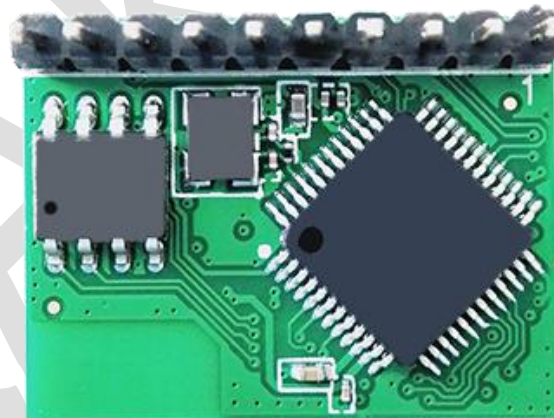
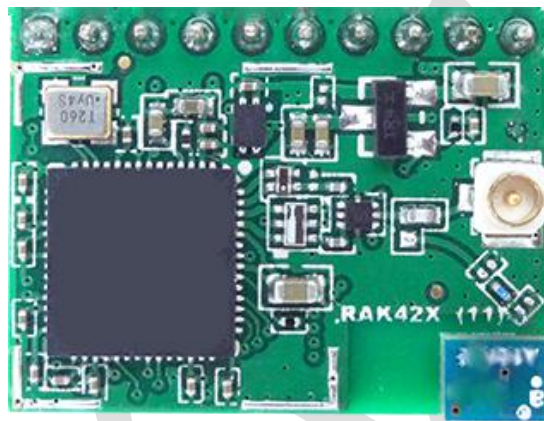


RAK421 SPI WIFI Module

EVB User Guide V1.2



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1 Development Board Introduction

RAK421 Series development board is used to evaluate the SPI function. SPI supports four-wire mode, and optional interrupt INT pin. The peripheral circuit of RAK421 is quite simple, requiring few devices. Development board also supports an interface for testing module power consumption.

The hardware resources needed for Development board are shown as Figure 1-1

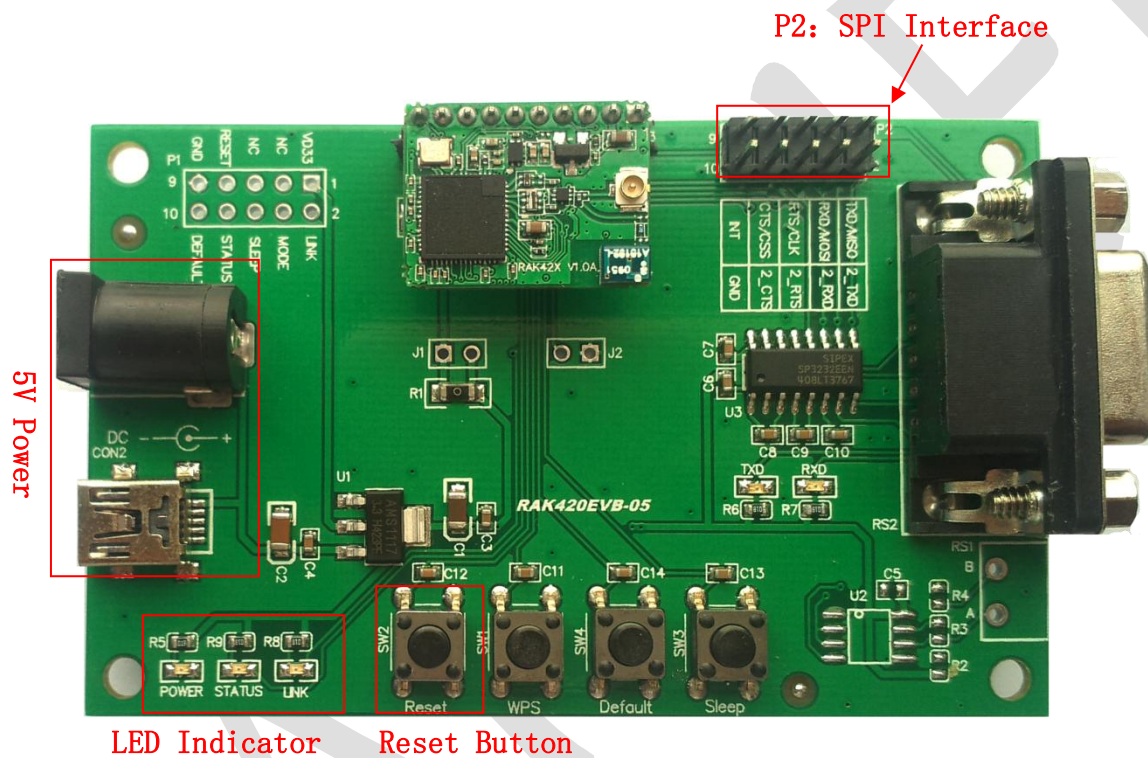


Figure 1-1: Development View

Table 1-2 Major peripheral hardware connection Diagram

Function	Name	Description
External Interface	DC5V /Mini USB	Power Supply, 5V DC input
	RS232	Not used
	RS485	Not used
Button	Reset	Module reset button
Pin out	P1	Pin Reset and Pin Link
	P2	SPI Interface, refer to print detail for interface order
Power consumption Pin	J1	Power Consumption Interface
LED Indicator	LED1	Power Indicator
	LED4	Link Indicator

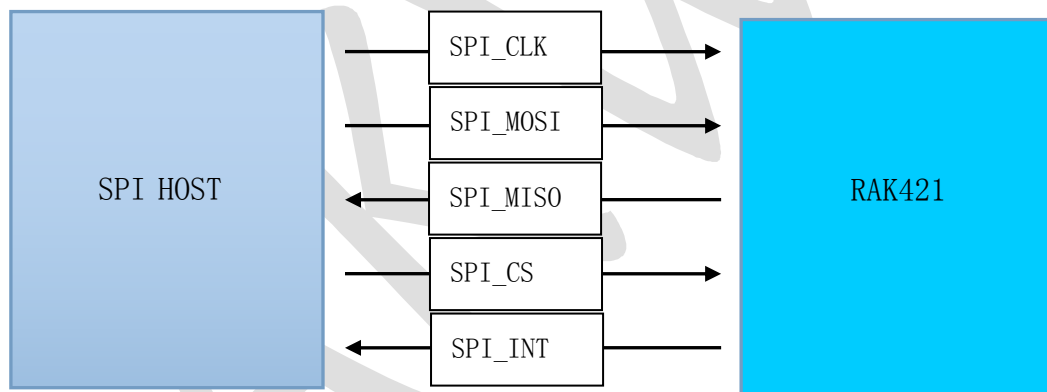


Figure 1-2 SPI Connection Diagram

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3 Revision History

Version	Modification	Data
V1.0	Initial Draft	2014-03-28
V1.1	Update the contact way,Update the document format	2014-08-22
V1.2	Update the Physical picture	2014-08-28