Release Notes for MPLAB® Code Configurator’s Pac193x Library v1.00

1 What is MPLAB Code Configurator’s Pac193x Library

The Pac193x Library for MPLAB® Code Configurator allows for quick and easy C code generation to configure and communicate with a PAC193x family device.

The Pac193x Library Plug-in comes as a Java™ Archive file (.jar extension) and must be added to MPLAB Code Configurator.

2 System Requirements

Software Requirements:
- MPLAB® X IDE 4.05 or later
- XC8 compiler v 1.44 or later
- XC16 compiler v 1.33 or later
- MCC Version 3.45.1 or later
- PIC10/PIC12/PIC16/PIC18 MCUs library version 1.45 or earlier (for 8bit PICs)
- PIC24/dsPIC33/PIC32MM MCUs library version 1.45 or later (for 16bit PICs)

PIC requirements:
- 1 MSSP or 1 I2C module configured as I2C master

3 Installing MPLAB® Code Configurator Pac193xLibrary_v1.00

Basic steps for installing Pac193x Library Plug-in for MPLAB® Code Configurator are the following:
1. To install for MPLAB® Code Configurator v4.35.1 Plugin:
   a. In the MPLAB® X IDE, select Plugins from the Tools menu
   b. Select the Available Plugins tab
   c. Check the box for the MPLAB® Code Configurator v3.45.1, and click on Install
2. To install Pac193xLibrary_v1.00:
   a. Download Pac193xLibrary_v1.00.jar from microchip website.
   b. In MPLAB X IDE click on Tools -> Options
   c. Click on Plug-ins tab
   d. Click on Add Library
   e. Browse to the location of the Pac193x Library Plug-in, select it and click Open

4 What’s New

This release includes:
- PAC1934 module configuration
5 Repairs and Enhancements

This is the first release of MPLAB® Code Configurator Pac193x Library.

6 Known Issues

Issues:
- In PIC10/PIC12/PIC18 MCUs versions 1.55 and 1.65.1, for some devices (e.g. PIC16F1947 and PIC16F1619), I2C communication may be blocked.

Limitations:
- The library should work with any PIC12, PIC16 or PIC18 supported by MCC which have a MSSP peripheral, however thorough tests have only been performed with a PIC16F1947.
- The library should work with any PIC24 supported by MCC which have a I2C peripheral, however thorough tests have been performed with a PIC24FJ128GB204.

7 Frequently Asked Questions

For frequently asked questions, please refer to the FAQ post on the MCC Forum (http://www.microchip.com/forums/f293.aspx)

8 Supported Families

The MCC Pac193x Library supports the following families.

8.1.1 8 bit Families
- PIC12, PIC16, PIC18 family devices supported by the MCC.

8.1.2 16 bit Families
- PIC24 family devices supported by the MCC.

8.1.3 32 bit Families
9 Customer Support

9.1 The Microchip Web Site

Microchip provides online support via our web site at http://www.microchip.com. This web site is used as a means to make files and information easily available to customers. Accessible by using your favorite Internet browser, the web site contains the following information:

- Product Support – Data sheets and errata, application notes and sample programs, design resources, user’s guides and hardware support documents, latest software releases and archived software
- General Technical Support – Frequently Asked Questions (FAQs), technical support requests, online discussion groups/forums (http://forum.microchip.com), Microchip consultant program member listing
- Business of Microchip – Product selector and ordering guides, latest Microchip press releases, listing of seminars and events, listings of Microchip sales offices, distributors and factory representatives

9.2 Additional Support

Users of Microchip products can receive assistance through several channels:

- Distributor or Representative
- Local Sales Office
- Field Application Engineering (FAE)
- Technical Support

Customers should contact their distributor, representative or field application engineer (FAE) for support. Local sales offices are also available to help customers. A listing of sales offices and locations is available on our web site.

Technical support is available through the web site at: http://support.microchip.com