

Resource Summary Report

Generated by [dkNET](#) on Aug 8, 2026

[mplab x ide](#)

RRID:SCR_027844

Type: Tool

Proper Citation

mplab x ide (RRID:SCR_027844)

Resource Information

URL: <https://www.microchip.com/en-us/tools-resources/develop/mplab-x-ide>

Proper Citation: mplab x ide (RRID:SCR_027844)

Description: Software program from Microchip, serving as a comprehensive, expandable platform for developing Microchip microcontroller applications, with many integrated tools like MPLAB Code Configurator (MCC) and MPLAB XC Compilers (free versions). Incorporates tools to discover, configure, develop, debug and qualify embedded designs for most of microcontrollers and digital signal controllers. MPLAB X IDE works seamlessly with the MPLAB development ecosystem of software and tools.

Synonyms: , MPLAB X Integrated Development Environment (IDE), MPLAB X IDE

Resource Type: software resource, software application

Keywords: developing Microchip microcontroller applications, Microchip, microcontroller applications,

Availability: Free, Available for download

Resource Name: mplab x ide

Resource ID: SCR_027844

Record Creation Time: 20260103T054312+0000

Record Last Update: 20260808T043102+0000

Ratings and Alerts

No rating or validation information has been found for mplab x ide.

No alerts have been found for mplab x ide.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.