WIFI Module(KK-3000) Use manual

VERSION： Ver_1.0.1

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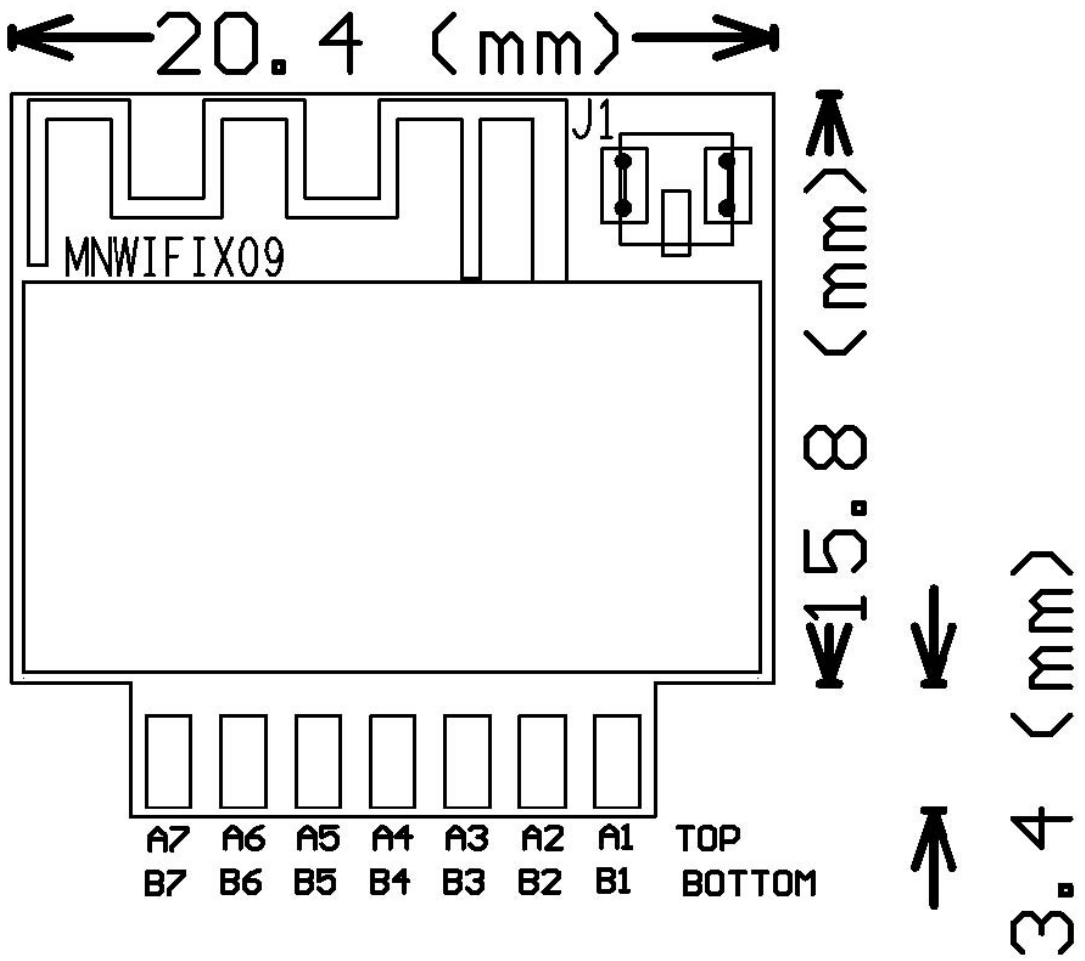
Contents

product size



Picture1 KK3000 size figure

Product parameters

parameter	data	state
WIFI Standard	IEEE 802.11b/g/n	
CPU frequency	160MHz (Max)	
OS	FreeRTOS	
FLASH storage capacity	1MB	
RAM	128KB	
Peripheral interface	UART/IIC/SPI	
GPIO quantity	10	

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Interface explanation

Commissioning procedures

parameter	data	state
WIFI - Standard	IEEE 802.11b/g/n	
CPU frequency	160MHz (Max)	
OS	FreeRTOS	
FLASH storage capacity	1MB	
RAM	128KB	
Peripheral interface	UART/IIC/SPI	
GPIO quantity	10	
Size（mm）	21 x 19.5 x 1	

pin number	function	state
TOP		
A1	GND	Power supply pin， grounding
A2	VCC_33	Power supply pin，3.3V input voltage，300mA（MAX）
A3	UART_TX	UART serial port，Module to receive signals from outside of the TX
A4	UART_RX	UART serial port，Module to receive signals from outside of the RX
A5	GPIO_A5	GPIO A5
A6	GPIO_A6	GPIO A6
A7	GPIO_A7	GPIO A7
BOTTOM		
B1	GPIO_B1	GPIO B1; An external drop-down;Electricity must be hung up or on the pull
B2	GPIO_B2	GPIO B2
B3	GPIO_B3	GPIO B3; An external drop-down;Electricity must be hung up or on the pull
B4	GPIO_B4	GPIO B4; An external drop-down;Electricity must be hung up or on the pull
B5	GPIO_B5	GPIO B5
B6	GPIO_B6	GPIO B6
B7	CHIP_SLEEP	Electricity shall be suspended or pull on; Lower after the module into the deep sleep state, used to save electricity

instructions：

1. WWABCD for module three bytes after the MAC address；

2. MAC address of one dimensional code for the module；

3. KK3000.XX： XX shows the batch of them；

kk3000.xx
wwabcd
FCC ID:2ACJ2KK3000

6 9 2 8 6 1 8 4 0 0 0 1 9

FCC WARNINGS：

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may n ot cause harmful interference, and (2) this device must accept any interfere nce received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

In accordance with FCC Part 15C, this module is listed as a Single Modular Transmitter device.

Therefore, the final host product must be submitted to [KanKunIT Technology Co., Ltd.] for confirmation that the installation of the module into the host is in compliance with the regulations of FCC .Specifically, if an antenna other than the model documented in the Filing is used, a Class 2 Permissive Change must be filed with the FCC.

FCC Label Instructions
The outside of final products that contains this module device must display a label referring to the enclosed module. This exterior label can use wording such as the following: “Contains Transmitter Module FCC ID: 2ACJ2KK3000” or “Contains FCC ID: 2ACJ2KK3000.” Any similar wording that expresses the same meaning may be used.

To satisfy FCC RF Exposure requirements for mobile and base station transmission devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during operation. To ensure compliance, operation at closer than this distance is not recommended. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.