

# DSP Starter Development Kit



The development kit contains everything you need to begin development with Microchip's 5V dsPIC<sup>®</sup> DSC family. Along with a prototyping board, it includes the powerful PCWHD Integrated Development Environment with compiler support for Microchip's 8-bit and 16-bit PIC<sup>®</sup> MCU families and an ICD-U64 in-circuit programmer/debugger that supports C-aware real time debugging. The prototyping board features a dsPIC30F4012 connected to a potentiometer, a pushbutton, three LEDs, an RS-232 serial port and an ICD connector.

## DSP Starter Prototyping Board (Size: 3" x 1.75") includes:

- dsPIC30F4012
- 10 I/O Pins (1 Can Be Analog)
- One Potentiometer
- One Pushbutton
- Three LEDs
- RS-232 Level Converter
- ICD connector and Real ICE<sup>™</sup> connector
- and a Header to access the available GPIO of the dsPIC30F4012

## DSP Starter Development Kit includes:

- DSP Starter Prototyping Board
- In-Circuit Debugger/Programmer
- Breadboard
- Parts Box
- RS232 Serial Cable
- USB Cable
- Modular Cable
- Exercise Tutorial
- 9V AC Power Adapter

