

32-bit MCU SDK 6.1.3.0 GA Gecko SDK Suite 3.2 October 13, 2021

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

This document covers the following SDK versions:

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 Silicon Labs Release Notes page. 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.

Contents

1	New	v Items	2		
2	Impi	rovements	3		
	-	ed Issues			
		wn Issues in the Current Release			
	Deprecated Items				
		noved Items			
		ng This Release			
		Compatible Software			
		Security Information			
		Support			
		συρροιτ	. 3		

1 New Items

2 Improvements

3 Fixed Issues

4 Known Issues in the Current Relea	4	Known	Issues	in the	Current	Releas
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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

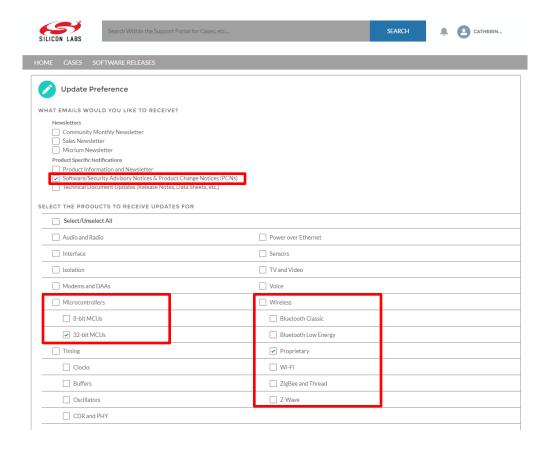
This version of the 32-bit MCU SDK is compatible with the following tool chains.

- 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

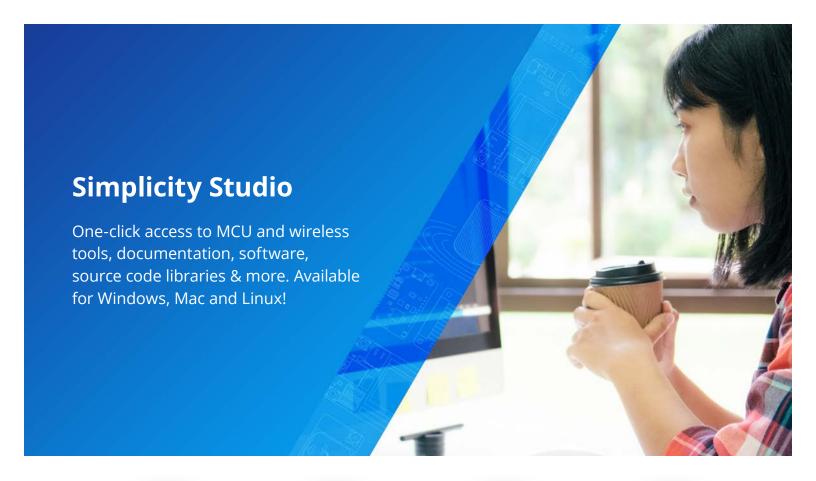
To subscribe to Security Advisories, log in to the Silicon Labs customer portal, then select **Account Home**. Click **HOME** to go to the portal home page and then click the **Manage Notifications** tile. Make sure that 'Software/Security Advisory Notices & Product Change Notices (PCNs)' is checked,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



7.3 Support

Development Kit customers are eligible for training and technical support. Use the Silicon Laboratories web site www.silabs.com/prod-ucts/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





IoT Portfolio www.silabs.com/IoT



SW/HW www.silabs.com/simplicity



Quality www.silabs.com/quality



Support & Community www.silabs.com/community

Disclaimer

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