SPB - WiFi 802.11b+g SDIO Evaluation Board

H&D Wireless

Product Description:

The SPB104 is a complete WLAN card for evaluation and development for the 802.11b/g standard compliant WiFi component HDG104 from H&D Wireless AB.. The SPB105 is a complete WLAN card for evaluation and development on platforms like the Atmel EVK1105 using the AVR32 CPU. SPB106 is SMD module with the HDG104 WLAN System In Package, SIP module and all peripheral components required. It is a complete solution designed to be surface mount on any host system needing a complete WiFi solution.

Key Features:

High RF output TX power and RX sensitivity	Data Rates: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, and 54Mbps
Modulation: QPSK, 16QAM, 64QAM DBPSK, DQPSK, CCK, OFDM with BPSK	WEP and AES hardware encryption accelerator up to 128 bit.
On-chip RF filter for the ISM band 2.4GHz	Lowest power consumption solution in the market for embedded applications.

Applications:

Home automation such as AMR, surveillance, access control or home appliances.	WiFi in combination with AVR32 can easily be installed and used for industry sensors

Ordering Information:

Mfr Part #	Farnell #	Newark #	Description
SPB104-AL-1	1839054	--	BOARD, EVAL, WIFI, SDIO, HDG104
SPB105-AK-1	1839055	--	BOARD, EVAL, WIFI, SPI, HDG104
SPB106-AP-1	1839057	--	BOARD, EVAL, WIFI, SMD, HDG104

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