ZTEWelink

FDD LTE Module

ME3610

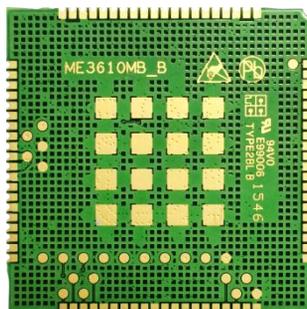|		
LCC LCC Form Factor	**CMUX**	**Rx diversity**
LTE FDD	**FOTA**	**Embedded TCP/IP**
LTE FDD: DL 10Mbps / UL 5Mbps	**UART** 8-wires UART	**USB 2.0**
Pin-to-Pin with vlink series	**-40℃ ~ 85℃**	**Auto suspend & remote wakeup**

For M2M Applications

ME3610 is designed to provide customers with global network coverage on the connectivity of LTE. It delivers 5Mbps-up and 10Mbps-down data rates on LTE FDD networks.

Rx diversity which allows the end-device to be equipped with two distinct cellular antennas improving the quality and reliability of the wireless connectivity.

A rich set of internet protocols (PAP and CHAP used for PPP connections)and abundant functions (DTMF, Remote wakeup, SMS) extend the applicability of the module to a wide range of M2M applications.

ME3610 also allows the integration of automotive and other applications requiring assured extended operating temperature range and mechanical ruggedness within the ever-shrinking space inside electronic bays in trucks, automobiles, and other mobile platforms, and it is a power saving kind for users.

ZTE   ZTEWelink
Model:ME3610 PID:E1A
LTE Module
SKU: 2015sku
MEID: 125A012000010000
S/N: D12450100000000
FCC ID: Q78-ME3610
ZTE CORPORATION   MADE IN CHINA

Welink Your Smart.

ME3610

Data Features

- ☐ LTE FDD
  - – Uplink 5Mbps / Downlink 10 Mbps

SMS Features

- ☐ Support Text mode
- ☐ Point to point MO and MT
- ☐ SMS Status Report
- ☐ SMS centre address setting
- ☐ Management of SMS

General Features

- ☐ LCC Form Factor (80 pins)
- ☐ Pin-to-Pin with vlink series
- ☐ Dimensions:
  - – 30mm $\times$ 30mm $\times$ 2.3mm
- ☐ Weight: About 5.0g
- ☐ Frequency Band:
  - – LTE FDD
  - ***Note: detailed information is in _ME3610 Serials_ part.**

Interfaces

- ☐ USB 2.0 High speed
- ☐ 8-wires UART
- ☐ SIM interface (1.8/3.0V)
- ☐ SPI
- ☐ I2C
- ☐ ADC
- ☐ Antenna (RF PAD for Primary, Diversity)
- ☐ LED indication
- ☐ Power-on/off

ME3610 Serials

PID	Band
E1A	LTE FDD B3, B8, B20 for Europe
C1A	LTE FDD B1, B3, B8 for China Telecom
J1A	LTE FDD B1,B3, B5, B6, B18, B19, B26 for Japan

Applications

- ☐ Support embedded TCP & UDP protocols (IPV4/V6)
- ☐ Support protocols PAP and CHAP used for PPP connection
- ☐ SMS
- ☐ USAT, support 3GPP TS31.111
- ☐ CMUX, support 3GPP TS27.010
- ☐ FOTA
- ☐ USB Selective Suspend & Remote wakeup
- ☐ Control Via AT Commands according to 3GPP TS27.005, 27.007 and ZTEWelink extended AT commands
- ☐ PSM(Power Saving Mode)

Electrical & Sensitivity

- ☐ Transmit Power:
  - – LTE: +23dBm +2.7/-2.7dB (Power Class 3)
- ☐ Receiving sensitivity:
  - – Rx Diversity
- ☐ Power Supply :
  - – 3.4V~4.3V (3.8V is recommended)

Environmental

- ☐ Operation temperature: -30°C to +75°C
  - – Extreme Operating temperature: -40°C to +85°C
- ☐ Storage temperature: -40°C to +85°C
- ☐ Humidity: 5%~ 95%

Driver & Tools

- ☐ Drivers
  - – Windows XP, Vista, 7 , 8
  - – Linux
  - – Android
- ☐ Diag-log Tool
- ☐ Firmware Update Tool

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