

## B71

B7x系列工业级M2M LTE模块



## 频段特性

TDD-LTE

Band 38 2570MHz - 2620(MHz)  
 Band 39 1880MHz - 1920(MHz)  
 Band 40 2300MHz - 2400(MHz)

TD-SCDMA

Band 34 2010MHz - 2025(MHz)  
 Band 39 1880MHz - 1920(MHz)  
 GGE 850/900/1800/1900(MHz)

## 标准规范

- TD-LTE Cat4
- HSDPA Cat15 , HSUPA Cat6
- GSM R9
- GPRS multi-slot class 12
- EDGE multi-slot class 12
- 遵循 ITU T Recommendation V.25ter 3GPP 27.005 3GPP 27.007 协议
- IPV4/IPV6
- Embedded TCP/IP Stack

## 功能特性

- Sleep Current <5mA
- Standby Average Current <20mA
- Working Current <500mA
- Sleep wake up Support

## 基本特性

- 42pin SMT 邮票接口
- Dimension 28\*44\*2.3mm
- Chipset Leadcore 1761
- Charger DC Output voltage 3.5V~4.2V
- USIM 1.8V or 3.0V USIM
- Antenna Interface MIMO2\*2
- Band Width 1.4 MHz/3 MHz/5 MHz/10 MHz/15 MHz/20MHz
- USB 2.0 High speed
- USB driver for Linux/Android
- OS Android/Win7/xp/Linux
- PCM voice
- SMS MD/MT PDU mode
- PS : LTE<->3G<->GGE支持自动重选及手动切换
- CS : 3G ->GGE支持自动重选及手动切换

## 理论速率

- LTE UL(50Mbps) DL(150Mbps)
- HSDPA/HSUPA UL(2.2Mbps) DL(2.8Mbps)
- EDGE UL/DL(236Kbps)
- GPRS UL/DL(85.6Kbps)

Transmit Power

- TD-LTE : +23dBm ( 3GPP Class3 )
- TD-SCDMA : +24dBm ( Power Class2 )
- EDGE 1900/1800MHz : +26dBm ( Power Class E2 )
- EDGE 900/850MHz : +27dBm ( Power Class E2 )
- GPRS 1900/1800MHz : +30dBm ( Power Class 1 )
- GPRS 900/850MHz : +33dBm ( Power Class 4 )

## 特性环境

- Normal operation -20°C ~ +75°C
- Storage operation -40°C ~ +85°C
- Humidity 5%~95%

## 认证

- CTA RoHS Compliant
- CE(TBD)
- ATT(TBD)
- REACH(TBD)