

PIC32 Ethernet Starter Kit II Information Sheet

The PIC32 Ethernet Starter Kit II (DM320004-2) provides a low-cost method for the development and testing of Ethernet-based applications with PIC32 devices.

This evaluation kit includes the PIC32 Ethernet Starter Kit II Development Board, the LAN8740 PHY Daughter Board, an Ethernet patch cord, and two USB cables (Standard-A to Micro-B and a Standard-A to Mini-B).

The board features a Mini-B USB port for debugging, a Standard-A USB port for the embedded host, and a Micro-AB USB Host/Device/OTG port. The PHY daughter board features an RJ-45 Ethernet port for network connectivity.

Installing MPLAB® X IDE and MPLAB XC32 C/C++ Compiler

Before you use the PIC32 Ethernet Starter Kit II, it is important to install the Microchip MPLAB® X Integrated Development Environment (IDE) and the MPLAB XC32 C/C++ Compiler. Both the MPLAB X IDE and the MPLAB XC32 C/C++ Compiler are free (see the following note) and are available for download at <http://www.microchip.com/MPLAB> and <http://www.microchip.com/compilers>, respectively.

Note: Standard Evaluation (Free) – All optimization levels are enabled for 60 days, but then reverts to optimization level 1 only.

Running the Demonstration Code and More Information

For the free Microchip TCP/IP demonstration code and more information, please visit the PIC32 Ethernet Starter Kit II page at: <http://www.microchip.com>. From the Design menu, click **Development Tools**. Then, from the Starter Kits menu, click **Starter Kits**, and then click **PIC32 Ethernet Starter Kit II**. On this page, you will find several demonstrations and code examples that will run on the starter kit.

For information on running a demonstration, please read the accompanying `ReadMe.txt` file for the particular demonstration.

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Netherlands - Drunen - 31-416-690399
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Australia - Sydney - 61-2-9868-6733
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