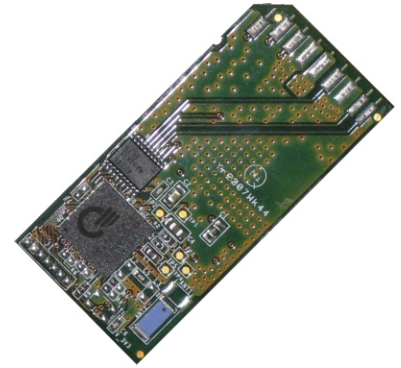


iW-SDIO WLAN Module helps the peripheral card vendors, device OEMs and ODMs in developing solutions independently, minimizing costs and mitigating the risks involved in developing an SD/SDIO Bus Driver architecture from scratch.

Features:

- ◆ Interface: Support SDIO 1.0(1bit & 4bit SDIO support)
- ◆ IEEE 802.11b/g Complaint
- ◆ 802.11j channel (Japan) supported
- ◆ 802.11i (AES, WEP and TKIP) compliant
- ◆ 802.11h (DFS/TPC) supported
- ◆ AES (128 bits/CCMP mode) supported
- ◆ WEP (64/128 bits), WPA-PSK, AES, WPA-2 supported
- ◆ DSSS: DBPSK, DQPSK, CCK Modulation
- ◆ OFDM: BPSK, QPSK, 16QAM, 64QAM Modulation
- ◆ Data rates: 1, 2, 5.5, 11, 6, 9, 12, 18, 24, 36, 48, 54Mbps
- ◆ Sensitivity: -88dBm 11Mbps sensitivity and -73dBm 54Mbps sensitivity
- ◆ Onboard chip antenna & U.FL connector option for external antenna connectivity.
- ◆ Operating Channels: 1~14 channels
- ◆ Power Consumption: 160-170mA (While web browsing)
- ◆ OS Support: Linux2.6.x, Win CE 5.0
- ◆ Dimension: 50x24x5mm



Advantages:

- ◆ Saves on investment required for any additional software engineering efforts.
- ◆ Enable addition of SD/SDIO card support to embedded devices with minimal effort and time.
- ◆ Code re-use

Applications:

- ◆ 2G/2.5G/3G cellular phone
- ◆ PPM Player
- ◆ Digital camera
- ◆ Digital Photoframe
- ◆ PDA
- ◆ Wireless Remote Controller



About Us

iWave Systems Technologies is an embedded Hardware and Software Turnkey Design Services company, focused on providing integrated solutions for developing innovative products and systems in the areas of Communication, Consumer electronics and Multimedia. iWave offers complete turnkey solutions for systems engineering and product development.

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