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Part Number: DV164055

MPLAB® ICD 5 In-Circuit Debugger/Programmer ☆

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MPLAB ICD 5 Contains versatile and easy-to-use connectivity features for debugging and programming

- USB Type-C® cable interface makes it easy to connect to a PC
- High-Speed USB 2.0 host PC interface supports speeds up to 480 Mbps for fast data transfer rates

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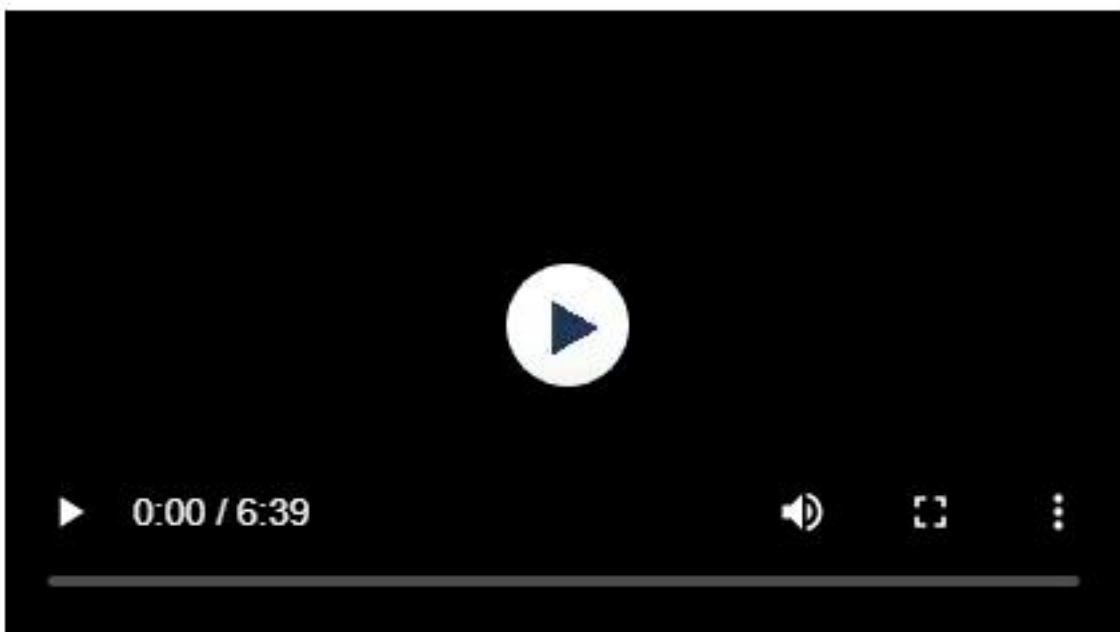When can I get more? ⓘ

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Overview

The MPLAB® ICD 5 In-Circuit Debugger/Programmer offers advanced connectivity and power options for developers of designs based on PIC®, AVR® and SAM devices and dsPIC® Digital Signal Controllers (DSCs). It debugs and programs with the powerful and easy-to-use graphical user interface of MPLAB X Integrated Development Environment (IDE). This next-generation tool offers a variety of capabilities and features that you would normally find in more expensive products to speed up your development and reduce your debug time.

With its support for Fast Ethernet connectivity and Power over Ethernet Plus (PoE+), the MPLAB ICD 5 Debugger/Programmer offers flexibility and the convenience of remote development while isolating your application from environmental conditions.

Whether you're an experienced developer or just starting out, the MPLAB® ICD 5 In-Circuit Debugger/Programmer will accelerate your development process and help you take your designs to the next level.

Videos

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Package Contents

- One MPLAB ICD 5 In-Circuit Debugger and Programmer
- One USB Type-C to Type-C cable
- One adapter kit

System Requirements

- Available USB 2.0 port
- Microsoft Windows 10 or later, macOS® or Linux® operating systems
- MPLAB X IDE version 6.10 or later

Related Tools

MPLAB X INTEGRATED DEVELOPMENT ENVIRONMENT (IDE)

MPLAB® X Integrated Development Environment (IDE) is an expandable, highly configurable software program that incorporates powerful tools to help you discover, configure, develop, debug and qualify embedded designs for

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AVR Programming Adapter

The AVR® Programming Adapter kit (AC31S18A) provides an easy way to access the signals used for the standard programming interfaces SPI, TPI, PDI, UPDI, and AVR JTAG when using MPLAB®

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All Application Notes

Documentation

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