

# IIM7000

IIM7000 is a module that consists of W3100A and Ethernet PHY.

It's used as a module like a component, no effort is required to interface W3100A and PHY chip. So users can design quickly and easily and save the cost and time-to-market.

## Advantage

Easy design by reusing drop-in network module

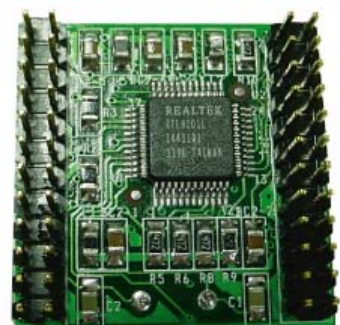
No need to know details of network circuits

Auto-detecting 10/100 Mbps Ethernet interface

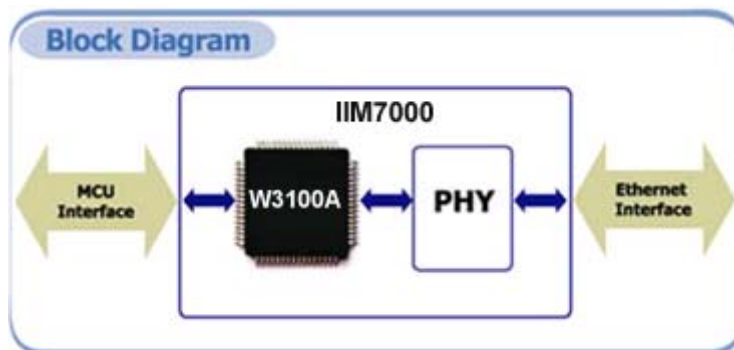
## Component

TCP/IP:W3100A

Ethernet physical layer:RTL8201L



## Block Diagram



## IIM7000 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	TPTX+	O	Network signal
5	TPTX-	O	Network signal
9	TPRX+	I	Network signal
11	TPRX-	I	Network signal
6	/COL_LED	O	Led signal(Collision)
8	/100_LED	O	Led signal(100M)
10	/10_LED	O	Led signal(10M)
12	/LINK_LED	O	Led signal(Link)
21,22,19,20,17,18,15,16	D7~D0	I/O	Data signal
24	3.3V		Power

**IIM7000 Module Dimension**

