

SPB - WiFi 802.11b+g SDIO Evaluation Board



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
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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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