

IEEE 802.11 b/g/n Wi-Fi Module
Product Specifications

Model:ZH-WIFI-06

VER:1
DATE:2010/12

1. Introduction

ZH-WIFI-06 is a Mini Wi-Fi module supporting IEEE 802.11 b/g/n standards. Designed in the product with MID, Netbook etc for the wireless connectivity.

2. Features

- 1T1R mode with 150Mbps with PHY rates for both transmit and receiving
Dynamic data rate: Maximum data rate up to 150Mbps. 11n: Legacy, Mixed and Green Field modes, 11g: 54/48/36/24/12/9/6 Mbps (Auto Sensing); 11b: 11/5.5/2/1 Mbps (Auto Sensing)
- Support 20MHz/40MHz Bandwidth
- Security support for 64/128bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
- Supports 6,9,12,18,24,36,48,54Mbps for OFDM; 5.5,11Mbps for CCK; and 1, 2Mbps for Barker modulation.
- Operating Frequency 2.4 12GHz~2.487GHz
- Transmit output power: 802.11.g 15+/-1dBm
- Receive sensitivity 11b: -77dBm @ 11Mbps (Typical); 11g: -69dBm @ 54Mbps (Typical)
- Operating Voltage 3.3V/DC $\pm$ 5%
- Bus interface USB 2.0
- Antenna port impedance 50ohm
- Power consumption 3.3V, 130mA

3. USB Interface

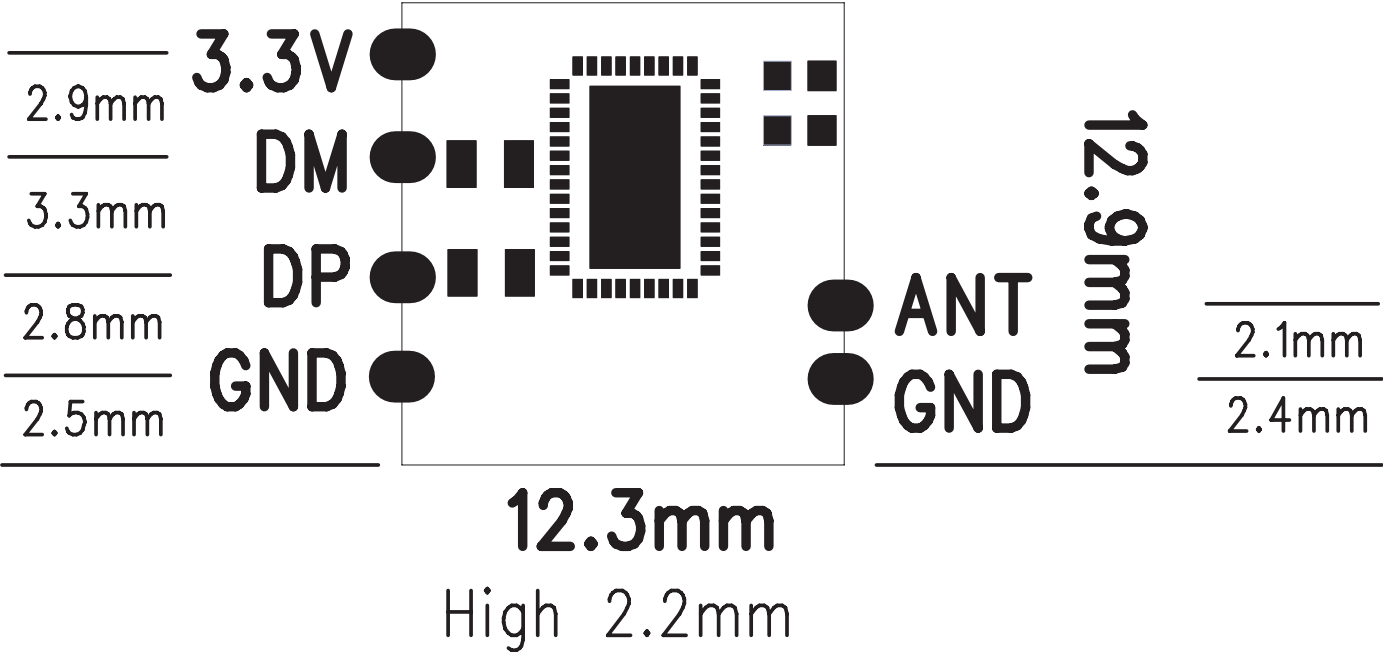
Symbol	Type	Pin No	Description
VD3.3	IO	1	
HSDM	IO	2	High-Speed USB D- Singnal
HSDP	P	3	High-Speed USB D- Singnal
GND	P	4	

4. Operating System

- Windows 2000/XP/VISTA
- Linux
- Win-CE

5. Dimensions

Dimension 12.9mm X 12.3mm X 2.2mm



6. Environment

Operating Temperature	0°C ~ 70°C
Operating Humidity	50% ~ 90% non-condensing