



Part Number	Description
DM164141	MPLAB(R) Xpress Evaluation Board PIC16F18345



Overview

Crafted for Cloud-Based Development

The MPLAB Xpress PIC16F8345 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 PIC16F18345 MCU is the centerpiece of this MPLAB Xpress board. The product family features a high level of core independent peripherals that can be combined to perform a wide variety of functions without the core. The integration of the peripherals, allow for interconnections that bring a new level of interaction between peripherals enabling unsurpassed flexibility in creating functions for a wide range of applications including consumer electronics, Internet of Things (IoT) and wearable technology applications. These products also include power conserving functionality, including Idle/Doze operating modes and Peripheral Module Disable (PMD) in addition to XLP low-power technology.

Drag-and-Drop Programming

Programming the MPLAB Xpress PIC16F18345 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 PIC16F18345 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 PIC16F8345 Evaluation Board