



TD-SCDMA Module



SIM4200

The SIM4200 is a module which can be embedded into laptops and PDAs or MID for high speed data connection of TD-SCDMA/HSDPA, EDGE technology.

Smart Machine Smart Decision

General features

- HSDPA 2.8Mbps for Downlink
- TD-SCDMA 384Kbps for Uplink
- TD-SCDMA/HSDPA 1880-1920MHz, 2010-2025MHz
- Dual-Band GSM 900/1800MHz
- GPRS multi-slot Class 10
- EDGE multi-slot Class 10
- Output power
 - TD-SCDMA: 0.25W
 - GSM850/GSM900: 2W
- DCS1800/PCS1900: 1W
- Control Via AT Commands
- Dimension: 60mm*34mm*3.6mm
- Temperature range
 - Normal operation: -25°C to +60°C
 - Storage temperature : -40°C to +85°C

Spec for Data transfer

- HSDPA:
 - Max: 2.8Mbps(DL)
 - Max: 384Kbps(UL)
- TD-SCDMA:
 - Max: 384Kbps(DL),
 - Max: 128Kbps(UL)
- EDGE :
 - Max: 236.8Kbps (DL)
 - Max: 118Kbps (UL)
- GPRS:
 - Max: 85.6kbps(DL),
 - Max: 42.8kbps(UL)
- CSD:
- GSM Data rate 14.4Kbps
- TD-SCDMA Date rate 64kbps

Spec for SMS:

- Point to point MO and MT
- Text and PDU mode

Spec for Voice:

- Voice Codec FR,AMR
- DTMF

Other features:

- Driver for Microsoft Windows 7/XP/Vista/CE
- Driver for Linux

Interfaces:

- 80PIN B2B connector
- USB2.0 full speed
- SPI
- I2C
- UART
- GPIO
- SIM card
- ADC
- Antenna: 50 Ohm compatible U. FL RF connector