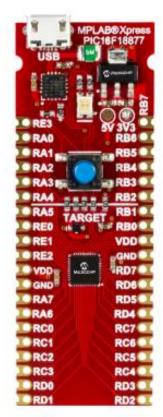| Part Number	Description
DM164142	MPLAB(R) Xpress PIC16F18877 Evaluation Board

Overview

Crafted for Cloud-Based Development

The MPLAB Xpress PIC16F18877 Evaluation board offers seamless integration with our software tool chain, including the MPLAB Xpress cloud-based IDE. MPLAB Xpress is an online development environment that contains the most popular features of our award-winning MPLAB X IDE. This simplified & distilled application is a faithful reproduction of our desktop-based program, which allows users to easily transition between the two environments.

On-Board Application Processor

The PIC16F18877 MCU is the centerpiece of the MPLAB Xpress board. The product family features a 10-bit ADC with Computation (ADC2) for automated signal analysis, helping reduce system complexity. The MCUs include Core Independent Peripherals, communication, CRC/SCAN, Hardware Limit Timer (HLT) and Windowed WDT (WWDT) to support customers looking to add safety and monitoring to their system. Additionally, these products also feature power conserving functionality, including Idle/Doze operating modes, Peripheral Module Disable (PMD) and eXtreme Low-Power (XLP) technology for a wide range of applications.

Drag-and-Drop Programming

Programming the MPLAB Xpress PIC16F18877 Evaluation Board is quick and easy. We've integrated a unique drag-and-drop programmer for compatibility with almost any USB-connected PC, laptop, or tablet. The MPLAB Xpress Evaluation board connects to your PC as a USB Flash drive, so no drivers are needed. Programming of the target device is completed in microseconds, with no waiting.

Features

- Integrates seamlessly with MPLAB Xpress cloud-based IDE and MPLAB Code Configurator for the

  quickest development cycle

- On-Board PIC16F18877 MCU Application Processor

- Integrated Drag-and-Drop Programmer with USB Interface- no drivers required!

- Compact footprint offers flexibility during prototyping phase

Package Contents

MPLAB Xpress PIC16F18877 Evaluation Board