

PIC32 USB Starter Kit III Information Sheet

The PIC32 USB Starter Kit III (DM320003-3) provides a low-cost method for the development and testing of USB Host and Device applications with PIC32MX430/450 devices. This evaluation kit includes the PIC32 USB Starter Kit III board, standard A to mini-B USB cable for the debugger, standard A to micro-B cable for the USB application development, three user-programmable LEDs, and three push button switches.

Installing MPLAB® IDE and C Compilers

The MPLAB Integrated Development Environment (IDE) should be installed prior to using the PIC32 USB Starter Kit III. While MPLAB IDE provides the assembler tools for development, the Microchip demonstration code requires installation of a C compiler. Microchip's MPLAB C Compiler seamlessly integrates into MPLAB IDE. Both the MPLAB IDE and MPLAB C Compiler are free (see the following note) and are available for download at www.microchip.com/MPLAB and 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.

Microchip Demonstration Code and More Information

For the free Microchip demonstration code and more information, please visit the PIC32 USB Starter Kit III page at: www.microchip.com. From the Design menu, click **Development Tools**. Then, from the Starter Kits menu, click **Starter Kits**, and then click **PIC32 USB Starter Kit III**. From the downloads section, select the desired device application.

Running the PIC32 USB Starter Kit III Demonstration Code

After downloading and installing the Microchip development tools, please refer to the README.txt file in the demonstration folder for instructions on running the code.

Americas

Atlanta - 678-957-9614
Boston - 774-760-0087
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Cleveland - 216-447-0464
Dallas - 972-818-7423
Detroit - 248-538-2250
Indianapolis - 317-773-8323
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Phoenix - 480-792-7200
Santa Clara - 408-961-6444
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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

Asia/Pacific (Continued)

China - Hangzhou - 86-571-2819-3187
China - Hong Kong SAR - 852-2401-1200
China - Nanjing - 86-25-8473-2460
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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 - 886-7-536-4818
Taiwan - Taipei - 886-2-2500-6610
Thailand - Bangkok - 66-2-694-1351

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

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401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
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Skype ameyasales1 ameyasales2

➤ Customer Service :

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➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com