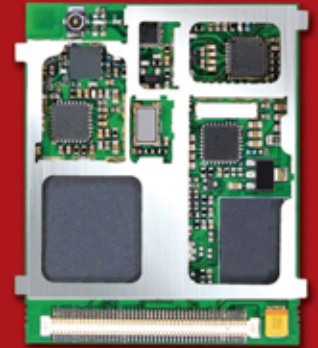# Flying-800

CDMA2000 1X WIRELESS MODULE

Flying-800 provides high-speed wireless data transmission. The module can be easily integrated into mobile communications thanks to its ultra-slim size of 35x44x2.6 mm, the single-sided PC-board and a minimal weight. It can be used in various terminal solutions. It supports voice, camera, MIDI interface, and etc. Flying-800 will give you an immediate access to the current and future wireless data market.

Actual Size

The Flying-800 is suited for:

— Computing accessing cards

— Smart phone

— PDA

— Wireless desktop phone

— And much more industrial applications

TechFaithWireless

GENERAL FEATURES

- **CDMA 2000 1X RTT (Qualcomm MSM6025)**
- **Flying-800**
  - -**Support camera controller/MIDI interface**
  - -**Flash 128Mbit,RAM 32Mbit**
- **Support BREW**
- **Standard RS-232C interface**
- **Data transmission up to 153kbps**
- **Remote control by AT commands**
- **Small size: 35.4mm(W)x44.5mm(L)x2.6mm(H)**
- **Bulit-in TCP/IP stack**
- **2-way SMS**
- **EVRC**
- **Optimized for easy OEM applications**
- **Color LCD/keypad interface**
- **R-UIM/MIDI interface**
- **GPIOs for customer interface**
- **Support circuit data/ fax**
- **External reset interface**

S/W Specifications

- **User Interface Software**
  BREW software support
  WAP 2.0

- **Software Stacks**
  CDMA 2000 1X
  IS-95A/B
  IS-637
  IS-707
  Built-in TCP/IP
  IS-96A
  IS-99
  IS-657

Flying-800

H/W Specifications

- **Electrical**
  Full TIA/EIA/IS-98/D compliance
  Operating voltage: Battery 3.5V~4.2V
  External DC 4.0V~5.0V
  Max output power: 0.3W
  Current consumption: Less than 1.5mA (sleep), up to 700mA (Traffic)
  Sensitivity: less than -104dBm
  Receive frequency: 869.04~893.97 MHz
  Transmit frequency: 824.04~848.97MHz

- **Mechanical**
  Dimension: 35.4mm(W)x44.5mm(L)x2.6mm(H)
  Weight: 10g
  RF connector: GSC type
  Connector for user interface: 100pins

- **Environmental**
  Operating temperature:-30 ℃ ~+60 ℃
  Storage temperature: -40 ℃ ~+80 ℃
  Humidity (Operating): 0%~90%

- **User Interface**
  Serial data interface (RS-232C)
  Keypad interface
  TFT color LCD interface
  Digital camera controller interface
  MIDI interface
  R-UIM interface
  Analog audio interface
  GPIOs for control and status indication
  External reset
  USB interface
  Power input