

L811-EA LTE Module

Perfect Wireless Experience

 3 Modes

 12 Frequencies

 50Mbps LTE Uplink

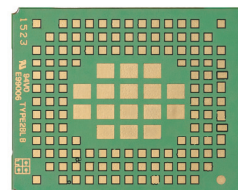
 150Mbps LTE Downlink

 Temperature Range
-40°C~+85°C

 VoLTE¹

L811-EA module is a LGA-packed LTE wireless communication module which supports 12 frequencies from LTE/ FDD/WCDMA/ GSM. The module supports LTE network based on the FDD and the 3G fallback.

The module's network connection speed can reach Cat4 150Mbps in the downloading speed and 50Mbps in the uploading speed, which makes it suitable to the mobile network. L811-EA has a solid track record in several M2M sectors such as transportation, energy, industrial, security, wireless & payment, field service and healthcare.



Available For

- North America
- Europe

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L811-EA LTE Module Technical Specifications

Product Features

- LTE FDD: Band 1, 2, 3, 4, 5, 7, 8, 13, 17, 18, 19, 20
- WCDMA: Band 1, 2, 4, 5, 8
- GSM/GPRS/EDGE: 850/900/1800/1900MHz
- LGA 144pin 26.0×32.0×2.0mm
- Current Consumption: 5.0mA@sleep mode(DRX9)
- RX Sensitivity
 - LTE FDD: -97~ -100dBm
 - WCDMA: -109dBm
 - GSM: -108dBm
- TX Power
 - LTE FDD: 22.5dBm
 - WCDMA: 22.5dBm
 - GSM: 850/900 32.5dBm
 - DCS:1800 29.5dBm
 - PCS: 1900 29.5dBm
- AT Command Set:
 - FIBOCOM proprietary AT commands/
 - GSM 07.05/GSM 07.07

Data

- LTE FDD : Cat 4 (150Mbps DL, 50Mbps UL)
- UMTS/HSPA: DC-HSDPA 42Mbps(Cat24)
HSUPA 5.76Mbps (Cat6)
- GSM 3GPP release 7:
 - EDGE multi-slot class 33 (296kbps DL, 236.8kbps UL)
 - GPRS multi-slot class 33 (107kbps DL,85.6kbps UL)
- SMS: MO/MT Text and PDU modes
Cell broadcast

Interfaces

- SIM Card: 1.8V/2.8V
- 1 x USB 2.0
- Multiple Profiles over USB
- 1 x UART
- PCM voice
- I2C
- I2S
- GPIO

Drivers

- Win 8.1/10
- Android 4.2 above
- Linux 2.6.18 above

Approvals

- RoHS
- CE²
- FCC²
- GCF²
- PTCRB²
- NCC²

1=Supports in future 2=In Progress

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