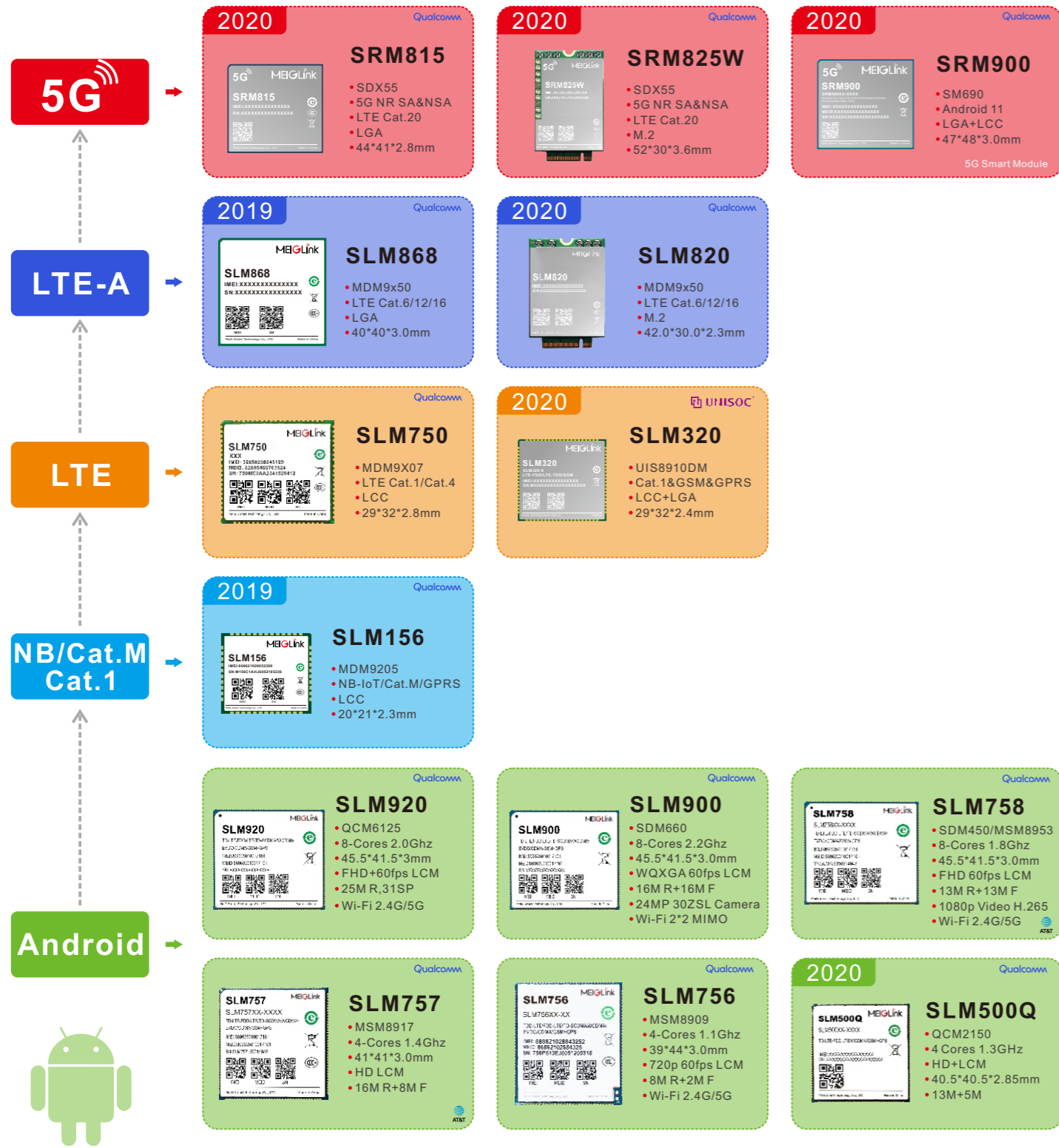


Shanghai R&D Center



Xi'an R&D Center

MODULE PORTFOLIO



MeiG Smart LTE 5G Module Series



Product	SRM815	SRM825W
Product Picture		
Package	LGA:392-Pin,Support M.2 And Mini PCIe Transfer	M.2:75-Pin
Dimension(mm)	44.0x41.0x2.8(LGA)/56.0x43.0x3.65(M.2)/51.0x49.0x5.6(Mini PCIe)	52.0x30.0x3.6
Network Mode	Support SA and NSA mode	
Band(MHz)	-EA Region:EMEA, China, Korea, Australia 5G NR Sub-6G:N1/N3/N28/N40/N41/N77/N78/N79 LTE-FDD:B1/B3/B5/B7/B8/B18/B19/B20/B28/B32* LTE-TDD:B34/B38/B39/B40/B41/B42 WCDMA:B1/B3/B5/B8	-KR Region:Korea 5G NR:N78/N257 LTE-FDD:B1/B3/B5/B7/B8/B28 WCDMA:B1
	-NA*	Region:North America, South America 5G NR:N2/N5/N12/N25/N41/N48/N66/N71/N78/N258/N260/N261 LTE-FDD:B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B29/B30/B66/B71 LTE-TDD:B41/B42/B43/B48 WCDMA:B2/B4/B5
	-EU	Region:Europe,Australia 5G NR:N1/N3/N5/N7/N8/N20/N28/N38/N40/N78/N257/N258 LTE-FDD:B1/B3/B5/B7/B8/B20/B28/B32 LTE-TDD:B38/B40/B46 WCDMA:B1/B3/B5/B8
Weight	<12g	
Working Temperature	Normal operating temperature: -30°C ~ +75°C Extended operating temperature: -40°C ~ +85°C	
Data Transmission	5G NR Speed -Downlink up to 2.1Gbps(100MHz) -Uplink up to 900Mbps LTE Speed(Mbps) Downlink up to 2Gbps Uplink up to 200Mbps DC-HSPA +Speed(Mbps) 42.4Mbps(DL)/5.76Mbps(UL) WCDMA Speed(Kbps) 384Kbps(DL)/384Kbps(UL)	
Interface	SIM 1.8V/3V UART • USB USB 3.1 I2C • Voice Simulation Optional PCM Voice • ADC • GPIO • Antenna ANT_PRI/ANT_DIV/ANT_MIMO/GPS_ANT (A total of 9)	
Special Function	DTMF • TTS * TCP/IP • FTP * HTTP * RIL Driver Android 7.0 above NDIS Windows 7/8/10 ECM * Gobinet Linux 2.6 or later GNSS Optional Firmware Update USB/*FOTA	
Electrical Parameter	Supply Voltage 3.3~4.2V, typ.3.8V	
Certifications	CE*/FCC*/RoHS/REACH/CCC/CTA/SRRC	
Recommended Applications	Application Fields It can be widely used in CPE home gateway, TV, AR/VR, industrial router, set-top box, carrier terminal, video surveillance, industrial interconnection and other fields.	

• Support — No Support * In Development

MeiG Smart LTE Module Series

Product	SLM750/SLM750 Mini PCIe		SLM320/SLM320 Mini PCIe		
Product Picture					
Package	LCC : 80pin+other 64pin(SLM750)/52pin(SLM750 Mini PCIe)		LCC : 80pin+other 64pin(SLM320)/52pin(SLM320 Mini PCIe)		
Dimension(mm)	32.0x29.0x2.8(SLM750)/51.0x30.0x4.8(SLM750 Mini PCIe)		29.0x32.0x2.8(SLM320)/51.0x30.0x4.8(SLM320 Mini PCIe)		
Band(MHz)	-C	LTE-FDD:B1/B3/B5/B8/B28(Optional) LTE-TDD:B38/B39/B40/B41 TD-SCDMA:B34/B39	WCDMA:B1/B8 EVDO&CDMA:BC0 GSM:900/1800	-C	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B38/B39/B40/B41 GSM:B3/B5/B8
	-E	LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B40	WCDMA:B1/B5/B8 GSM:850/900/1800/1900	-E	LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 GSM:B2/B3/B5/B8
	-A	LTE-FDD:B2/B4/B5/B12/B13/B17/B25/26 LTE-TDD:B41 CDMA&EVDO:BC0/BC1	WCDMA:B2/B4/B5 GSM:850/1900	-E	LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 GSM:B2/B3/B5/B8
	-SA	LTE-FDD: B2/B4/B5/B7/B8/B28 LTE-TDD: B40	WCDMA: B2/B5/B8 GSM: 850/900/1800/1900	-LA*	LTE-FDD: B1/B3/B5/B7/B8/B28 LTE-TDD: B40
	-AU	LTE-FDD: B1/B3/B5/B7/B8/B28 LTE-TDD: B40 CDMA&EVDO: BC0/BC1	WCDMA: B2/B4/B5 GSM: 850/1900		
	-J	LTE-FDD: B1/B3/B8/B18/B19/B26 LTE-TDD: B41	WCDMA: B1/B6/B8/B19		
Weight	<5g(SLM750)/<11.5g(SLM750 Mini PCIe)		<5g		
Working Temperature	-40°C~+85°C		-30°C~75°C		
Data Transmission					
LTE Speed(Mbps)	LTE-FDD:150(DL)/50(UL) LTE-TDD:130(DL)/35(UL)	LTE-FDD (Non-CA Cat.1): Max 10Mbps(DL)/5Mbps(UL) LTE-TDD (Non-CA Cat.1): Max 8Mbps(DL)/2Mbps(UL)	LTE-FDD (Non-CA Cat.1): Max 10Mbps(DL)/5Mbps(UL) LTE-TDD (Non-CA Cat.1): Max 8Mbps(DL)/2Mbps(UL)		
DC-HSPA +Speed(Mbps)	42(DL)/5.76(UL)				
WCDMA Speed(Kbps)	384(DL)/384(UL)				
TD-SCDMA Speed(Mbps)	4.2(DL)/2.2(UL)				
EVDO RevB Speed(Mbps)	14.7(DL)/5.4(UL)				
EVDO RevASpeed(Mbps)	3.1(DL)/1.8(UL)				
CDMA 1X Speed(Kbps)	153.6(DL)/153.6(UL)				
EDGE Speed(Kbps)	236.8(DL)/236.8(UL)				
GPRS Speed(Kbps)	85.6(DL)/85.6(UL)				
CSD					
Interface					
SIM	1.8V/3V		1.8V/3V		
UART			3xUART		
USB					
I2C					
Voice Simulation	Optional		Optional		
PCM Voice					
ADC					
GPIO					
Antenna	ANT_PRI/ANT_DIV(Optional)/GPS_ANT(Optional)		Main antenna, BT/Wi-Fi antenna		
Special Function					
DTMF					
TTS					
TCP/IP					
FTP					
HTTP					
RIL Driver	Android 4.2/4.4/5.0/5.1/6.0/7.1/8.0				
NDIS	Windows XP/Vista/7/8/10				
ECM					
Gobinet	Linux 2.6 or later				
GNSS	Optional		GPS (Optional)		
Firmware Update	USB/*FOTA		*FOTA		
Electrical Parameter					
Supply Voltage	3.3~4.2V, typ.3.8V		3.5V~4.2V, Typ3.8V		
Dormancy Power Consumption	<2mA		2mA		
Shutdown Leakage Current	100µA		10uA		
Certifications					
Certifications	CE/FCC/ROHS/REACH/PTCRB/GCF/RCM/TELEC/NCC/JATE/KC/CCC/CTA/SRRC		*CE/*CCC/*CTA/*SRRC		
Recommended Applications					
Application Fields	Mobile Broadband, Industrial Routing, Automotive and Transportation, Green Energy, Wireless Payment, Smart Metering, Personal Tracking, Car-mounted DVR, Smart Industry, Medical Surveillance, Charging Pile, Video Surveillance etc.				

• Support — No Support * In Development

MeiG Smart LTE Module Series

Product	SLM868/SLM868 Mini PCIe		SLM820	
Product Picture				
Package	311 pin LGA(SLM868)/52 pin Mini PCIe(SLM868 Mini PCIe)		M.2	
Dimension(mm)	40.0x40.0x3.0(SLM868)/42.0x51.0x6.1(SLM868 Mini PCIe)		42.0x30.0x2.3	
Band(MHz)	-LA	LTE-FDD:B2/B4/B5/B7/B12/B13/B17/B25/B26/B66 LTE-TDD:B41	WCDMA: B2/B4/B5 GSM: 850/1900	LTE-FDD Band: B1/B3/B5/B7/B8/B20/B28/B66 TDD-LTE Band: B38/B40/B41 WCDMA Band: B1/B5/B8
	-LSA	LTE-FDD: B2/B4/B5/B7/B8/B20/B28 WCDMA: B2/B4/B5/B8	GSM: 850/900/1900	
	-LE	LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B38/B40/B41	WCDMA: B1/B3/B5/B8 GSM: 850/900/1800	
	-LAPAC	LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B26 LTE-TDD: B38/B39/B40/B41	WCDMA: B1/B3/B5/B6/B8/B9/B19 GSM: 850/900/1800	
	-H	LTE-FDD: B1/B2/B39/B3/B4/B5/B7/B8/B12/ B13(B28/B71)/B17/B18/B19/B20/B26/B66 LTE-TDD: B38/B39/B40/B41/B42/B43	WCDMA: B1/B2/B3/B4/B5/B6/B8/B9/B19 GSM: 850/900/1800/1900	
Weight	<15g(SLM868)/<18g(SLM868 Mini PCIe)		<8g	
Working Temperature	-40°C~+85°C		-30°C~75°C	
Data Transmission				
LTE Speed(Mbps)	LTE (Cat.16): Max 1Gbps(DL)/50Mbps(UL)/LTE (Cat.12): Max 600Mbps(DL)/50Mbps(UL)/LTE (Cat.6): Max 300Mbps(DL)/50Mbps(UL)		LTE-FDD up to 1Gbps DL, 100 Mbps UL Support Cat.16/Cat.12/Cat.6	
DC-HSPA +Speed(Mbps)	Max 42Mbps(DL)/5.76Mbps(UL)			
WCDMA Speed(Kbps)	Max 384kbps(DL)/384kbps(UL)			
TD-SCDMA Speed(Mbps)	Max 4.2Mbps(DL)/2.2Mbps(UL)			
EVDO RevB Speed(Mbps)	—			
EVDO RevASpeed(Mbps)	Max 3.1Mbps(DL)/1.8Mbps(UL)			
CDMA 1X Speed(Kbps)	Max 307.2Kbps (DL/UL)			
EDGE Speed(Kbps)	Max 296Kbps kbps(DL)/236.8kbps(UL)			
GPRS Speed(Kbps)	Max 107 kbps(DL)/85.6kbps(UL)			
CSD				
Interface				
SIM	1.8V/3V		1.8V/3V	
UART			3xUART	
USB				
I2C				
Voice Simulation	Optional		Optional	
PCM Voice				
ADC				
GPIO				
Antenna	ANT_PRI/ANT_DIV/GPS_ANT		Main antenna, diversity antenna and GPS antenna	
Special Function				
DTMF				
TTS				
TCP/IP				
FTP				
HTTP				
RIL Driver				
NDIS				
ECM				
Gobinet				
GNSS	GPS/GLONASS		GPS (Optional)	
Firmware Update	USB/*FOTA		*FOTA	
Electrical Parameter				
Supply Voltage	3.3V~4.2V, Typ. 3.6V		3.5V~4.2V, Typ3.8V	
Dormancy Power Consumption	<5mA		5mA	
Shutdown Leakage Current	50µA		60uA	
Certifications				
Certifications	CE/FCC/ROHS/REACH/CCC/CTA/SRRC		*CE	
Recommended Applications				
Application Fields	Mobile Broadband, Industrial Routing, Automotive and Transportation, Green Energy, Wireless Payment, Smart Metering, Personal Tracking, Car-mounted DVR, Smart Industry, Medical Surveillance, Charging Pile, Video Surveillance etc.			

• Support — No Support * In Development

MeiG Smart 5G SoC Module



Product	SRM900
Product Picture	
OS	Android 11
CPU	Octa-core
Memory	64+4/6+128(GB)
Band(MHz)	-C 5G:N41/N78/N79/N1 NSA/SA EN-DC:B3 or B39+N79 B3 or B39+N41 B5 or 8 or 1 or B3+N78 LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B5/B8 TD-SCDMA:B34/B39
Package	LGA:392-Pin
Dimension(mm)	47.0x48.0x3.0
5G	5G
Supply Voltage	3.5V~4.2V, typ.3.8V
Working Temperature	-25°C~+75°C
Storage Temperature	-40°C~+85°C
Data Transmission	
LTE Speed(Mbps)	Max 150(DL)/50(UL)
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)
EDGE Speed(Kbps)	•
GPRS Speed(Kbps)	•
SMS	•
CSD	•
Special Function	
Firmware Upgrade	Upgrade through USB interface
VoLTE	•
WLAN	2.4G&5G, 802.11 a/b/g/n/ac, WiFi 6 ready
BT	BT2.1+EDR/3.0/4.2LE/5.x BLE
FM	—
GNSS	GPS/Beidou/Glonass/Galileo
Interface	
Display	1*4 lanes MIPI_DSL, Support DisplayPort, FHD+:1080*2520@60fps
Camera	MIPI_CSI, 3*1SP, 1*1SP-lite, 16+16+16 MP ZSL, 32MP, 30 ZSL with dual ISP
Video	Encode:4K30 8-bit; H.265 Decode:4K30 10-bit; H.265, VP9 4K30 playback + 1080p30 encode
Audio	MP3, AAC, eAAC, ARM-NB, AMR-WB, G.711, Windows Media Audio(WMA)9/10 Pro
Hardware Interface	USB 3.1 *1, Support OTG
	Uart *3
	I2C*5
	SPI*2
	ADC*2
	GPIO*19
	SIM Card *2
	SDIO*1
Antenna	5G/4G antenna *4, GNSS antenna *1, Wi-Fi/BT antenna *2
Certifications	
Certifications	CCC/CTA*
Recommended Applications	
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.

• Support — No Support * In Development

MeiG Smart 4G SoC Module

Product	SLM500Q	SLM756	SLM757Q
Product Picture			
OS	Android 10.0	Android 5.1/7.1	Android 7.1
CPU	Quad-core	Quad-core	Quad-core
Memory	8+1/16+2/32+3(GB)	8+1/16+2(GB)	8+1/16+2(GB)
Band(MHz)	-QC (China) LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8 TD-SCDMA:B34/B39 EVD/CDMA:BC0 GSM:900/1800 -QE (Eurasia) LTE-FDD:B1/B3/B5/B7/B8/B28A LTE-TDD:B38/B39/B40/B41 WCDMA:B1/B2/B5/B8 TD-SCDMA:B34/B39 GSM:850/900/1800/1900 -QA (North America) LTE-FDD:B2/B4/B5/B7/B12/B13/B17/B14/B25/B28/B66 LTE-TDD:B41 WCDMA:B1/B2/B4/B5 GSM:850/1900 -QA (Japan) LTE-FDD:B1/B3/B8/B18/B19/B26 LTE-TDD:B41 WCDMA:B1/B6/B8/B19	-NA (North America) LTE-FDD:B2/B4/B5/B7/B12/B13/B17 WCDMA:B2/B4/B5 -CH (China) LTE-FDD:B1/B3/B5/B8 LTE-TDD:B38/B39/B40/B41 WCDMA:B1/B5/B8 TD-SCDMA:B34/B39 CDMA1X/EVDO:BC0GSM:850/900/1800 -EU (Eurasia) LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM:850/900/1800 -LA (Latin America) LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B40 WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900	-QA LTE-FDD:B2/B4/B5/B12B13/B17/B28 WCDMA:B2/B4/B5 -QC LTE-FDD:B1/B3/B5/B8 LTE-TDD:B38/B39/B40/B41 TD-SCDMA:B34/B39 WCDMA:B1/B5/B8 EVD/CDMA:BC0 GSM:850/900/1800/1900 -QE LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM:850/900/1800
Package	LCC 146pin+LGA 128pin	LCC 130pin+LGA 12pin (GND)	LCC 146pin+LGA 92pin
Dimension(mm)	40.5X40.5X2.85	39.0X44.0X3.0	41.0X41.0X3.0
4G	LTE Cat4	LTE Cat4	LTE Cat4
Supply Voltage	3.5V~4.2V , typ.3.8V	3.5V~4.2V , typ.3.8V	3.5V~4.2V , typ.3.8V
Working Temperature	-25°C~+75°C	-25°C~+75°C	-25°C~+75°C
Storage Temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C
Data Transmission			
LTE Speed(Mbps)	Max 150(DL)/50(UL)	Max 150(DL)/50(UL)	Max 150(DL)/50(UL)
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)	Max 42(DL)/Max 11(UL)	Max 42(DL)/Max 11(UL)
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)
EDGE Speed(Kbps)	Max 236.8(DL)/Max 236.8(UL)	Max 236.8(DL)/Max 236.8(UL)	Max 236.8(DL)/Max 236.8(UL)
GPRS Speed(Kbps)	Max 86.5(DL)/Max 86.5(UL)	Max 86.5(DL)/Max 86.5(UL)	Max 86.5(DL)/Max 86.5(UL)
SMS	•	•	•
CSD	•	•	•
Special Function			
Firmware Upgrade	Upgrade through USB interface	Upgrade through USB interface	Upgrade through USB interface
VoLTE	•	•	•
WLAN	2.4G&5G, 802.11 a/b/g/n/ac*	2.4G&5G*Wi-Fi, 802.11a*/b/g/n	2.4G, 802.11 b/g/n 11a/n 5G Wi-Fi*
BT	BT2.1+EDR/3.0/4.2LE	BT2.1+EDR/3.0/4.1LE	BT2.1+EDR/3.0/4.2LE
FM	—	•	•
GNSS	GPS/Beidou/Glonass/Galileo	GPS/Beidou/Glonass	GPS/Beidou/Glonass
Interface			
Display	1*4 lanes MIPI_DSL, HD(720P):1440*720@60fps	4 lanes MIPI_DSI, HD(720P):1280*720@60fps	4 lanes MIPI_DSI, HD:1280*800 60fps;
Camera	MIPI_CSI, support two cameras 4-lane MIPI_CSI for rear camera, up to 13MP 2-lane MIPI_CSI for front camera, up to 5MP	MIPI_CSI, support two cameras 2-lane MIPI_CSI for rear camera, up to 8MPs 1-lane MIPI_CSI for front camera, up to 2MP	MIPI_CSI, support two cameras 4-lane MIPI_CSI for rear camera, up to 16MPs 4-lane MIPI_CSI for front camera, up to 8MP
Video	Decode:1080p 30fps;HEVC/H264/MP4/ DivX/VP8 WVGA 30fps;H.263 Encode:720p 30fps;HEVC/H264/MP4/ DivX/VP8 WVGA 30fps;H.263	Decode:1080p 30fps;HEVC/H264/MP4/ DivX/VP8 WVGA 30fps;H.263 Encode:720p 30fps; HEVC/H264/MP4/ DivX/VP8 WVGA 30fps;H.263	Decode:1080P 30fps;H264/MP4/WMV9/ VC1/DivX/VP8 HEVC(H.265)720P 30fps in SW Encode:1080P 30fps;H264/H263/MP4/VP8
Audio	Mp3, AAC+, eAAC, AMR-NB, -WB, G.711, WMA 9/10 Pro	MP3, AAC, AAC+, eAAC, AMR-NB, -WB, G.711, WMA 9/10 Pro	Mp3, AAC, He-AAC v1, v2, WMA 9/Pro, Dolby AC-3, eAC-3, DTS-HD M6, DTS-HD M8.
Hardware Interface	USB 1 , Support OTG	USB 1 , Support OTG	USB 1 , Support OTG
	Uart *3	Uart *2	Uart *3
	I2C*5	I2C *4	I2C*6 (6 groups of BLSP available)
	SPI*1	SPI *1	SPI (6 groups of BLSP available)
	ADC*1	ADC *2	ADC *2
	GPIO*40	GPIO *24	GPIO *53
	SIM Card *2	SIM Card *2	SIM Card *2
	SDIO *1	SDIO *1	SDIO *1
Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna
Certifications			
Certifications	CCC/CE*/FCC*/CTA*/PTCRB*/AT&T*	CCC/CE/FCC/CTA*/PTCRB*/AT&T*	CCC/IC/FCC/PTCRB/CE/CTA*/AT&T
Recommended Applications			
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.

• Support — No Support * In Development

MeiG Smart 4G SoC Module

Product	SLM758	SLM900	SLM920
Product Picture			
OS	Android 7.1/9.0/10.0	Android 9.0/10.0	Android 11
CPU	Octa-core	Octa-core	Octa-core
Memory	16+2/32+3/64+4(GB)	32+3/64+4(GB)	32+3/64+4/6+128(GB)
Band(MHz)	-A LTE-FDD:B2/B4/B5/B12/B13/B17/B28 WCDMA:B2/B4/B5 -B LTE-FDD:B1/B3/B5/B7/B8/28A/28B LTE-TDD:B38 WCDMA:B1/B3/B5/B8 GSM:850/900/1800 -C LTE-FDD:B1/B3/B5/B8 LTE-TDD:B38/B39/B40/B41 TD-SCDMA:B3/B39 WCDMA:B1/B5/B8 EVDO:CDMA:BC0 GSM:850/900/1800 -E LTE-FDD:B1/B3/B5/B7/B8/20 LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM:850/900/1800 -J LTE-FDD:B1/B3/B8/B9/B19/B26/B28 WCDMA:B1/B8/B9/B19	-NA (North America)* LTE-FDD:B2/B4/B5/B7/B12/B13/B17 WCDMA:B2/B4/B5 -CH (China) LTE-FDD:B1/B3 LTE-TDD:B38/B39/B40/B41 TD-SCDMA:B3/B39 WCDMA:B1/B5 GSM:850/900/1800 -EU (Eurasia, Middle East) LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM:850/900/1800 -LA Latin America * Australia * Taiwan * LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B40 WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900	-C (China) LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8 TD-SCDMA: B34/B39 EVDO:CDMA:BC0 GSM:900/1800 -E (Eurasia) LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B38/B40/B41 WCDMA: B1/B2/B5/B8 TD-SCDMA: B34/B39 GSM:850/900/1800/1900
Package	LCC 160pin+LGA 112pin	LGA+LCC	LCC 160pin+LGA 112pin
Dimension(mm)	41.0X45.5X3.0	41.0X45.5X3.0	41.0X45.5X3.0
4G	LTE Cat.4	LTE Cat.6	LTE Cat.6
Supply Voltage	3.5V~4.2V , typ.3.8V	3.5V~4.2V , typ.3.8V	3.5V~4.2V , typ.3.8V
Working Temperature	-25°C~+75°C	-25°C~+75°C	-25°C~+75°C
Storage Temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C
Data Transmission			
LTE Speed(Mbps)	Max 150(DL)/50(UL)	Max 300(DL)/50(UL)	Max 300(DL)/50(UL)
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)	Max 42(DL)/Max 11(UL)	Max 42(DL)/Max 11(UL)
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)
EDGE Speed(Kbps)	Max 236.8(DL)/Max 236.8(UL)	Max 236.8(DL)/Max 236.8(UL)	Max 236.8(DL)/Max 236.8(UL)
GPRS Speed(Kbps)	Max 86.5(DL)/Max 86.5(UL)	Max 86.5(DL)/Max 86.5(UL)	Max 86.5(DL)/Max 86.5(UL)
SMS	•	•	•
CSD	•	•	•
Special Function			
Firmware Upgrade	Upgrade through USB interface	Upgrade through USB interface	Upgrade through USB interface
VoLTE	•	•	•
WLAN	2.4G&5G,802.11 a/b/g/n ; compatible with 11ac	2.4G&5G,802.11 a/b/g/n/ac	2.4G&5G,802.11 a/b/g/n/ac
BT	BT2.1+EDR/3.0/4.2LE	BT2.1+EDR/3.0/4.1LE/5.X	BT2.1+EDR/3.0/4.2LE/5.x BLE
FM	—	•	—
GNSS	GPS/Beidou/Glonass/Galileo	GPS/Beidou/Glonass/Galileo/QZSS	GPS/Beidou/Glonass
Interface			
Display	Support Two LCMs:4 lanes MIPI_DSI FULL HD:1920*1200 60fps;	Support Two LCMs:4 lanes MIPI_DSL 2560*1600 60fps(WQSGA)	1*4 lanes MIPI_DSL,Support DisplayPort, FHD+ 1080*2520@60fps
Camera	MIPI_CSI,support three cameras Double ISP up to 13MP 4-lane MIPI_CSI for rear camera,up to 24MPs 4-lane MIPI_CSI for front camera,up to13MP	MIPI_CSI,support three cameras Double ISP up to 16MP 4-lane MIPI_CSI for rear camera,up to 24MPs 4-lane MIPI_CSI for front camera,up to16MP	MIPI_CSI,2*ISP 14bit, 16+16 MP, and 25 MP @30fps ZSL 25MP 30 ZSL with a dual ISP 16MP 30 ZSL with a single ISP
Video	Decode:4K 30fps,1080p 60fps,H.264/H.265 MP4/WMV9/VC1/DivX/VP8/VP9 Encode:4K 30fps,1080p 60fps,H.264/H.265 MP4/VP8 1080p 60fps De+1080p 30fps En	Decode:4K 30fps,1080p 60fps,H.264/H.265 MP4/WMV9/VC1/DivX/VP8/VP9 Encode:4K 30fps,1080p 60fps,H.264/H.265 MP4/VP8 1080p 60fps De+1080p 30fps En	Decode:4K 30fps 8bit H.264/VP8; 4K 30fps 10-bit HEVC,VP9 1080p@60fps,MPEG-2 Encode:4K 30fps,10-bit HEVC and 4K30 H.264/VP8
Audio	Mp3; aacPlus, eAAC; AMR-NB, AMR-WB, G.711, Windows Media Audio(WMA) 9/10 Pro USB*1 , Support OTG	Mp3; aacPlus, eAAC; AMR-NB, AMR-WB, G.711, Windows Media Audio(WMA) 9/10 Pro USB*2 , Support OTG	Mp3;AAC+,eAAC;AMR-NB,-WB,G.711,WMA 9/10 Pro USB 3.1*1, Support OTG
Hardware Interface	Uart *4 I2C*8 (8 groups of BLSP available) SPI (8 groups of BLSP available) ADC *2 GPIO *50 SIM Card *2 SDIO *1	Uart *2 I2C *4 SPI *1 ADC *2 GPIO *17 SIM Card *2 SDIO *1	Uart*3 I2C*5 SPI*2 ADC*2 GPIO*19 SIM Card *2 SDIO*1
Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna
Certifications	CCC/IC*/FCC*/PTCRB*/CE/GCF/VZ*/CTA/AT&T*	CCC*/CE*/FCC*/CTA*/PTCRB*	CCC*/CE*/CTA*
Recommended Applications			
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.		

• Support — No Support * In Development

MeiG Smart NB-IoT/Cat M Module Series

Product	SLM156
Product Picture	
Package	LCC (80 pin)
Dimension(mm)	20.0x21.0x2.3
Band (MHz)	NB-IoT (Class 5) : B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66/B71/B85 Cat M(Class5) : B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/B20/B25/B26/B27/B28/B66/B85 EGPRS:850/900/1800/1900
Weight	<5g
Working Temperature	-40°C~+85°C
Data Transmission	
Speed(Mbps)	Cat M1 DL:588kbps,UL:1119Kbps Cat NB2 DL:127Kbps,UL:158.5Kbps
GNSS	GPS/Glonass/Beidou/Galileo/GZSS (GPS+ 1other constellation concurrently)
Firmware Update	USB/FOTA*
Certifications	
Certifications	CE*/FCC*/SRRC/CTA/RoHS
Recommended Applications	
Application Fields	AMR, Smart Parking, Smart Agriculture, Smart Community, Wearables, Environment Monitoring etc.

• Support — No Support * In Development

