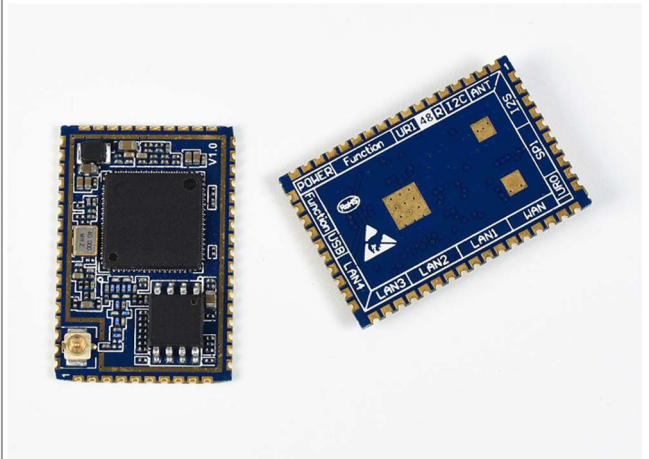


IF05RS,serial to Ethernet Embedded Module,Serial to LAN Embedded Module,serial to 5port switch,serial to WIFI

IF05RS is a low-cost embedded network module integrated with serial port + wifi+ 100mb switch. It has the characteristics of small package, low power consumption and easy integration.This module is integrated with TCP/IP stack, which is easy to use and reduces the development cycle of users.The module supports upper computer or WEB browser (HTML5 is required) to set parameters, so as to easily realize the application of serial port to Ethernet, serial port to wifi, and the serial port baud rate can reach up to 2500000bps, which meets the networking and Ethernet port expansion needs of the industry serial port equipment.

- Super data processing capacity, MCU main frequency up to 580MHz;
- Support for local/remote WEB management, support for one-key configuration upgrade;
- Low power system based on RTOS, suitable for Internet of things and industrial scenarios;
- The network port, WiFi and serial port can be opened and closed according to the requirements of the application scene;
- Wireless support for AP,STA and AP Client modes
- 5 independent 10/100m Ethernet ports without external PHY;
- Support serial Ethernet transmission;
- Support serial port to WiFi transmission;
- Support the operation of 5-port switch in serial port transmission mode;
- Ultra-thin design, stamp packaging, suitable for integration, space saving;
- Support industrial wide temperature working range;



Mechanical Data

Item	Detail
Core	MIPS24KEc
Frequency	580MHz
Memory	64Mb
Flash	32Mb
UART	2
Temperature Range	-40°C~85°C
humidity	Work:10~95%(non-condensable) storage:5~95%(non-condensable)
Size	17.4mm×25.8mm×2.8mm

Electric Specification

Symbolic	function	Min-voltage (V)	typical voltage (V)	Max-voltage (V)
VBAT	supply voltage	3.2	3.3	3.4
I/O	I/O voltage	3.2	3.3	3.4

