DM182027 - MPLAB Xpress PIC18F47K40 Evaluation Board ★
Part Number: DM182027

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Xpress Your Creativity

Brilliant ideas are fleeting. As soon as they are recognized, they must be captured quickly, and made real with the highest possible urgency. In embedded design, 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. The MPLAB Xpress PIC18F47K40 Evaluation Board (DM182027) was designed with a single objective – to help your ideas take the shortest journey from imagination to reality.

Crafted for Cloud-Based Development

The MPLAB Xpress PIC18F47K40 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

PIC18F47K40 microcontrollers combine large Flash/EE/RAM memory, rich peripheral integration, XLP and 5V support to suit a variety of general purpose applications. These 40-pin devices deliver Core Independent Peripherals such as CWG, WWDT, CRC/Memory Scan, Hardware CVD, Zero-Cross Detect and Peripheral Pin Select, providing for increased design flexibility and lower system cost.

Drag-and-Drop Programming

Programming the MPLAB Xpress PIC18F47K40 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 | Package Contents |

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

On-Board PIC18F47K40 MCU Application Processor

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

Compact footprint offers flexibility during prototyping phase

Visit our MPLAB Xpress Cloud-based IDE homepage to Login and for all other relevant information.

Documentation & Software

Documents	Last Updated	Size	
★ Getting Started Using 8-bit MCUs in the MPLAB Xpress Ecosystem User's Guide	1/23/2018 2:11:24 PM	2MB	
★ MPLAB Xpress Evaluation Board User Guide	11/17/2017 9:46:56 AM	2MB	
★ PIC18F K40 Sell Sheet	11/2/2016 10:03:58 AM	946KB	
★ PIC18F47K40	10/10/2014 2:30:00 AM	0KB	