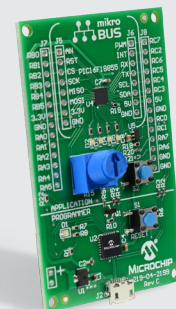


# MPLAB® Xpress Evaluation Boards

## 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

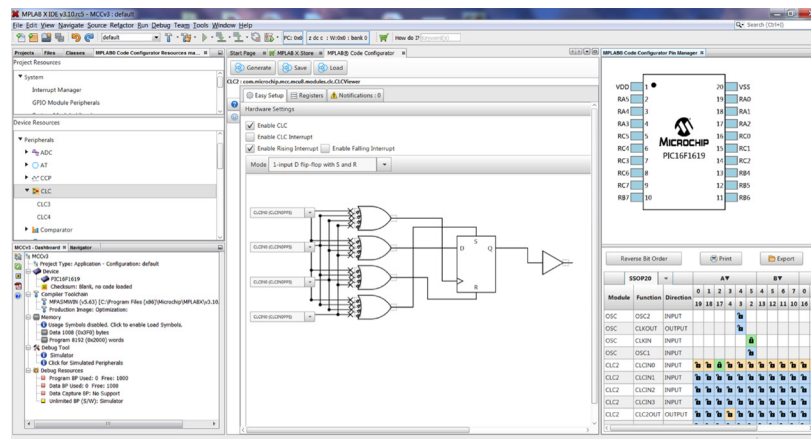
- Compact footprint offers flexibility during prototyping phase
- On-board 8-bit MCUs support a wide range of applications
- Integrated drag-and-drop programmer with USB interface
- Integrates seamlessly with MPLAB X IDE, MPLAB Xpress IDE and MPLAB Code Configurator for the quickest development

## Get Started Now

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

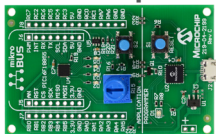
## Compatible with MPLAB Code Configurator

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](http://www.microchip.com/MCC).



## General-Purpose MPLAB Xpress Evaluation Boards

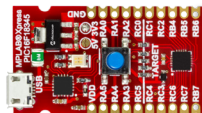
### MPLAB Xpress Evaluation Board (DM164140)



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 MikroElektronica click boards™.

## Device-Specific MPLAB Xpress Evaluation Boards

### MPLAB Xpress PIC16F18345 Evaluation Board (DM164141)



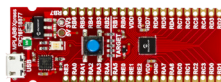
The MPLAB Xpress PIC16F18345 Evaluation Board supports the versatile and low-power PIC16F183xx family of MCUs.

### 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.