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.

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