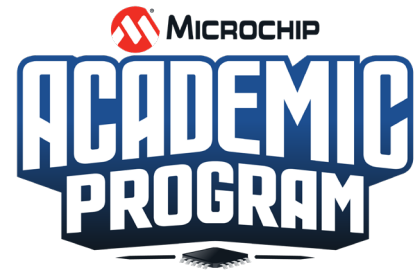


Academic Program



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Scalable Hardware and Software

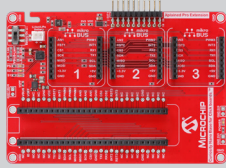
- Low-cost and easy-to-use architectures featuring 8-/16-/32-bit PIC[®] microcontrollers (MCUs), 8-bit AVR[®] MCUs, and 32-bit Arm[®] MCUs that support every approach you want to use for teaching MCUs and embedded systems
- Free use of our MPLAB[®] Tools, including MPLAB X Integrated Development Environment (IDE), MPLAB XC Compilers, MPLAB Code Configurator, and more
- Free use of MPLAB Extensions for Microsoft[®] Visual Studio Code[®] (VS Code[®]) which allows you to use select MPLAB tools, including MPLAB Code Configurator, within VS Code

Development Boards for Every Situation

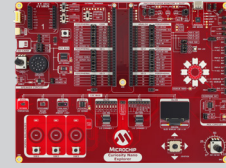
We offer a wide array of lab-based tools, student-owned/in-classroom tools, and low-cost secure end node IoT tools.

Curiosity Nano Development Platform: All the Power, None of the Size

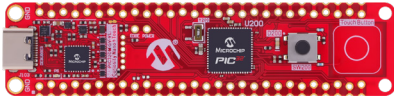
- Cost-effective and customizable platform with on-board debugging capabilities enabling rapid embedded development
- Featuring a variety of 8-bit PIC[®] and AVR[®] MCUs, 16-bit PIC MCUs and 32-bit Arm[®] Cortex[®] core-based MCUs, PIC64GX MCUs, and dsPIC33C DSCs allowing you to easily evaluate different architectures for your design
- Includes cost-effective Curiosity Nano boards and the versatile Curiosity Nano Base for Click boards[™] to provide you with an excellent starting point for creating innovative designs
- The Curiosity Nano Explorer provides extensive on-board features that allow users to explore and experiment with the MCU peripherals of their Curiosity Nano development board



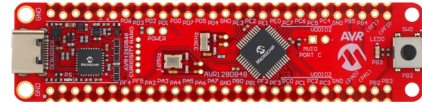
Curiosity Nano Base for Click boards™ (AC164162)



Curiosity Nano Explorer (EV58G97A)



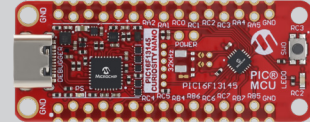
PIC32CM GV-Value Line Curiosity Nano + Touch Evaluation Kit (EV80D90A)



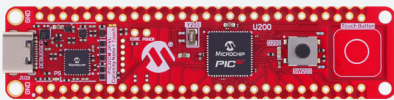
AVR128DB48 Curiosity Nano (EV35L43A)



AVR64EA48 Curiosity Nano (EV66E56A)



PIC16F13145 Curiosity Nano (EV06M52A)



PIC32CM JH-Value Line Curiosity Nano + Touch Evaluation Kit (EV16B95A)



PIC32CM LS00 Curiosity Nano + Touch Evaluation Kit (EV41C56A)

IoT Boards

Low-cost Classroom/Student-Owned End-node IoT Boards

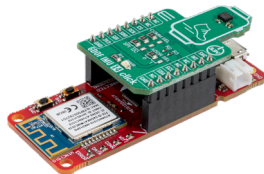
- Utilizing one of the most complete embedded systems in the industry, from sensor to cloud and everything in between
- Designed and built to be all-in-one solutions
- Quick and easy development and prototyping of your cloud-based projects
- Wireless connectivity allows you to quickly incorporate your designs on boards featuring wireless ICs and modules utilizing Wi-Fi®, Bluetooth®, LoRa®, and ZigBee®
- Comprehensive security features provided for embedded systems projects gives numerous options for your projects



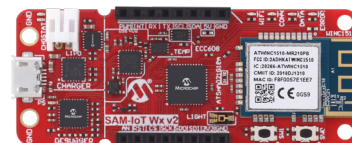
Microchip Zero Touch Secure Provisioning Kit (AT88CKECC-AWS-XSTK-B)



PIC32CX-BZ2 and WBZ451 Curiosity Development Board (EV96B94A)

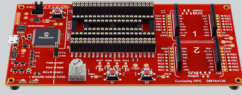


SAMD21 Machine Learning Evaluation Kit (EV18H79A)



SAM-IoT Wx v2 Development Board (EV62V87A)

General Purpose Lab-based Development Boards



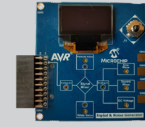
Curiosity High Pin Count (HPC) Development Kit (DM164136)



PIC64GX Curiosity Kit (CURIOSITY-PIC64GX1000-KIT)



PolarFire® SoC Discovery Kit (MPFS-DISCO-KIT)



Signal and Noise Generator (DM080100)

Programming and Debugging

We offer multiple cost-effective options for fast and easy programming and debugging



MPLAB PICKit™ Basic In-Circuit Debugger/Programmer (PG164110)



MPLAB Snap In-Circuit Debugger/Programmer (PG164100)

For more information on all the programmers, debuggers, and emulators we offer please visit our [in-circuit emulator and debugger selection guide](#).

An overview of our MCU and MPU Development Tool Ecosystem

