

B51

B5x Mini PCIe package系列



频段特性

TD-SCDMA
 Band 34 2010MHz - 2025MHz
 Band 39 1880MHz - 1920MHz
 GGE 850/900/1800/1900MHz

TDD-LTE
 Band 38 2570MHz - 2620MHz
 Band 39 1880MHz - 1920MHz
 Band 40 2300MHz - 2400MHz

标准规范

- TD-LTE / Cat4
- HSDPA Cat15 , HSUPA Cat6
- GSM R9
- GPRS multi-slot class 12
- EDGE multi-slot class 12
- Follow ITU T Recommendation V.25ter 3GPP 27.005 3GPP 27.007 agreement
- 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

- 52pin Mini PCIe package
- Dimension 50.85(L)*29.9(W)*5.15(H) mm
- Chipset Leadcore 1761
- Charger DC Output voltage 3.135V~4.4V(3.3 V recommended)
- 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)