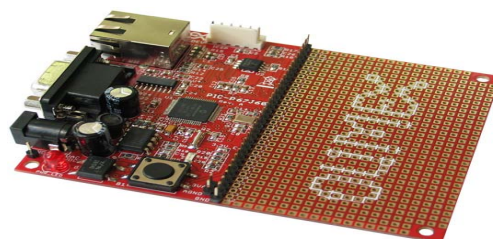# Olimex - PIC-P67J60 - Ethernet – Evaluation Kit

Product Overview:

If you want to build your own Internet enabled device this is the board for you. It has PIC18F67J60 microcontroller which has integrated Ethernet MAC+PHY and comes pre-programmed with Microchip's free TCP-IP stack. So all you need is to add your circuit in the prototype area and you are ready! With 128K Flash memory for programs and 128KB Flash memory your application will not suffer from low memory at all.

Key Features:

The PIC-P67J60 prototype board has the following features:

- PIC18F67J60 microcontroller with Ethernet and 1Mbit memory for code
- 1Mbit data Flash for data storage
- Mini ICSP/ICD connector for programming with PIC-ICD2
- Ethernet connector with status LEDs
- RS232 driver and connector
- Complete web server and TCP-IP stack support as per Microchip's open source TCP-IP stack
- All PIC free ports available on header close to the prototype area
- Dimensions 100x80 mm (3.94 x 3.4")

Ordering Information:

Products:

Part Number	Manufacturer	Farnell P/N	Newark P/N
PIC-P67J60	Olimex	1701535	25R4928

Associated Products:

Part Number	Manufacturer	Description	Farnell P/N	Newark P/N
PIC18F67J60-I/PT	Microchip	8-Bit Microcontroller IC	1332285	56K7302

Similar Products:

Part Number	Manufacturer	Description	Support Device	Farnell P/N	Newark P/N
DM183033	Microchip	Internet Radio Demo Board	PIC18F67J60	1629964	07P9074

Document List:

Datasheets:

Part Number	Description	Size
PIC18F67J60	PIC18F97J60 Family Data Sheet	7.56MB

Application Notes:

File Name	Size
Understanding PIC WEB Boards And How to Use Microchip's TCP-IP Stack	497.68KB
MiWi Wireless Networking Protocol Stack	634.46KB
Emulating Data EEPROM for PIC18 and PIC24 MCUs and dsPIC DSCs	368KB
Microchip MiWi P2P Wireless Protocol	370.95KB
Class B Safety Software Library for PIC MCUs and dsPIC DSCs	398KB
Microchip TCP/IP Stack Application Note	429.14KB
An SNMP Agent for the Microchip TCP/IP Stack	564.53KB

Hardware & Software:

File Name	Size
PIC-P67J60 Schematic	60.5KB
Microchip TCP-IP Stack 5.00 modified for PIC-P67J60	432KB