

# **ZTE MF212**

## **WCDMA/HSUPA Module**

Bringing  
you  
Closer



**PCI Express Mini-Card**



**5.76Mbps HSUPA**



**7.2Mbps HSDPA**



**Data Service**



**SMS**



**Ultra low power consumption**



**RIL DRIVER**



**Multi SIM Interface**



**Easy to integrate**



**Windows XP/Vista/CE/7, Linux, Android**



**WCDMA/HSDPA 2100/1900/850MHz  
GSM/GPRS/EDGE 850/900/1800/1900MHz**



**WHQL/RoHS/FCC/GCF/PTCRB/IC**





## ZTE MF212 WCDMA/HSUPA Module



### General Features

- WCDMA/HSDPA 2100/1900/850MHz
- GSM/GPRS/EDGE 850/900/1800/1900MHz
- WCDMA/HSDPA 2100MHz:  
+24dBm (Power Class 3)
- GSM/GPRS 850MHz/900MHz:  
+33dBm (Power Class 4)
- GSM/GPRS 1800MHz/1900MHz:  
+30dBm (Power Class 1)
- EDGE 850MHz/900MHz:  
+27dBm (Power Class E2)
- EDGE 1800MHz/1900MHz:  
+26dBm (Power Class E2)
- GPRS: Multi-slot Class 10
- EDGE: Multi-slot Class 12
- Power:  
Average Current : 292mA  
Maximum Current : 502mA  
Idle Current : 8mA
- Control Via AT Commands
- Supply voltage range: 3.3V
- Temperature range  
Operation Temperature: -10°C to +65°C  
Extreme working Temperature: -20°C to +70°C  
Storage temperature: -40°C to +80°C
- Humidity: 5%~ 95%
- Dimensions:  
About 51mm X 30mm X 4.7mm
- Weight: approx. 10g

### Specification For Data

- WCDMA PS:  
DL: 384 Kbps  
UL: 384 Kbps
- WCDMA CS: 64Kbps
- HSDPA: 7.2Mbps
- HSUPA: 5.76Mbit/s
- Support EDGE CLASS12/GPRS CLASS10

### Interfaces

- PCI Express Mini-Card
- USB 2.0 HIGH SPEED
- SIM card interface 3V, 1.8V

### Software features

- Improved power-saving modes
- USB driver :  
Windows XP  
Windows Vista  
Windows 7
- RIL/USB driver for devices based on Linux & Android & WinCE

### Application

- RAS
- SMS
- Phonebook
- Network Lock

### GPS

- Standalone
- MS-assisted / Aided (support varies based on network carrier)
- NMEA data stream

### Approvals & Certification

- WHQL/RoHS/FCC/GCF/PTCRB/IC



More about ZTE Wireless Modules at:  
<http://www.zte.com.cn>

# **ZTE MF206A**

## **WCDMA/HSDPA Module**

*Bringing  
you  
Closer*



**LGA 108PIN**



**384Kbps**



**3.6Mbps HSDPA**



**Data Service**



**SMS**



**Ultra low power consumption**



**RIL/NDIS DRIVER**



**Easy to integrate**



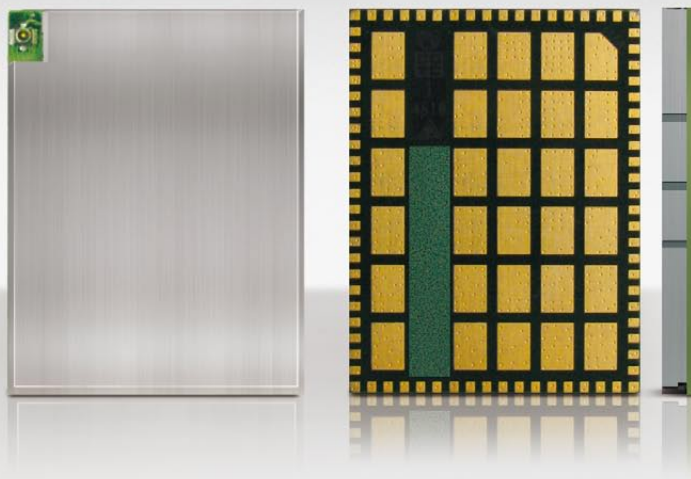
**Windows XP/Vista/CE/7,Android,Linux**







## ZTE MF206A WCDMA/HSDPA Module



### General Features

- WCDMA/HSDPA 2100/1900/850(900)MHZ
- GSM/GPRS/EDGE 850/900/1800/1900MHz
- WCDMA/HSDPA 2100/1900/850(900)MHZ: +24dBm (Power Class 3)
- GSM/GPRS 850MHz/900MHz: +33dBm (Power Class 4)
- GSM/GPRS 1800MHz/1900MHz: +30dBm (Power Class 1)
- EDGE 850MHz/900MHz: +27dBm (Power Class E2)
- EDGE 1800MHz/1900MHz: +26dBm (Power Class E2)
- GPRS: Multi-slot Class 10
- EDGE: Multi-slot Class 12
- Power:  
Average Current: 300mA  
Maximum Current: 520mA  
Idle Current: 6mA
- Control Via AT Commands
- Supply voltage range: 3.4-4.2V
- Temperature range  
operation Temperature: -20°C to +70°C  
Extreme working Temperature: -30°C to +80°C  
Storage temperature: -40°C to +85°C
- Humidity: 5%~ 95%
- Dimensions: About 36mm×26mm×2.5mm
- Weight: approx. 5g

### Specification For Data

- WCDMA PS:  
DL: 384 Kbit/s  
UL: 384 Kbit/s
- WCDMA CS: 64Kbit/s
- HSDPA : 3.6Mbit/s
- Support EDGE CLASS12/GPRS CLASS10

### Software features

- Improved power-saving modes
- NDIS/USB driver :  
Windows XP  
Windows Vista  
Windows 7
- RIL/NDIS/USB driver for devices based on Linux & Android & Win CE

### Interfaces

- LGA 108PIN
- USB 2.0 High speed
- SIM card interface 3 V, 1.8 V
- SD interface
- UART
- GPIO
- RF interface: antenna connector and antenna pad

### Application

- RAS
- SMS
- NDIS
- STK
- GPS
- USSD
- Embedded TCP/IP UDP (Optional)
- Phonebook
- Network Lock

### Approvals & Certification

- WHQL/FCC/PTCRB/IC



More about ZTE  
Wireless Modules at:  
<http://www.zte.com.cn>

# **ZTE MF226**

## **WCDMA/HSPA+ Module**

*Bringing  
you  
Closer*



**LGA 108PIN**



**5.76Mbps HSUPA**



**14.4Mbps HSPA+**



**Data Service**



**SMS**



**Ultra low power consumption**



**RIL/DRIVER**



**Easy to integrate**

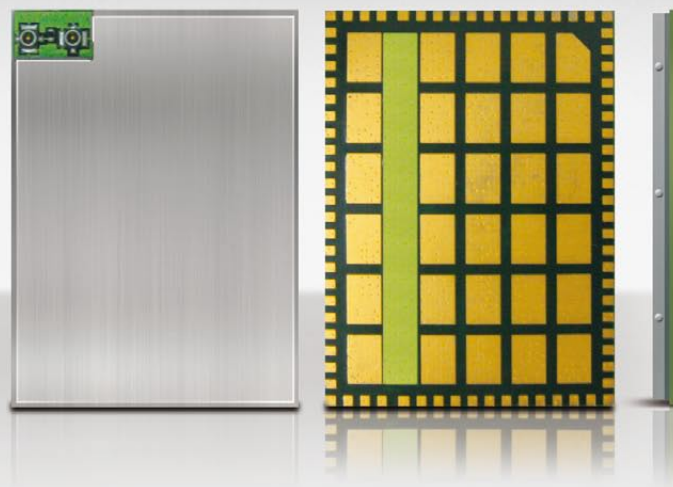


**Windows XP/Vista/CE/7, Android, Linux**





## ZTE MF226 WCDMA/HSPA+ Module



### General Features

- WCDMA/HSUPA/  
HSDPA2100/1900/850(900)MHz
- GSM/GPRS/EDGE  
850/900/1800/1900MHz
- RxDiv Band 2100/1900/850(900)MHz
- WCDMA/HSDPA 2100MHz:  
+24dBm (Power Class 3)
- GSM/GPRS 850MHz/900MHz:  
+33dBm (Power Class 4)
- GSM/GPRS 1800MHz/1900MHz:  
+30dBm (Power Class 1)
- EDGE 850MHz/900MHz:  
+27dBm (Power Class E2)
- EDGE 1800MHz/1900MHz:  
+26dBm (Power Class E2)
- GPRS: Multi-slot Class 10
- EDGE: Multi-slot Class 12
- Power:  
Average Current: 516mA  
Maximum Current: 520mA  
Idle Current: 63mA
- Control Via AT Commands
- Supply voltage range:3.4-4.2V
- Temperature range  
Operation Temperature: -20°C to +70°C  
Extreme working Temperature:-30°C to +80°C  
Storage temperature: -40°C to +85°C
- Humidity:5%~ 95%
- Dimensions: About 36mm ×26mm ×  
2.5mm
- Weight: approx.5g

### Specification For Data

- WCDMA PS:  
DL:384 Kbit/s  
UL:384 Kbit/s
- WCDMA CS:64Kbit/s
- HSPA+ :14.4Mbit/s
- HSUPA :5.76Mbit/s
- Support EDGE CLASS12/GPRS  
CLASS10

### Software features

- Improved power-saving modes
- NDIS/USB driver :  
Windows XP  
Windows Vista  
Windows 7
- RIL/USB driver for devices  
based on Linux & Android & Win CE

### Interfaces

- LGA 108 PIN
- USB 2.0 High speed
- SIM card interface 3 V, 1.8 V
- SD interface
- UART
- GPIO
- SPI
- Digital audio interface PCM 1.8V
- RF interface: antenna connector and  
antenna pad

### Application

- RAS
- SMS
- NDIS
- STK
- Embedded  
TCP/IP UDPÁ  
(Optional)
- USSD
- Phonebook
- GPS

### Approvals & Certification

- WHQL/FCC/PTCRB/IC



More about ZTE  
Wireless Modules at:  
<http://www.zte.com.cn>