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 sleeptimer 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 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 5.9.0.0

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 sleeptimer 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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