

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.

Americas

Atlanta - 678-957-9614
Austin - 512-257-3370
Boston - 774-760-0087
Chicago - 630-285-0071
Cleveland - 216-447-0464
Dallas - 972-818-7423
Detroit - 248-848-4000
Houston - 281-894-5983
Indianapolis - 317-773-8323
Los Angeles - 949-462-9523
New York - 631-435-6000
Phoenix - 480-792-7200
Santa Clara - 408-961-6444
Toronto - 905-673-0699

Europe

Austria - Wels - 43-7242-2244-39
Denmark - Copenhagen - 45-4450-2828
France - Paris - 33-1-69-53-63-20
Germany - Munich - 49-89-627-144-0
Italy - Milan - 39-0331-742611
Netherlands - Drunen - 31-416-690399
Spain - Madrid - 34-91-708-08-90
UK - Wokingham - 44-118-921-5869

Asia/Pacific

Australia - Sydney - 61-2-9868-6733
China - Beijing - 86-10-8569-2100

Asia/Pacific (Continued)

China - Chengdu - 86-28-8665-5511
China - Chongqing - 86-23-8980-9588
China - Hangzhou - 86-571-2819-3187
China - Hong Kong SAR - 852-2943-5100
China - Nanjing - 86-25-8473-2460
China - Qingdao - 86-532-8502-7355
China - Shanghai - 86-21-5407-5533
China - Shenyang - 86-24-2334-2829
China - Shenzhen - 86-755-8864-2200
China - Wuhan - 86-27-5980-5300
China - Xiamen - 86-592-2388138
China - Xian - 86-29-8833-7252
China - Zhuhai - 86-756-3210040
India - Bangalore - 91-80-3090-4444
India - New Delhi - 91-11-4160-8631
India - Pune - 91-20-3019-1500
Japan - Osaka - 81-6-6152-7160
Japan - Tokyo - 81-3-6880-3770
Korea - Daegu - 82-53-744-4301
Korea - Seoul - 82-2-554-7200
Malaysia - Kuala Lumpur - 60-3-6201-9857
Malaysia - Penang - 60-4-227-8870
Philippines - Manila - 63-2-634-9065
Singapore - 65-6334-8870
Taiwan - Hsin Chu - 886-3-5778-366
Taiwan - Kaohsiung - 886-7-213-7840
Taiwan - Taipei - 886-2-2508-8600
Thailand - Bangkok - 66-2-694-1351

10/28/13



MICROCHIP

Microchip Technology Inc. • 2355 West Chandler Blvd. • Chandler, AZ 85224-6199

www.microchip.com

The Microchip name and logo, the Microchip logo, and MPLAB are registered trademarks of Microchip Technology Incorporated in the U.S.A. and other countries. All other trademarks mentioned herein are property of their respective companies. © 2014, Microchip Technology Incorporated, Printed in the U.S.A. All Rights Reserved. 01/14

DS50002247A

