

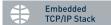
### **CDMA**

## BSM-856









BSM-856 developed by the state-of-the-art technologies of Telit is an IS-95A/B CDMA2000 1x wireless MODEM with gpsOne \$ features.

BSM-856 has been designed suitable for M2M business products.

### **Product features**

- Frequency Band
  - Receive Range: 869-894MHz
- Transmitting Range: 824-849MHz
- gps0ne® Service
- Voice/DATA Service
- Analog Audio Interface
- Standard RS-232 Interface(D-SUB9)
- DM Port
- Standard & Extended AT Command Set
- Embedded TCP/IP Protocol Stack
- Buzzer Output
- Power On/Off Control
- Number of channels: 20Ch.
- SMS (Short Message Service)

- Various Status Indications:
  - Status of MODEM
  - In-range & out-of-range status
- Channel Spacing: 1.23MHz
- Occupied Bandwidth: ≤1.32MHz
- Air-Interface: IS-95A/B, CDMA 2000 1xRTT
- Data Transmission Speed:
  Up to 153.6Kbps
  (Forward & Reverse Simultaneously)
- Dimensions: 116 x 59 x 20(L x W x H)mm
- Weight: 148g
- Antenna connector: SMA typeModem I/F Connector: D-SUB9
- Mounting: 3.2mm 4 HolesCDMA









actual size



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gps0ne® Service

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- Maximum RF Output Power: ≥23dBm
- Zero IF

**Electrical** 

- Receiver Sensitivity: ≤-104dBm(FER =0.5%)
- Nominal Operation Voltage: DC 5.0 ± 0.3V
- Power Consumption
  - Receive: about 120mA
  - Transmit: about 350mA @ -75dBm RSSI

### **Environmental**

■ Storage Temperature: -30°C to +70°C

Operating Temperature: -20°C to +60°C

Order-No.

BSM-856

