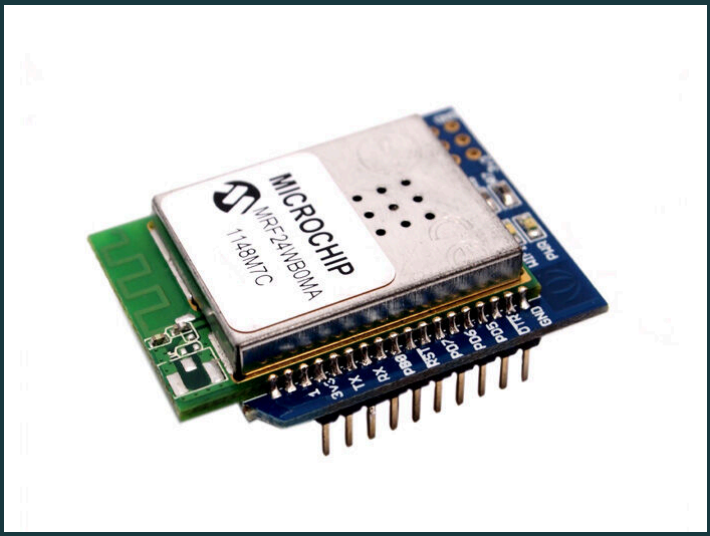
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Wifi Bee

Wifi Bee: xBee-compatible Wi-Fi module with Arduino programmability and 802.11b security.

SKU	UPDATED	PRICE
113050005	2024-08-09 02:12:45	$69.90(Excl. VAT)



Overview



Wifi Bee is an xBee Pro socket compatible module integrating Microchip MRF24WB0MA Wi-Fi transceiver and ATmega328P MCU, programmable via Arduino. It provides xBee compatible headers, 802.11b with WEP, WPA-PSK, WPA2-PSK security, and is suitable for wireless control and Internet connectivity.

Key Features

Wifi Bee is a xBee Pro socket compatible module.It integrates Microchip IEEE 802.11 Wi-Fi transceiver module MRF24WB0MA and 8bit AVR MCU ATmega328P. The smart and similar xBee Pro outlook makes it very easy to be integrated in your product. The ATmega328P could be directly programmed under the open source IDE Arduino when you plug it on to the UartSBee. The SPI pins on MCU are connected to the corresponding pins of MRF24WB0MA to communicate with each other, while some of the other pins (DIO, AD,PWM etc.) are brought out to the 20 pins of 2.0mm male pin headers.

Features

- xBee compatible headers
- Programmable by Arduino
- 802.11b compatible
- WEP, WPA-PSK, WPA2-PSK Security

Application Ideas

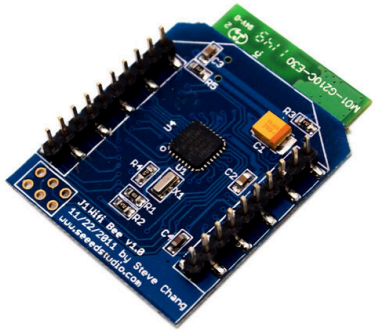
- Wireless control
- Internet connectivity

Documents

Please visit our **wiki page** for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our **forum**.

Product Gallery





Compliance & Logistics

HSCODE

Resource Links

- https://www.seeedstudio.com/Wifi-Bee-p-823.html

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