

PIC32MZ Embedded Connectivity (EC) Starter Kit Information Sheet

The PIC32MZ Embedded Connectivity (EC) Starter Kit (DM320006 for non-Crypto development or DM320006-C for Crypto development) provides a low-cost method for the development and testing of USB and Ethernet-based applications with PIC32MZ EC devices.

This evaluation kit includes the PIC32MZ EC Starter Kit board, a PHY daughter board, an Ethernet patch cord, and two USB cables (a 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 PIC32MZ EC Starter Kit, it is important that you have installed 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/compiler>, 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 PIC32MZ Embedded Connectivity (EC) Starter Kit 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 **PIC32MZ EC Starter Kit**. 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

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Cleveland - 216-447-0464
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Indianapolis - 317-773-8323
Los Angeles - 949-462-9523
Phoenix - 480-792-7200
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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
China - Chengdu - 86-28-8665-5511
China - Chongqing - 86-23-8980-9588

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China - Hangzhou - 86-571-2819-3187
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China - Nanjing - 86-25-8473-2460
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Korea - Seoul - 82-2-554-7200
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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 - 886-7-213-7828
Taiwan - Taipei - 886-2-2508-8600
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