

PIC32MX1XX/2XX Starter Kit Information Sheet

The PIC32MX1XX/2XX Starter Kit (DM320013) provides a low-cost method for the development and testing of audio and touch-based applications with PIC32 devices. This board features a codec with an I²S interface, a touch slider with a CTMU interface, an LCD, a SD card slot, and an on-board debugger.

Installing MPLAB[®] IDE and C Compilers

Before you use the PIC32MX1XX/2XX Starter Kit, it is important that you have installed the Microchip MPLAB[®] Integrated Development Environment (IDE). MPLAB IDE provides the assembler tools you will use for development. You will also need a C compiler for the demonstration code. The MPLAB C Compiler seamlessly integrates into MPLAB IDE. Both the MPLAB IDE and C Compiler are free (see the note below) 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 revert to optimization level 1 only.

Demonstration Code and More Information

For demonstration code and more information, please visit the PIC32MX1XX/2XX 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 **PIC32MX1XX/2XX Starter Kit**. From the Downloads table at the bottom of the page, click the **PIC32 I2S Demo** link.

Running the Demonstration Code

After downloading the demonstration code and installing the development tools, please use the procedure outlined in the readme.txt file included with the demonstration code to download and run this application.

Americas

Atlanta - 678-957-9614
Boston - 774-760-0087
Chicago - 630-285-0071
Cleveland - 216-447-0464
Dallas - 972-818-7423
Detroit - 248-538-2250
Indianapolis - 317-773-8323
Los Angeles - 949-462-9523
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
China - Chengdu - 86-28-8665-5511

Asia/Pacific (Continued)

China - Chongqing - 86-23-8980-9588
China - Hangzhou - 86-571-2819-3187
China - Hong Kong SAR - 852-2401-1200
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China - Qingdao - 86-532-8502-7355
China - Shanghai - 86-21-5407-5533
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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 - 886-3-5770-955
Taiwan - Taipei - 886-2-2500-6610
Thailand - Bangkok - 66-2-694-1351



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