



32-bit MCU SDK 5.8.1 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 5.8.1 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 is optionally installed with Gecko SDK Suite 2.6.1 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 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

2 New Items

Added in release 5.8

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

New API Reference guide on docs.silabs.com.

3 Improvements

Changed in release 5.8

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

Added module products to API Reference guide on docs.silabs.com.

4 Fixed Issues

Fixed in release 5.8

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

5.1 Disclaimer

Silicon Labs intends to provide customers with the latest, accurate, and in-depth documentation of all peripherals and modules available for system and software implementers using or intending to use the Silicon Labs products. Characterization data, available modules and peripherals, memory sizes and memory addresses refer to each specific device, and "Typical" parameters provided can and do vary in different applications.

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