

# Hands On with MPLABX<sup>®</sup> Simulator

DATE: 3/31/2023

TIME: 9:00 am to 4:00 pm

LOCATION: Microchip Technology Regional Training Center, 112 Turnpike Road, Suite 200, Westborough Executive Park, Westborough, Massachusetts 01581

COURSE DESCRIPTION: Simulate code using the Microchip Simulator to debug and analyze without hardware. Students write the code, and debug their project using many capabilities of the simulator.

PREREQUISITES: Basic familiarity with PIC<sup>®</sup> Microprocessors, C, and MPLAB<sup>®</sup> X.

## OUTLINE:

- Review of setting up a project
- Simulator design / capabilities
- Injection
- MDB (Microchip Debugger)
- Extending the simulator
- Debugging your project

## MATERIALS PROVIDED:

- PDF of presentation.
- Sample code routines used in class and software

## REQUIRED:

- Your computer with MPLAB<sup>®</sup> X and XC8 installed.
- Payment by 3/24/2023

FEE: \$349.00 per person.

ACCEPTED PAYMENT: Check, PayPal, or Credit Card.

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