

# ChipKIT® uC32 32 bit Dev Kit Hands on

DATE: 10/5/18

TIME: 9:00 am to 4:00 pm

LOCATION: Microchip Technology Regional Training Center, 112 Turnpike Road, Suite 100, Westborough Executive Park, Westborough, Massachusetts 01581

COURSE DESCRIPTION: Learn how to get up and running with the ChipKIT® uC32 Development Board that is based on the popular Arduino® open-source prototyping platform and features the performance of a powerful PIC32 microcontroller. Hardware interfacing and programming alternatives will be explored. Students will design and write code, then debug their project on the ChipKIT® uC32 Development Board that they will take home with them after this class is over.

PREREQUISITES: Basic familiarity with PIC® Microprocessors, Arduino, and C

## OUTLINE:

- Review of the Arduino® Platform
- Introduction to the ChipKIT® uC32 Development Board
- Hardware interfacing to the ChipKIT® uC32 Development Board
- Firmware design with Arduino® add ins
- Programming the ChipKIT® uC32 Development Board
- Debugging your project

## MATERIALS PROVIDED:

- ChipKIT® uC32 Development Board and USB cable
- PDF of presentation
- Open Source Dev tools

## REQUIRED:

- Your computer with the Arduino® IDE 1.8.2 or later installed.
- Payment 2 weeks in advance

FEE: \$399.00 per person.

ACCEPTED PAYMENT: Check, PayPal, or Credit Card.

TO REGISTER: Email [Mchipguru@gmail.com](mailto:Mchipguru@gmail.com) for payment information and available discounts.