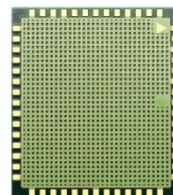


# LTE FDD MODULE



## SIM7500JE



The SIM7500JE is Multi-Band LTE-FDD module solution in a LGA type which supports LTE CAT1 up to 10Mbps for downlink data transfer.

It has strong extension capability with rich interfaces including UART, USB2.0, I2C, GPIO etc. With abundant application capability like TCP/UDP/FTP/FTPS/HTTP/HTTPS/SMTP/POP3 and MMS, the module provides much flexibility and ease of integration for customer's application.

## Smart Machine Smart Decision

### General features

- Tri-Band FDD-LTE B1/B3/B8
- Control Via AT Commands
- Supply voltage range: 3.4V~ 4.2V
- Operation temperature: -40℃ to +85℃
- Dimension: 24\*27\*2.75mm
- Weight: 4.0g
- GNSS gpsOne Gen 8B; standalone; assisted, XTRA

### Specifications for Data transfer

- LTE CAT1
  - Uplink up to 5Mbps,
  - Downlink up to 10Mbps

### Other features

- USB Driver for Microsoft Windows 2000/XP/Vista/Win7/Win8
- USB Driver for Windows CE/Mobile
- USB Driver for Linux /Android
- RIL supporting for Android/Windows CE/Mobile
- Automatic installation for windows
- Linux API SDK
- Firmware update via USB
- TCP/IP/IPv4/V6 Multi-PDP, MT PDP
- FTP/FTPS/HTTP/HTTPS/SMTP/POP3/DNS/MMS
- DTMF
- MBIM to Win8
- Source code of the PC manager of the device for reference

### Interfaces

- USB2.0
- UART
- SIM card
- I2C
- GPIO
- ADC
- PCM

### Certifications(Plan)

- ROHS
- REACH

More about SIMCom SIM7500JE  
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