



# 32-bit MCU SDK 5.8.1.0 GA

## 19Q2 Gecko SDK

### July 19, 2019

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

This document covers the following SDK versions:

32-bit MCU SDK 5.8.0.0 released June 7, 2019

32-bit MCU SDK 5.8.1.0 released July 19, 2019

#### KEY FEATURES

##### Sample application updates

- Bugfixes and documentation fixes

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# 1 Using This Release

The 32-bit MCU SDK 5.8.1.0 is optionally installed with Gecko SDK Suite 2.6.1.0 in Simplicity Studio for EFM32 and EZR32 products. This release contains the following.

- EFM32 and EZR32 sample applications

This SDK depends on Gecko Platform. Please see release notes for Gecko Platform available in Simplicity Studio for more information.

## 1.1 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 8.30.1
- GCC (The GNU Compiler Collection) version 7.2.1 is provided with Simplicity Studio
- Keil MDK V5.25 for ARM

## 1.2 Support

Development Kit customers are eligible for training and technical support. You can use the Silicon Laboratories web site [www.silabs.com/products/mcu/32-bit](http://www.silabs.com/products/mcu/32-bit) 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](http://www.silabs.com/support)

## 2 New Items

### Added in release 5.8.0.0

Separate release notes for 32-bit MCU SDK and Gecko Platform.

New API Reference guide on [docs.silabs.com](https://docs.silabs.com).

## 3 Improvements

### Changed in release 5.8.0.0

Separate release notes for 32-bit MCU SDK and Gecko Platform.

Added module products to API Reference guide on [docs.silabs.com](https://docs.silabs.com).

## 4 Fixed Issues

### Fixed in release 5.8.0.0

In the Icsense example for SLSTK3402A\_EFM32PG12, reorder calls to ACMP\_Init and ACMP\_VASetup in order to avoid ACMP\_Init overwriting registers set by ACMP\_VASetup.

Fixed bug that caused inclusion of module header file for MGM12P22F1024GE to fail.

## 5 Legal

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