



# CP2103 Errata

---

This document contains information on the errata of revision D of the CP2103.

For errata on older revisions, please refer to the errata history for the device. The device revision is typically the first letter on the line immediately under the part number on the package marking. This is typically the second or third line.

Errata effective date: January 12th, 2016.

## 1. Errata Summary

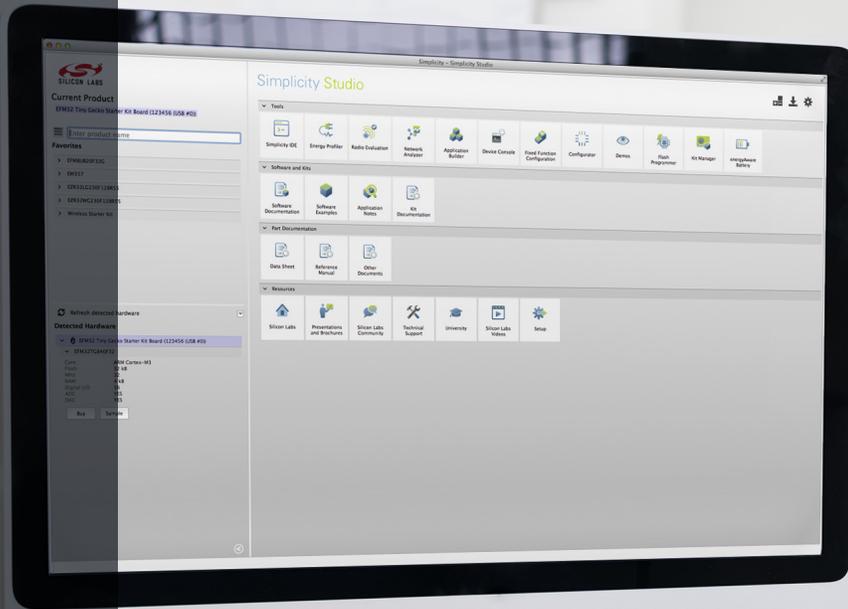
Table 1.1. Errata Status Summary

Errata #	Designator	Title/Problem	Workaround Exists	Affected Revision	Fixed Revision
1	CP2103_E101	<a href="#">Dynamic Suspend Error</a>	No	D	—

## 2. Detailed Errata Descriptions

### 2.1 CP2103\_E101 – Dynamic Suspend Error

<b>Description of Errata</b>
<p>Dynamic Suspend is an optional feature that, when enabled, allows for GPIO pins or modem signals to assume a pre-programmed state during USB SUSPEND, and then return to their pre-SUSPEND states on exit of USB SUSPEND. The potentially affected pins are RXD, CTS, DSR, DCD, RI, and any GPIO pin configured as an input.</p> <p>If the Dynamic Suspend feature is enabled, the pin state may switch from Input mode to Output mode and drive a logic '0' if a logic '0' was read on the corresponding pin upon entry into SUSPEND.</p>
<b>Affected Conditions / Impacts</b>
<p>On resume from USB SUSPEND, a pin previously configured as an input can switch to an output and drive a logic '0'. The pin will remain an output until either power is cycled or the device receives a reset from the /RST pin.</p>
<b>Workaround</b>
<p>There is currently no workaround for this issue.</p>
<b>Resolution</b>
<p>There is currently no planned resolution for this issue.</p>



## Simplicity Studio

One-click access to MCU and wireless tools, documentation, software, source code libraries & more. Available for Windows, Mac and Linux!



**IoT Portfolio**  
[www.silabs.com/IoT](http://www.silabs.com/IoT)



**SW/HW**  
[www.silabs.com/simplicity](http://www.silabs.com/simplicity)



**Quality**  
[www.silabs.com/quality](http://www.silabs.com/quality)



**Support and Community**  
[community.silabs.com](http://community.silabs.com)

### Disclaimer

Silicon Laboratories 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 Laboratories 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 Laboratories 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 Laboratories 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 must not be used within any Life Support System without the specific written consent of Silicon Laboratories. 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 Laboratories products are generally not intended for military applications. Silicon Laboratories 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, CMEMS®, EFM, EFM32, EFR, Energy Micro, Energy Micro logo and combinations thereof, "the world's most energy friendly microcontrollers", Ember®, EZLink®, EZMac®, EZRadio®, EZRadioPRO®, DSPLL®, ISOmodem®, Precision32®, ProSLIC®, SiPHY®, Telegesis, USBXpress® and others are trademarks or registered trademarks of Silicon Laboratories Inc. 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 LABS**

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

<http://www.silabs.com>