# ZTEWelink

## FDD LTE Module

# ME3610

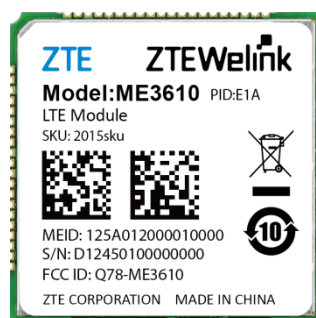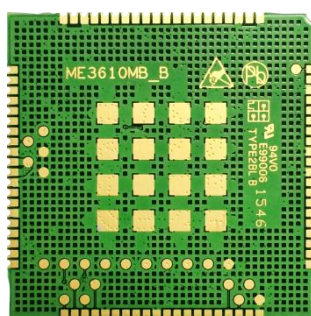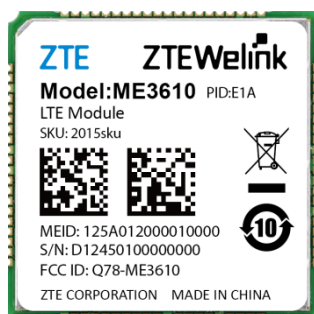| | | |
|---|---|---|
| LCC Form Factor | CMUX | Rx diversity |
| LTE FDD | FOTA | Embedded TCP/IP |
| LTE FDD: DL 10Mbps / UL 5Mbps | 8-wires UART | USB 2.0 |
| Pin-to-Pin with vlink series | -40℃ ~ 85℃ | Auto suspend & remote wakeup |

## 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

## ZTEWelink