

# Hands on with Chipkit uC32 32 bit Dev Kit

DATE: 9/15/17

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: Using the Chipkit uC32 Dev Board to replace the Arduino with a 32 bit platform. Hardware interfacing and programming alternatives will be explored. Students will design and write code, then debug their project on the Chipkit uC32 that they will leave with.

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.