

MF226

UMTS/HSPA+

For M2M applications such as metering, tracking systems, security solutions, routers, wireless POS, mobile computing devices, PDAs, tablet PC and so on.

- * LGA Form Factor
- * Ultra Low Power Consumption
- * -30°C to +75°C
- * GPS & A-GPS & LBS
- * Quad-band GSM/GPRS/EDGE
- * Tri-band UMTS/HSDPA
- * 2 UART Interface
- * Open RIL Code
- * CMIIT, CCC, CE, FCC, WEEE, RoHS



OVERVIEW

MF226 is designed to provide customers with global network coverage on the connectivity of WCDMA. It can also be fully backward compatible to existing EDGE and GSM/GPRS networks.

The tiny profile in cost optimized LGA form factor and highly integration level enable integrators and developers to easily design their applications and truly benefit from the module's small size, low power consumption and mechanical intensity. Another significant advantage of the module MF226 is low cost.

A rich set of internet protocols (TCP/UDP protocols, PAP and CHAP used for PPP connections), industry-standard interfaces (USB/UART/SPI/I2C/ADC) and abundant functions (GPS/A-GPS/LBS, STK, USSD, Band Lock, Open RIL code, MMS, SMS) extend the applicability of the module to a wide range of M2M applications such as metering, tracking systems, security solutions, routers, wireless POS, mobile computing devices, PDAs, tablet PC and so on.

MF226 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.

Network	UMTS/HSPA+
Frequency band	UMTS 850(900/800)/1900/2100MHz GSM/GPRS/EDGE 850/900/1800/1900MHz
Dimensions	36x26x2.65mm
Temperature	-30°C to +75°C
Voltage	3.4V~4.2V/typical 3.8V
Consumption	about 4.9mA standby current
Interface	LGA Typell 108PIN
USB interface	USB 2.0
Driver	Windows XP/7/8, Android2.3/4.0, Linux 2.6.20 and later, WinCE5.0/6.0
Data rate	DL:14.4Mbps/UL:5.76Mbps
Function	Data/SMS/MMS/GPS
Commands	Standard AT commands/ZTE exclusive commands
Certifications	JATE/TELEC/ CE/ FCC/ RoHS/ PTCRB/CCC/ CMIIT/IC/ WEEE/ AT&T/NTT DOCOMO/GCF
Highlights	Support dual antenna diversity reception, Support HSPA+, Support Windows 8 OS, AT&T approval certificate, NTT DOCOMO approval certificate