



PIC-WEB is compact board with 65x60 mm size which is supported by Microchip's open source TCP-IP stack AN833.

The board is designed with PIC18F452 microcontroller and ENC28J60 Ethernet controller and support: SLIP, ARP, IP, ICMP, TCP, UDP, HTTP, DHCP, FTP.

The Microchip stack is written very modular and flexible and you can enable or disable modules and supports dynamic web pages which give you the possibility to control all PIC resources remotely via FTP, HTTP, UDP, TCP etc. With this board you can implement web and ftp server, send e-mails and almost everything what the big servers do. The on board 1Mbit serial flash is available for data storage.

The module features are:

- **PIC18F452** microcontroller
- **ENC28J60** 10 Mbit Ethernet controller
- **RJ45** connector with build in Ethernet transformer and two status LEDs
- **RS232** connector and interface
- ICSP for programming and debugging
- User button
- Reset button
- status LED
- Analogue trimmer potentiometer
- Thermistor for temperature monitoring
- PCB: FR-4, 1.5 mm (0,062"), red soldermask, white silkscreen component print
- Dimensions: 65x60 mm (2.55x2.36")

Modified Microchip's stack for PIC-WEB is available for download on our web.

All boards come pre-loaded with the stack and stack configuration can be made with hyper terminal via RS232 after reset.

To access the web server pages you must apply power supply, connect the PIC-WEB to your computer or LAN and point your browser to <http://192.168.0.30> . Please disable DHCP if the web page don't show on this address.

