

IIM7010

IIM7010 is a module that consists of W3100A, Ethernet PHY and Mac Jack. It's used as a module like a component, no effort is required to interface W3100A and PHY chip. It's the simplest and easiest solution to provide Internet connectivity.

Advantage

Easy design by reusing drop-in network module

No need to know details of network circuits

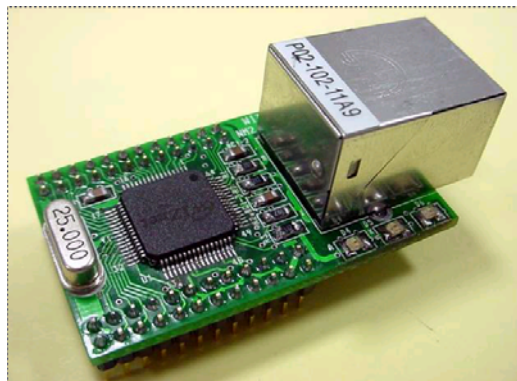
Auto-detecting 10/100 Mbps Ethernet interface

Component

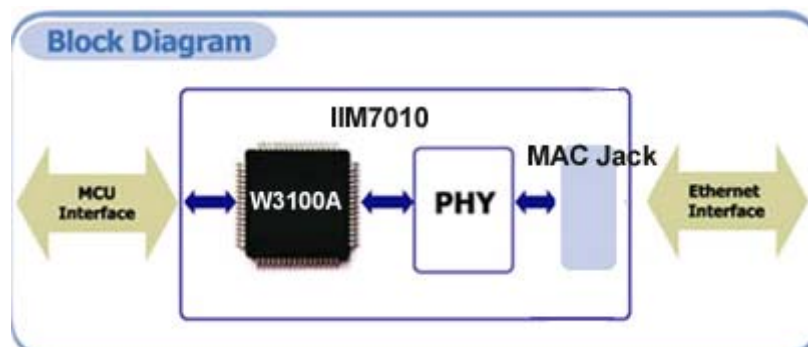
TCP/IP:W3100A

Ethernet physical layer:RTL8201L

Connector:RJ45(with transformer)



Block Diagram



IIM7010 Pin description

JP1

Pin #	Signal	I/O	Description
1	3.3V		Power
2	/INT	O	Interrupt signal
3	/WR	I	Write signal
4	/RD	I	Read signal
5	/CS	I	Chip select signal
6	RESET	I	High active
7,10,9,12,11,14,15~23	A14~A9,A8~A0	I	Address signal
8,13,24	GND		Ground

JP2

Pin #	Signal	I/O	Description
1,4,7,13,14,23	GND		Ground
2	/RESET	I	Low active
3,5,6,8~12	NC		Not connected
21,22,19,20,17,18,15,16	D7~D0	I/O	Data signal
24	3.3V		Power

IIM7010 module dimension

