180430278 CP2615 Product Revision with Datasheet Update and Errata

PRCN Issue Date: 4/30/2018

Effective Date: 8/3/2018

PCN Type: Datasheet; Product Revision

Description of Change

Silicon Labs is pleased to announce revision A02 of the CP2615. New features include gesture detection on button input and storage of multiple codec audio profiles. A detailed description of new features can be found in the errata and updated datasheet.

The CP2615 datasheet has been revised to version 1.2. Changes from 1.1 to 1.2 include updated block diagrams, descriptions of new audio control options, and descriptions of enhancements to the GPIO and I2C interface.

Revision A02 of the device resolves the following issues that were present in revision A01. Please refer to the A02 errata document for additional details regarding these errata.

CP2615_E101 | No sound at startup
CP2615_E102 | Large configurations fail to program
CP2615_E103 | Extra HID notifications occur when multiple buttons pressed
CP2615_E104 | IN sample rate changes ignored
CP2615_E105 | Codecs with negative volume slope not supported

After the effective date of this PCN, Silicon Labs reserves the right to deliver product with the above-mentioned changes.

Reason for Change

Updated device for feature enhancements and robustness improvements. Updated documentation to track those features and improvements.

Impact on Form, Fit, Function, Quality, Reliability

Function is impacted as described in errata. No change to form, fit, quality, or reliability.

Product Identification

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Existing Part #   Replacement Part # DropInCompInd.
CP2615-A01-GM     CP2615-A02-GM         Yes
CP2615-A01-GMR    CP2615-A02-GMR        Yes
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Last Date of Unchanged Product: 8/3/2018

Qualification Samples

Samples available upon request.

Customer Response

Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change, Ref. JEDEC-J-STD-046.

To request further data or inquire about this notification, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at http://www.silabs.com.
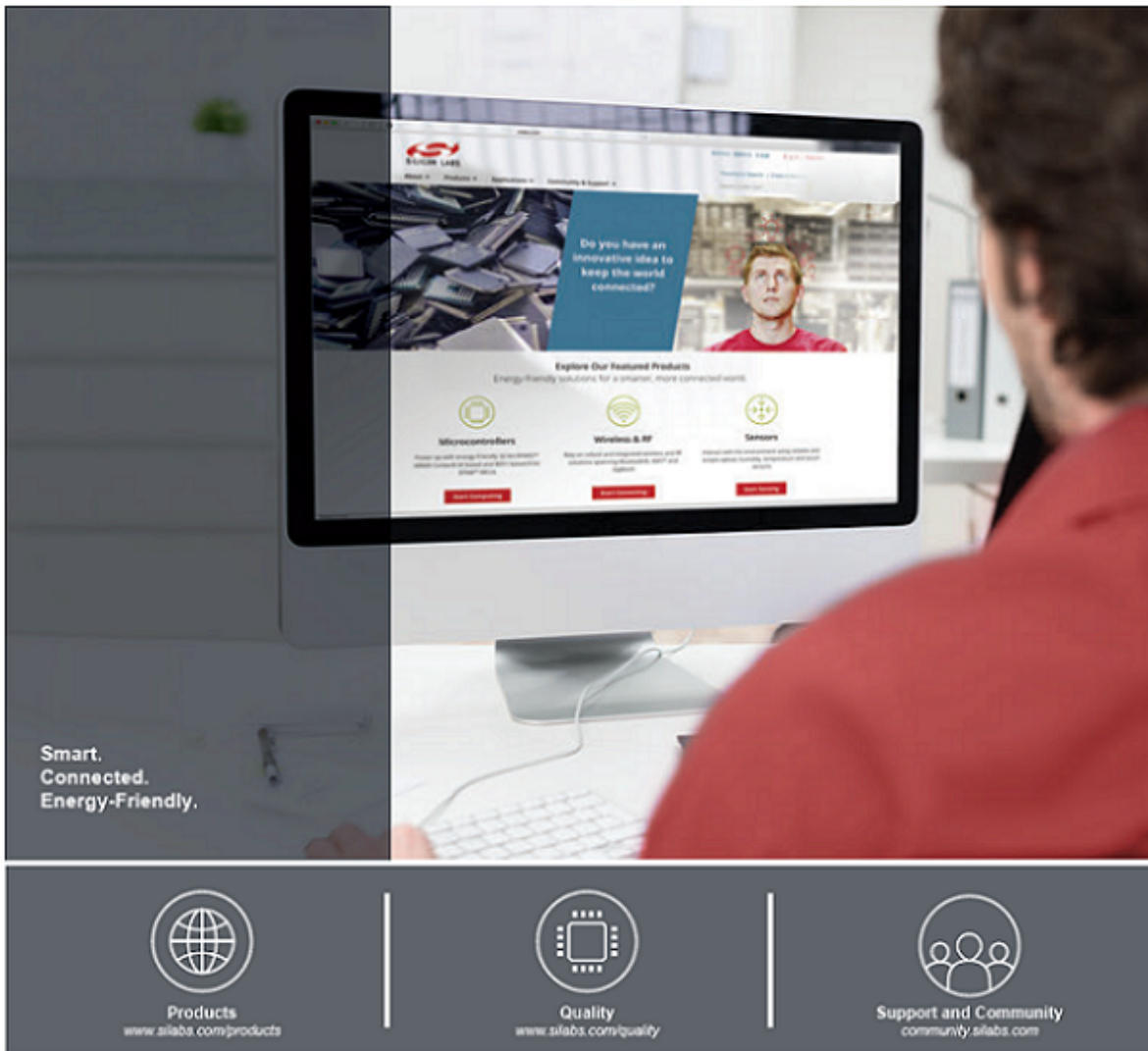
Customers may approve early PCN acceptance by emailing approval, along with PCN # to PCNEarlyAcceptance@silabs.com

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Qualification Data

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