

MeiG Smart LTE 5G Module Series

5G

Product	SRM815		SRM825W	
Product Picture				
Encapsulation Features	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	
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	Support SA and NSA mode Support Sub-6GHz &mmWave	-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/B46/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
	- NA*	Region:North America, South America 5G NR Sub-6G:N2/N5/N12/N25/N41/N48/N66/N71/N78 LTE-FDD:B2/B4/B5/B12/B13/B14/B25/B26/B28/B29/B30/B66/B71 LTE-TDD:B41/B42/B43/B48 WCDMA:B2/B4/B5		
Weight	< 12			
Working Temperature	Normal operating temperature : -30°C~+75°C Extended operating temperature : -40°C~+85°C		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		mmWave:-Downlink up to 7.53Gbps (800MHz) -Uplink up to 2.98Gbps	
LTE Speed(Mbps)	Downlink up to 2Gbps Uplink up to 200Mbps		Downlink up to 2Gbps Uplink up to 200Mbps	
DC-HSPA +Speed(Mbps)	42.4Mbps(DL)/5.76Mbps(UL)		42.4Mbps(DL)/5.76Mbps(UL)	
WCDMA Speed(Kbps)	384Kbps(DL)/384Kbps(UL)		384Kbps(DL)/384Kbps(UL)	
TD-SCDMA Speed(Mbps)	—			
EVDO RevB Speed(Mbps)	—			
EVDO RevASpeed(Mbps)	—			
CDMA 1X Speed(Kbps)	—			
EDGE Speed(Kbps)	—			
GPRS Speed(Kbps)	—			
CSD	—			
Interface				
SIM	1.8V/3V		1.8V/3V	
UART	●		●	
USB 2.0 HS	USB 3.1		USB 3.1	
I2C	●		●	
Voice Simulation	Optional		Optional	
PCM Voice	●		●	
ADC	●		—	
GPIO	●		●	
Antenna	ANT_PRI/ANT_DIV/ANT_MIMO/GPS_ANT (A total of 9)		ANT_PRI/ANT_DIV/ANT_MIMO/GPS_ANT (A total of 6) mmWave RF connector x8 QTM525 connector x2	
Special Function				
DTMF	●		●	
TTS	★		★	
TCP/IP	●		●	
FTP	★		★	
HTTP	★		★	
RIL Driver	Android 7.0 above		Android 7.0 above	
NDIS	Windows 7/8/10		Windows 7/8/10	
ECM	★		★	
Gobinet	Linux 2.6 or later		Linux 2.6 or later	
GNSS	Optional		Optional	
Firmware Update	USB/*FOTA		USB/*FOTA	
Electrical Parameter				
Supply Voltage	3.3~4.2V, typ.3.8V		3.3~4.2V, typ.3.8V	
Certifications				
Certifications	SRRC/CE*/FCC*/PTCRB*/RoHS/REACH		SRRC/CE*/FCC*/PTCRB*/RoHS/REACH	
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