2301181411 C8051F55x/56x/57x v1.3 Datasheet Update

Bulletin Issue Date: Jan 18, 2023   **Effective Date:** Jan 18, 2023

Description of Change

Silicon Labs is pleased to announce the release of datasheet version 1.3 for the C8051F55x/56x/57x devices.
The datasheet has been updated to add a separate table (Table 2.2) for Not Recommended for New Designs (NRND) devices.
Link to the datasheet:
https://www.silabs.com/documents/public/data-sheets/C8051F55x-F56x-F57x.pdf

Reason for Change

Updates to the Product Selection Guide.

Product Identification

```
Existing Part #
C8051F550-AM
C8051F550-AMR
C8051F550-IM
C8051F550-IMR
C8051F551-AM
C8051F551-AMR
C8051F551-IM
C8051F551-IMR
C8051F552-AM
C8051F552-AMR
C8051F552-IM
C8051F552-IMR
C8051F553-AM
C8051F553-AMR
C8051F553-IM
C8051F553-IMR
C8051F554-AM
C8051F554-AMR
C8051F554-IM
C8051F554-IMR
C8051F555-AM
C8051F555-AMR
C8051F555-IM
C8051F555-IMR
C8051F556-AM
C8051F556-AMR
C8051F556-IM
C8051F556-IMR
C8051F557-AM
C8051F557-AMR
C8051F557-IM
C8051F557-IMR
C8051F560-AM
C8051F560-AMR
C8051F560-AQ
C8051F560-AQR
C8051F560-IM
C8051F560-IMR
C8051F560-IQ
```

```
C8051F560-IQR
C8051F561-AM
C8051F561-AMR
C8051F561-AQ
C8051F561-AQR
C8051F561-IM
C8051F561-IMR
C8051F561-IQ
C8051F561-IQR
C8051F562-AM
C8051F562-AMR
C8051F562-AQ
C8051F562-AQR
C8051F562-IM
C8051F562-IMR
C8051F562-IQ
C8051F562-IQR
C8051F563-AM
C8051F563-AMR
C8051F563-AQ
C8051F563-AQR
C8051F563-IM
C8051F563-IMR
C8051F563-IQ
C8051F563-IQR
C8051F564-AM
C8051F564-AMR
C8051F564-AQ
C8051F564-AQR
C8051F564-IM
C8051F564-IMR
C8051F564-IQ
C8051F564-IQR
C8051F565-AM
C8051F565-AMR
C8051F565-AQ
C8051F565-AQR
C8051F565-IM
C8051F565-IMR
C8051F565-IQ
C8051F565-IQR
C8051F566-AM
C8051F566-AMR
C8051F566-AQ
C8051F566-AQR
C8051F566-IM
C8051F566-IMR
C8051F566-IQ
C8051F566-IQR
C8051F567-AM
C8051F567-AMR
C8051F567-AQ
C8051F567-AQR
C8051F567-IM
C8051F567-IMR
C8051F567-IQ
C8051F567-IQR
C8051F568-AM
C8051F568-AMR
C8051F568-IM
C8051F568-IMR
C8051F569-AM
C8051F569-AMR
C8051F569-IM
C8051F569-IMR
C8051F570-AM
C8051F570-AMR
```

```
C8051F570-IM
C8051F570-IMR
C8051F571-AM
C8051F571-AMR
C8051F571-IM
C8051F571-IMR
C8051F572-AM
C8051F572-AMR
C8051F572-IM
C8051F572-IMR
C8051F573-AM
C8051F573-AMR
C8051F573-IM
C8051F573-IMR
C8051F574-AM
C8051F574-AMR
C8051F574-IM
C8051F574-IMR
C8051F575-AM
C8051F575-AMR
C8051F575-IM
C8051F575-IMR
```

Kit Identification

This change is considered a minor change which does not affect form, fit, function, quality, or reliability. The information is being provided as a customer courtesy.
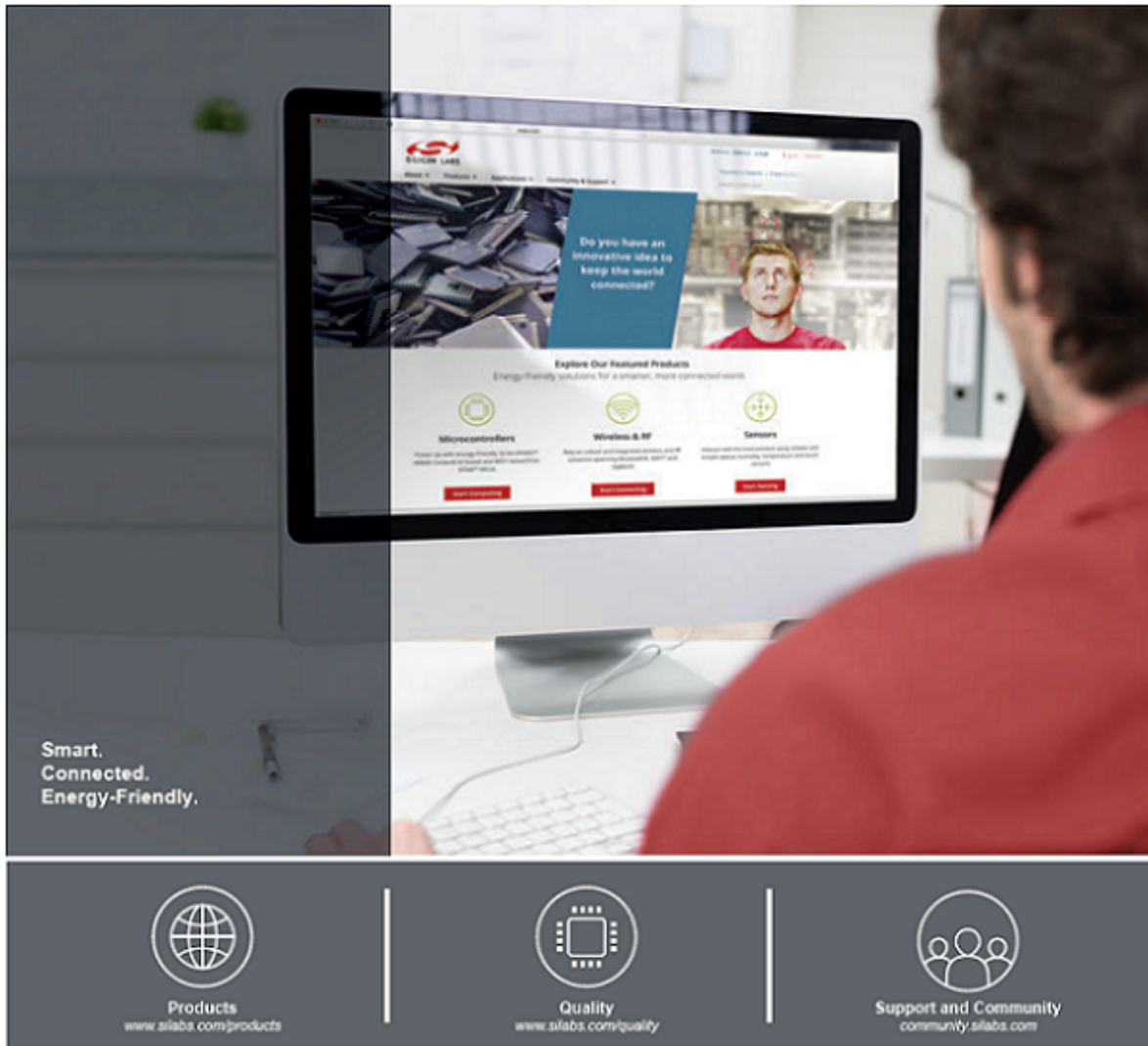
Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at **http://www.silabs.com.**

Customer Actions Needed:

Review updated datasheet.

User Registration

Register today to create your account on Silabs.com. Your personalized profile allows you to receive technical document updates, new product announcements, "how-to" and design documents, product change notices (PCN) and other valuable content available only to registered users. **http://www.silabs.com/profile**

Smart.
Connected.
Energy-Friendly.

Products
www.silabs.com/products

Quality
www.silabs.com/quality

Support and Community
community.silabs.com

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. Application examples described herein are for illustrative purposes only. Silicon Labs reserves the right to make changes without further notice and limitation to product information, specifications, and descriptions herein, and does not give warranties as to the accuracy or completeness of the included information. Silicon Labs shall have no liability for the consequences of use of the information supplied herein. This document does not imply or express copyright licenses granted hereunder to design or fabricate any integrated circuits. The products are not designed or authorized to be used within any Life Support System without the specific written consent of Silicon Labs. A "Life Support System" is any product or system intended to support or sustain life and/or health, which, if it fails, can be reasonably expected to result in significant personal injury or death. Silicon Labs products are not designed or authorized for military applications. Silicon Labs products shall under no circumstances be used in weapons of mass destruction including (but not limited to) nuclear, biological or chemical weapons, or missiles capable of delivering such weapons.

Trademark Information

Silicon Laboratories Inc.® , Silicon Laboratories®, Silicon Labs®, SiLabs® and the Silicon Labs logo®, Bluegiga®, Bluegiga Logo®, Clockbuilder®, CMEMS®, DSPLL®, EFM®, EFM32®, EFR, Ember®, Energy Micro, Energy Micro logo and combinations thereof, "the world's most energy friendly microcontrollers", Ember®, EZLink®, EZRadio®, EZRadioPRO®, Gecko®, ISOmodem®, Micrium, Precision32®, ProSLIC®, Simplicity Studio®, SiPHY®, Telegesis, the Telegesis Logo®, USBXpress®, Zentri and others are trademarks or registered trademarks of Silicon Labs. ARM, CORTEX, Cortex-M3 and THUMB are trademarks or registered trademarks of ARM Holdings. Keil is a registered trademark of ARM Limited. All other products or brand names mentioned herein are trademarks of their respective holders.

Silicon Laboratories Inc.
400 West Cesar Chavez
Austin, TX 78701

http://www.silabs.com