



# 32-bit MCU SDK 5.9.0.0 GA

## 19Q4 Gecko SDK

### December 13, 2019

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

This document covers the following SDK versions:

5.9.0.0 GA released December 13, 2019.

#### KEY FEATURES

##### Sample application updates

- Integration of sleep timer service
- New Micrium OS LwIP WFX200 example
- Bugfixes

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# 1 Using This Release

The 32-bit MCU SDK 5.9.0.0 is optionally installed with Gecko SDK Suite 2.7.0.0 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 5.9.0.0

New Micrium OS LwIP WFX200 example for SLSTK3701A.

## 3 Removed Items

### Removed in release 5.9.0.0

All nvm\_simple examples removed.

## 4 Improvements

### Changed in release 5.9.0.0

Updated all sample apps using rtcdrv driver to use new sleep timer service instead.

## 5 Fixed Issues

### Fixed in release 5.9.0.0

Sleep command in the micriumos\_shell example was not working and has been fixed.

Fixed an issue where the rangeTest, webserver, qspi\_direct and qspi\_indirect examples failed to build when opened using copy sources in Simplicity Studio.

## 6 Legal

### 6.1 Disclaimer

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