



MeiG Smart SLM757Q Module

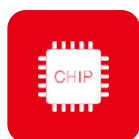
Multi-Mode LTE Smart Module

MeiG Smart SLM757Q smart module, based on Qualcomm platform of MSM8917, is a new generation of LTE intelligent communication module. It supports multi-modes of network connectivity including TD-LTE/FDD-LTE/WCDMA/TD-SCDMA/EVDO/CDMA/GSM and supports multi-modes of satellite signals from GPS/Glonass/Beidou for positioning. SLM757Q has a memory of 8GM+1GB with built-in Android OS. It is integrated with a high-performance GPU-Adreno 308 and features encoding and decoding of various videos and audios, supports 1080P video, has a rich set of interfaces for video and audio and abundant GPIOs.

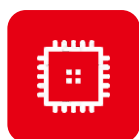
SLM757Q not only provides high-speed data throughput, but also has the functionalities of voice, texts, address books, wifi, bluetooth and GPS. This module is applicable in a wide range of applications, such as video monitoring, security, vehicle equipment, smart hand-held terminals etc.

Main Advantage:

- Support 2.4G& 5G WiFi
- Support Cat.4 FDD&TDD, MAX DL 150Mbps
- LGA+LCC
- Support 1280*800@60fps Display
- Support Dual 4-lane MIPI CAMERA
- Support 1080p@30fps encode and decode in H.264



Qualcomm
4*cortex-A53



Adreno™
GPU A308



Android 7.1



Cat.4 FDD
DL:150Mbps
UL:50Mbps



2.4G+5G WiFi



LGA+LCC

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MEIG

General features:

- OS : Android 7.1
- Storage: 8GB eMMC + 1GB LPDDR3 (default)
- Operating Temp: -25°C ~ +75°C
- Size : 41.0x41.0x3.0mm
- Package: LCC+LGA 238PIN
- Weight: 10.5g
- Certification:CCC/CE/FCC/PTCRB/AT&T/BQB



Outstanding features:

- WLAN: IEEE 802.11a/b/g/n 2.4G&5G
- BT: BT2.1+EDR/3.0/4.1 LE
- GNSS: GPS/GLONASS/BeiDou
- Quick Charge 3.0
- USB OTG

Interface:

- HD 1280*800@60fps , 4-lane DSI
- Camera: 16MP;4+2+1 lane CSI or 4+4 lane CSI
- Analog Audio: Speaker, Receiver, Ear phone, Mic*3,
- USB: USB 2.0*1,Support QC3.0, USB OTG
- I2C:x5
- (U)SIM:x2 (1.8V/2.95V)
- UART:x3 (Max rate of 4Mbps)
- SD Card:x1 (Support SD 3.0, 4-bit SDIO)
- PWRKEY:1.8V , Internal pull-up
- SPI:x1
- ADC:x2
- GPIO:x53
- Motor drive: x1
- Flashlight:x1
- Backlight: x2
- Antenna: LTE,DIV, GNSS,Wi-Fi & BT

Audio & Video:

- Supports low-power MP3 & AAC
Dolby Digital enhancement technology and DTS-HD surround sound
Video codec: 1080P@30fps Decode and Encode via H.264

Band(MHz):

China

SLM757QC

LTE-FDD:B38/39/40/41
LTE-TDD:B1/3/5/8
TD-SCDMA: B34/39
WCDMA: B1/B5/B8
EVDO: BC0
CDMA: BC0
GSM: B5/3/8/2

Europe

SLM757QE

LTE-FDD:B38/40/41
LTE-TDD:B1/3/5/7/8/20
WCDMA: B1/B5/B8
GSM: B5/3/8

America

SLM757QA

LTE-FDD:B2/4/5/12/13/17/28
WCDMA:B2/4/5

