

i2Chip makes the difference!

TCP/IP Chip



i2Chip Application Modules

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WIZnet Inc.



Application Modules

- Application modules can be used with EVBs
 - WebCam : Internet camera applications
 - IP Phone : Internet phone and voice applications
 - Remote Controller : Home & factory automation and controlling applications
- Current available application modules

EVb	WebCam	IP Phone	Internet Audio	VoIP	Remote controller
8051(Atmel, Dallas)	O	O	N/A	O	O
i386	O	N/A	N/A	N/A	O
SH-3	O	N/A	O	N/A	O
PIC	N/A	N/A	N/A	N/A	O



Remote Controller Module

- What's Remote Controller Module
 - Total package helping designers to develop internet controlling applications easily
- Functions
 - Web server function
 - Remote on-off control by web-browser
 - LCD display and LED control by web-browser
- Package Included
 - 8051 EVB and Relay board
 - All accessories
 - All source codes and schematics
 - Quick start guide & User's manual
 - Identification for online technical support
 - Serial-Ethernet gateway(Optional)

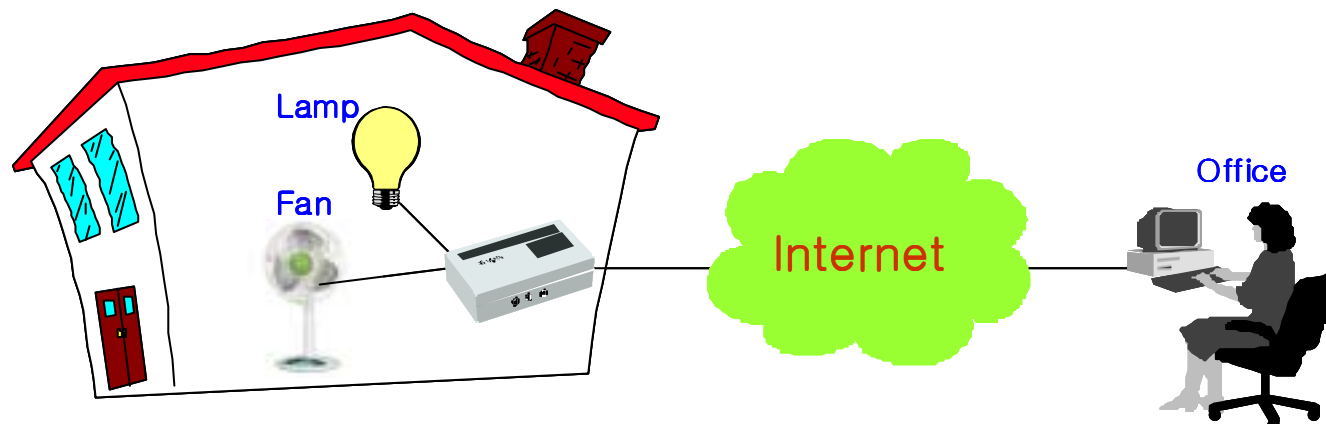


Remote Controller Module



Remote Controller

- Target Market
 - Factory automation, Home automation
 - Remote control, Security system control
 - RS232-Ethernet gateway, Powerline-Ethernet gateway
- Advantages
 - No need for PC or high-speed MCU for remote control
 - Reduced human resources for maintenance
 - Minimize noise caused in industrial environments
- Application Example





Specification

Items	Sub-items	Detail Specification
CPU Types	8051	SRAM : 32 Kbytes (External SRAM) Flash : 32 Kbytes
Networking	i2Chip	High speed Hardware TCP/IP (TCP, UDP, IP, ARP, ICMP) 4 Concurrent Channel Support Ethernet DLC and MAC integrated
Supporting application protocols	HTTP, SMTP, DHCP	E-mail sending & receiving, Web server function, Dynamic IP supporting
Power		5V single power
Security	Login	Password Protection