2210051342 Si115x Datasheet v1.4 Release

PCN Issue Date: Oct 05, 2022   **Effective Date:** Jan 11, 2023

PCN Type: Datasheet

Description of Change

Silicon Labs is pleased to announce the release of datasheet version 1.4 for the Si115x devices.

The datasheet is updated to revision 1.4 because IDD Standby Mode did not include the RTC on. This specification is needed for accurate average IDD calculations for autonomous mode. Fixed MEASRATE from 16-bit to 12-bit to address that Internal firmware counter has always been a 12-bit field. Use of MEASCOUNT != 1 not recommended, values of MEASCOUNT != 1 does not result in the expected sample period.

For a complete list of changes see the datasheet revision history.

Link to the datasheet: https://www.silabs.com/documents/public/data-sheets/si115x-datasheet.pdf

Reason for Change

Datasheet release to v1.4 update

Impact on Form, Fit, Function, Quality, Reliability

No impact on form, fit, quality or reliability. Function has improved with faster measurement period.

Product Identification

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Existing Part #
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-AB9X-GM
SI1153-AB9X-GMR
SI1153-AB00-GM
SI1153-AB00-GMR
SI1153-AB09-GM
SI1153-AB09-GMR
```

Last Date of Unchanged Product: Jan 11, 2023

Qualification Samples

NA

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.
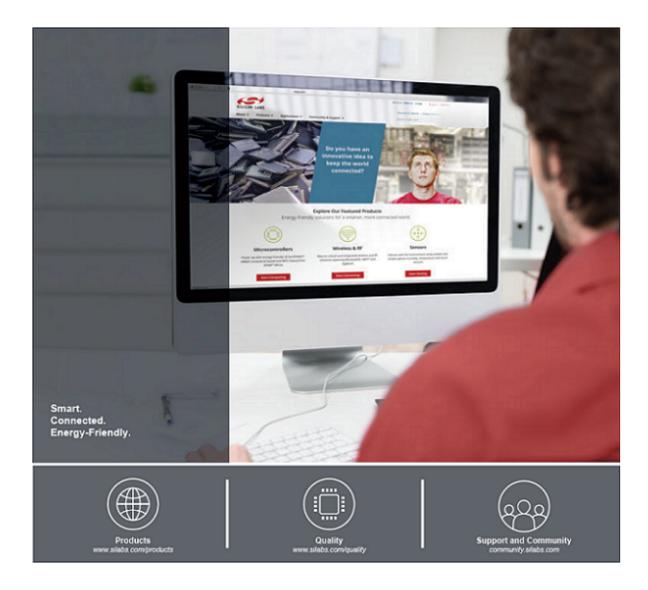
Customers may approve early PCN acceptance by emailing approval, along with PCN # to PCNEarlyAcceptance@silabs.com

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Qualification Data

NA

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