



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)	<table border="0"> <tr> <td>-EA</td> <td>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</td> </tr> <tr> <td>-NA*</td> <td>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</td> </tr> </table>	-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	-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	<table border="0"> <tr> <td>Support SA and NSA mode</td> <td>-KR:Region:Korea 5G NR:N78/N257 LTE-FDD:B1/B3/B5/B7/B8/B28 WCDMA:B1</td> </tr> <tr> <td>Support Sub-6GHz &mmWave</td> <td>-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</td> </tr> <tr> <td></td> <td>-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</td> </tr> </table>	Support SA and NSA mode	-KR:Region:Korea 5G NR:N78/N257 LTE-FDD:B1/B3/B5/B7/B8/B28 WCDMA:B1	Support Sub-6GHz &mmWave	-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
-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											
-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											
Support SA and NSA mode	-KR:Region:Korea 5G NR:N78/N257 LTE-FDD:B1/B3/B5/B7/B8/B28 WCDMA:B1											
Support Sub-6GHz &mmWave	-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											
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 9) 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