

AMPAK

GB96362G

WiFi 802.11b/g/n

SIP Module

Spec Sheet

2. Features

- Single-band 2.4GHz IEEE 802.11b/g/n
- Supports standard interfaces SDIO v2.0(50MHz, 4-bit and 1-bit) and generic SPI(up to 50MHz)
- Integrated ARM Cortex-M3™ CPU with on-chip memory enables running IEEE802.11 firmware that can be field-upgraded with future features.
- Supports per packet Rx antenna diversity
- Security:
 - Hardware WAPI acceleration engine
 - AES and TKIP in hardware for faster data encryption and IEEE 802.11i compatibility
 - WPA™ – and WPA2™ - (Personal) support for powerful encryption and authentication

A simplified block diagram of the module is depicted in the figure below.

