WISMO Quik
CDMA - Q2400 SERIES

ALL YOU NEED

Outfit your application with cutting-edge CDMA 2000™ 1xRTT technology – based on Qualcomm®'s latest MSM6050™ chipset. This module supports key features including: gpsOne™, AMPS, IOTA, USB, WAP, and BREW™.

Now you can launch your product virtually worldwide, wherever Cellular 800 or PCS 1900 MHz bands is supported, with the WISMO Quik 2400 CDMA series of modules. And you can do so in record time by choosing Wavecom's complete suite of hardware, software options, development tools and services optimized for different applications and environments.

So choose the WISMO Q2438 or 2458 module if you need high speed data capability, reliable performance and small size. This way, you're able to move from the drawing board, through design and into commercialization in record time.

CHOOSE RIGHT

Be Global
**By interchanging Wavecom's WISMO Quik CDMA
and WISMO Quik GSM/GPRS platforms**

Be Thin
**By embedding a small, but a very powerful CDMA module
into your size sensitive application.**

Be Smart
**By using the Q2438 which supports AMPS, gpsOne, BREW, USB,
and WAP – all in one. And by integrating gpsOne for vehicle security,
fleet management, and asset tracking.**

Be Safe
**By choosing Wavecom, a proven and stable company,
that can meet all your needs – hardware, software, IP, services,
and carrier certification.**

wavecom

The WISMO Quik CDMA Series is available in two versions:
- Q2438 800/1900 MHz
- Q2458 800 MHz with RUIM

GENERAL SPECIFICATIONS

- Band Class 0 (Tx: 824 ~ 849/ Rx: 869 ~ 894 MHz)
- Band Class 1 (Tx: 1850 ~1910 MHz /Rx: 1930 ~ 1990 MHz)
- CDMA 2000 1XRTT
- 153 kbps forward and reverse
- EVRC, 13kQCELP
- Circuit Switch (IS707-A.4)
- Packet Data (IS707-A.5)
- G3 FAX
- TIA/EIA/IS-98-D
- IS-95A backwards compatible
- J-STD-008 backwards compatible

HARDWARE FEATURES

- MSM6050
- AMPS voice
- gpsOne
- R-UIM (For China Only)
- Memory
  - 2 MB (RAM)
  - 4 MB Flash
- Power Output
  - 0.2W-0.3W
- Voltage Range
  - 3.2 V to 4.2 V (3.7 nominal)

INTERFACES

- 60 pin board to board connector
- RF connector (coax adaptable)
- Up to 2 serial UARTS with multiplexing capability
- 2 differential microphone inputs
- 3V with R-UIM detection (5V with external level shifter)
- Power supply connection
- 1 ringer/buzzer output

MECHANICAL/ ENVIRONMENTAL FEATURES

- Dimensions: 58 mm x 32 mm x 3.9 mm
- Weight: 11.6 g
- Mounting: 4 Holes
- Operating Temperature: -30 to 60°C

WAVECOM S.A. may, at any time and without notice, make changes or improvements to the products and services offered and/or cease producing or commercialising them.