



190225475 Si1153 Datasheet Update for Si1151/2 Release

Bulletin Issue Date: 2/25/2019

Effective Date: 2/25/2019

Description of Change

Silicon Labs is please to announce the release of version 1.3 of the Si1153 datasheet. This update is accompanied by the release of the Si1151 and Si1152 devices and the removal of the Si1153 automotive devices. The changes are as follows:

- Changed the title of the datasheet from "Si1153 Datasheet" to "Si115x Datasheet" to cover all parts including the new devices.
- Added a note to front page figure and Figure 3.1, "Functional Block Diagram", to indicate that the LED2 pin is only available on Si1152 and Si1153 devices and that the LED3 pin is only available on Si1153 devices.
- Updated Table 2.1. "Ordering Guide" to list the new Si1151 and Si1152 devices.
- Updated Table 2.1. "Ordering Guide" to remove the AEC-Q100 Si1153-AM devices.
- Added column to Table 2.1 "Ordering Guide" to list the number of LED drivers integrated into each device.
- Updated feature list to state "up to 3 LED drivers" instead of "3 LED drivers".
- Updated the name of LED2 pin to PU/LED2 to indicate that on the Si1151 device the pin must be pulled up.
- Updated Figure 9.1. "10-Pin DFN" and Figure 9.2. "2.85 x 4.9 mm QFN" to indicate that the LED2 pin is only available on Si1152 and Si1153 devices and that the LED3 pin is only available on Si1153 devices.

Reason for Change

Datasheet update for the extension of the Si115x family with the release of Si1151 and Si1152 devices and the removal of support for AEC-Q100 versions of Si115x.

Product Identification

SI1151-AB00-GM
SI1151-AB00-GMR
SI1151-AB09-GM
SI1151-AB09-GMR
SI1152-AB00-GM
SI1152-AB00-GMR
SI1152-AB09-GM
SI1152-AB09-GMR
SI1153-AB00-GM
SI1153-AB00-GMR
SI1153-AB09-GM
SI1153-AB09-GMR
SI1153-AB9X-GM
SI1153-AB9X-GMR

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.

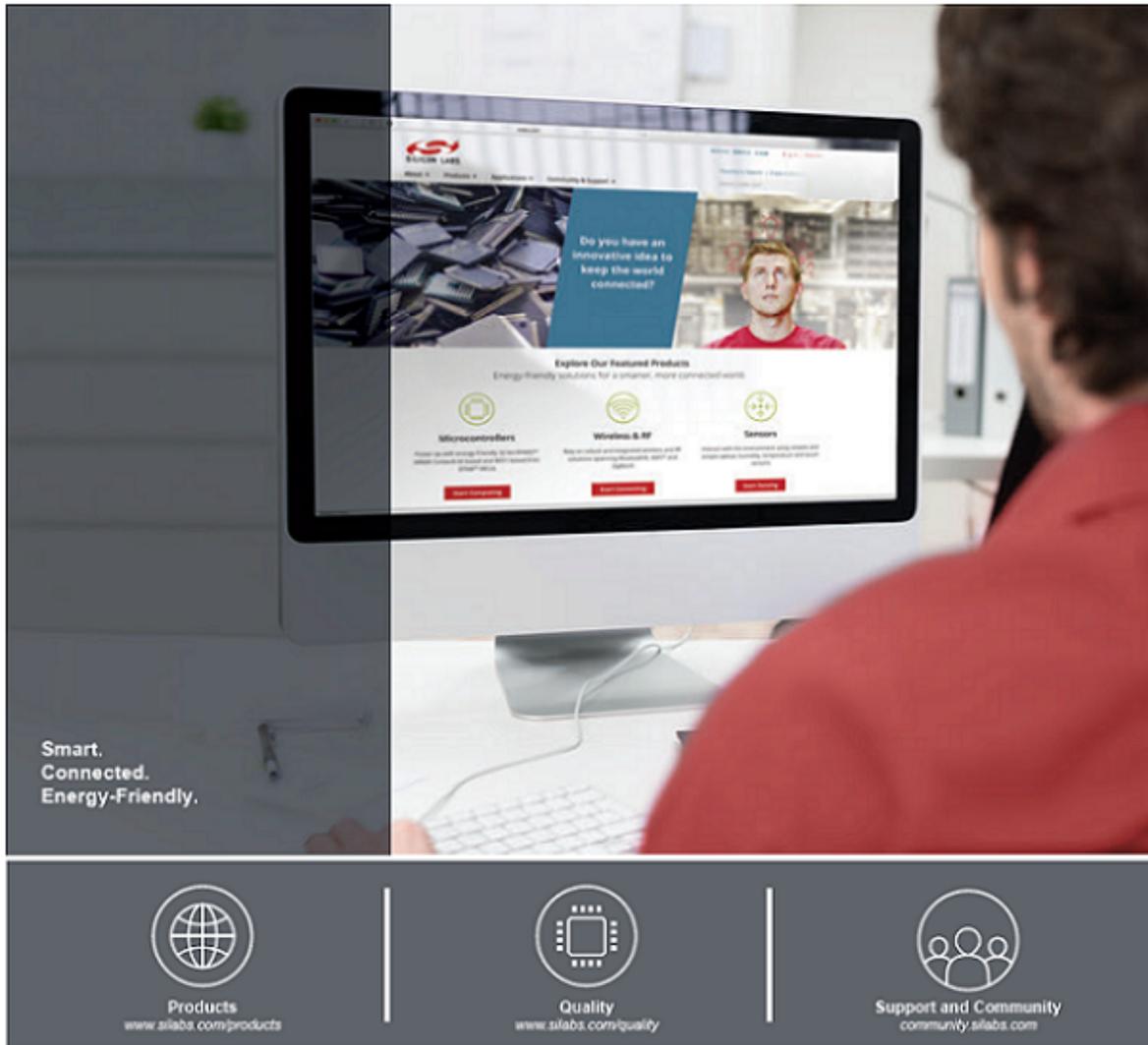
Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at <http://www.silabs.com>.

Customer Actions Needed:

Review datasheet changes and contact your local Silicon Labs representative with questions.

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>



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>