

# **32-bit MCU SDK 6.1.8.0 GA** Gecko SDK Suite 3.2 September 5, 2023

The 32-bit MCU SDK provides sample applications for EFM32 and EZR32 development kits.

This document covers the following SDK versions:

6.1.8.0 released September 5, 2023 (underlying platform changes only)
6.1.7.0 released July 13, 2023 (underlying platform changes only)
6.1.5.0 released March 29, 2023 (underlying platform changes only)
6.1.4.0 released January 11, 2023 (early access part support)
6.1.3.0 released October 13, 2021 (underlying platform changes only)

6.1.2.0 released September 8, 2021 (underlying platform changes only)

- 6.1.1.0 released July 21, 2021 (underlying platform changes only)
- 6.1.0.0 released June 16, 2021

KEY FEATURES

Underlying Gecko Platform changes only

For information about security updates and notices, see the Security chapter of the Gecko Platform Release notes installed with this SDK or on the <u>Silicon Labs Release Notes page</u>. Silicon Labs also strongly recommends that you subscribe to Security Advisories for up-to-date information. For instructions, or if you are new to the 32-bit MCU SDK, see Using This Release.

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#### 1 New Items

# 2 Improvements

### 3 Fixed Issues

# 4 Known Issues in the Current Release

# 5 Deprecated Items

## 6 Removed Items

#### 7 Using This Release

The 32-bit MCU SDK v 6.1.x is optionally installed with Gecko SDK Suite v3.2.x in Simplicity Studio 5 for EFM32 and EZR32 products. Installation instructions are available in the <u>Simplicity Studio 5 online User's Guide</u>. This release contains the following.

• EFM32 and EZR32 sample applications

This SDK depends on Gecko Platform. The Gecko Platform code provides functionality that supports protocol plugins and APIs in the form of drivers and other lower layer features that interact directly with Silicon Labs chips and modules. Gecko Platform components include EMLIB, EMDRV, RAIL Library, NVM3, and mbedTLS. Gecko Platform release notes are available through Simplicity Studio's Launcher Perspective..

#### 7.1 Compatible Software

This version of the 32-bit MCU SDK is compatible with the following tool chains.

- IAR Embedded Workbench for ARM (IAR-EWARM) version 8.50.9
- GCC (The GNU Compiler Collection) version 10.2.0 is provided with Simplicity Studio
- Keil MDK V5.25 for ARM

## 7.2 Security Information

#### **Security Advisories**

To subscribe to Security Advisories, log in to the Silicon Labs customer portal, then select **Account Home**. Click **HOME** to go to the portal home page and then click the **Manage Notifications** tile. Make sure that 'Software/Security Advisory Notices & Product Change Notices (PCNs)' is checked, and that you are subscribed at minimum for your platform and protocol. Click **Save** to save any changes.

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# 7.3 Support

Development Kit customers are eligible for training and technical support. Use the Silicon Laboratories web site <u>www.silabs.com/prod-ucts/mcu/32-bit</u> to obtain information about all EFM32 Microcontroller products and services, and to sign up for product support.

You can contact Silicon Laboratories support at www.silabs.com/support

# **Simplicity Studio**

One-click access to MCU and wireless tools, documentation, software, source code libraries & more. Available for Windows, Mac and Linux!



www.silabs.com/IoT



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#### Disclaimer

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