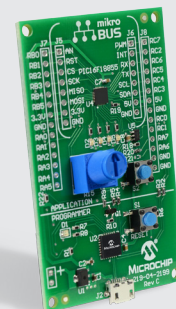


MPLAB® Xpress Evaluation Boards

Xpress Your Creativity

The creative process is often blunted by the massive array of choices required to simply begin the development cycle. The tasks of selecting a target MCU, finding the appropriate tool chain and setting everything up on your PC can keep your best ideas from becoming great products. MPLAB Xpress Evaluation Boards were designed with a single objective – to help your ideas take the shortest journey from imagination to reality.



On-Board Application Processor

Each MPLAB Xpress Evaluation Board features an 8-bit PIC® microcontroller – chosen for its unique combination of low power consumption, performance to handle almost any application task and on-chip peripherals that enable you to control your system with a minimal amount of code.

Drag-and-Drop Programming

MPLAB Xpress Evaluation Boards feature a unique drag-and-drop programmer for compatibility with almost any USB-connected PC, laptop or tablet, with no drivers required. Programming is completed in microseconds, with no waiting.

Designed for MPLAB Xpress IDE

MPLAB Xpress Evaluation Boards offer seamless integration with our software tool chain, including the MPLAB Xpress Cloud-Based IDE. This simplified and distilled application is a faithful reproduction of our desktop-based program, which allows you to easily transition between the two environments.

Key Features

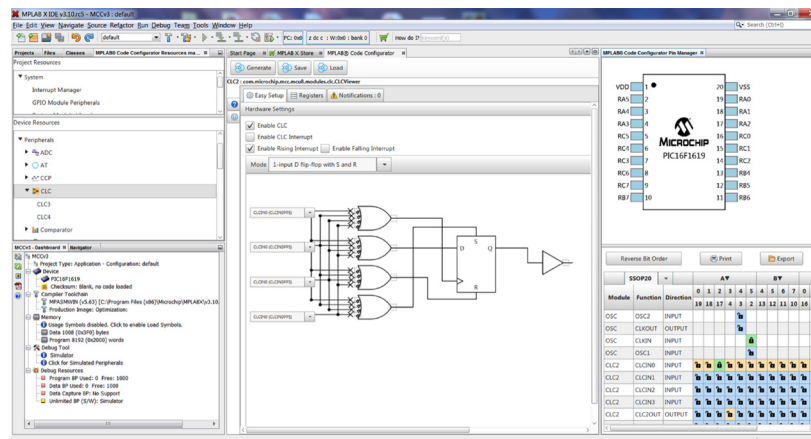
- Compact footprint offers flexibility during prototyping phase
- On-board 8-bit MCUs support a wide range of applications
- Integrated drag-and-drop programmer with USB interface
- Integrates seamlessly with MPLAB X IDE, MPLAB Xpress IDE and MPLAB Code Configurator for the quickest development

Get Started Now

Getting started has never been easier. Simply point your favorite web browser to www.microchip.com/xpress, plug in your MPLAB Xpress Evaluation Board and begin building your next award-winning design.

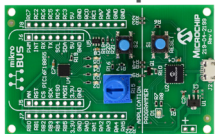
Compatible with MPLAB Code Configurator

MPLAB Code Configurator (MCC) is a free software plugin – available in both the MPLAB X IDE and MPLAB Xpress IDE – that bridges our MCUs, development hardware, and your code. With MCC, you can easily generate modifiable, production-ready application code for the MPLAB Xpress Evaluation Boards in just a few mouse clicks. Find out more at www.microchip.com/MCC.



General-Purpose MPLAB Xpress Evaluation Boards

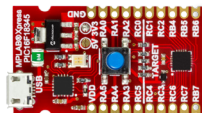
MPLAB Xpress Evaluation Board (DM164140)



The original MPLAB Xpress Evaluation Board (DM164140) features the versatile PIC16F18855 MCU, which supports a wide range of embedded applications. This highly integrated board also features on-board LEDs, a potentiometer, and a mikroBUS™ header for expansion with more than 300 MikroElektronika click boards™.

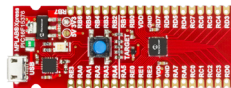
Device-Specific MPLAB Xpress Evaluation Boards

MPLAB Xpress PIC16F18345 Evaluation Board (DM164141)



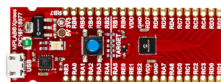
The MPLAB Xpress PIC16F18345 Evaluation Board supports the versatile and low-power PIC16F183xx family of MCUs.

MPLAB Xpress PIC16F15376 Evaluation Board (DM164143)



The MPLAB Xpress PIC16F15376 Evaluation Board supports the flexible, cost-effective PIC16F153xx family of MCUs.

MPLAB Xpress PIC16F18877 Evaluation Board (DM164142)



The MPLAB Xpress PIC16F18877 Evaluation Board supports the powerful PIC16F188xx family of MCUs.