



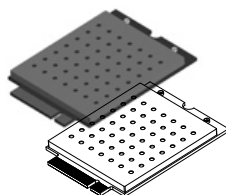
Cat 4 LTE Module V2.0 (Global-7243ST) Specifications

Product Features

- M.2 & LGA form factor
- 3GPP LTE Release 9 Cat 4
- FDD & TDD, 2RX, 1TX Rx diversity
- 23 dBm max TX power
- B41 26 dBm high power option
- Band support:
 - B25, B26, B41 (Sprint)
 - B2, B4, B5, B13 (Verizon)
 - B2, B4, B5, B17 (AT&T)
 - B2, B4, B12, B71 (T-Mobile)
- DL: QPSK, QAM16, QAM64
- UL: QPSK, QAM16
- Speed: 150/50 Mbps DL/UL
- Reset, RF & power on/off control
- Dimensions: 34 mm (W) x 30 mm (L) x 2.5 mm (H)
- Weight: About 4.0 g
- Power Supply: 3.6 - 5 V

Interface

- USB 2.0 data interface
- PCM Voice, GPIO
- SIM Card interface (1.8 V / 3.0 V)
- SPI
- I2C
- Antenna
- LED indicator
- Reset & power-on
- WAKE-IN & WAKE-OUT



Environmental

- Operation temperature: -40°C to +55°C
- Humidity: 5% ~ 95%

LTE Firmware

- Profile configuration for operators
- Automatic network scanning & cell selection
- Dual PDN/APN support (module management & user data separation)
- Idle and low power suspend mode support
- Network PLMN restriction and SIM card HPLMN lock support

Module Firmware

- Android and Linux CDC driver support
- Window RNDIS driver support
- Optional MBIM host interface support
- IPv4 & IPv6 networking support
- Separate IP Interfaces for dual APN network
- Built-in DHCP server support

Module Management

- OMA-DM management protocol support
- SIM-OTA capability support (USIM update in real-time)
- Over-the-air firmware upgrade via HTTP, FTP or TR069
- Zero configuration for deployment

