



# 181004403 Addendum to PRCN 180815366: LTB/LTS dates for Si5332/Si5357 Revision C

**EOL Issue Date:** 10/4/2018

**Effective Date:** 10/10/2019

**Last Order Date:** 4/10/2019

**PCN Type:** Product Revision

## Description of Change

Silicon Labs announces an End of Life (EOL) and Last Time Buy (LTB) for parts listed in Product Identification section.

Existing customers may place LTB orders per the key dates above and guidelines listed in this EOL form.

All customer orders with a Customer Requested Delivery Date (CRD) between the Last Time Buy (Order) Date and the EOL Effective Date will be Non-Cancellable and Non-Returnable (NCNR). As of this EOL Date, Silicon Labs will no longer accept customer orders with a CRD beyond the EOL Effective Date.

If you have questions about this EOL, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at [www.silabs.com](http://www.silabs.com).

## Reason for Change

Addendum to PRCN 180815366 in order to provide the LTB date.

The below wording is from PRCN 180815366.  
Production yield improvement.

Silicon Labs is pleased to announce the availability of revision D silicon for the Si5332. Si5332 revision D should be used for all new designs. Customers are encouraged to transition to revision D as soon as possible on all existing designs. Silicon Labs will support production of revision C devices until Last Time Buy / LastTime Ship (LTB/LTS) dates provided.

## Impact on Form, Fit, Function, Quality, Reliability

There are no changes to Fit, Quality, or Reliability.

Si5332 and Si5357 Revision D devices are pin-compatible, drop-in compatible, and footprint-compatible with Revision C devices.

**Form:**

The device top mark has been updated to reflect the change to Revision D. For more information, refer to each datasheet's Top Marking section, located at [www.silabs.com](http://www.silabs.com).

- Device Revision C Top Mark: First character position (R) on line 2 is a "C".
- Device Revision D Top Mark: First character position (R) on line 2 is a "D".

**Function:**

The following parameters have been updated in revision 1.1 of the Si5332 datasheet to reflect changes from revision C to revision D:

- Improved RMS phase jitter performance in clock generator mode
- Improved additive RMS phase jitter performance in buffer mode.
- Max RMS phase jitter spec for PCIe Gen3/4 common clock outputs with spread spectrum ON updated from 0.34ps to 0.35ps
- Max Tr/Tf spec for HCSL outputs has been adjusted from 400 to 420ps

The following parameters have been updated in revision 1.1 of the Si5357 datasheet to reflect changes from revision C to revision D:

- Max Tr/Tf spec at 2.5V has been adjusted from 0.9ns to 0.95ns
- Max Tr/Tf spec at 1.8V has been adjusted from 1.1ns to 1.3ns
- Max Tr/Tf spec at 1.5V has been adjusted from 1.1ns to 1.3ns

All products with orderable part numbers (OPNs) listed below are affected. Please see the datasheet's ordering guide for complete information.

How to order Rev D of your existing Rev C part number:

All existing Rev C part numbers have Rev D equivalent part numbers available for immediate ordering.

The new part numbers use the same part number convention but change the revision to "D" as denoted in the datasheet ordering guide and the example below.

Example: If using revision C part number Si5332AC09628-GM3, revision D of this part number is Si5332AD09628-GM3. The datasheet addendum for any custom device can be downloaded using the online lookup utility:

<http://www.silabs.com/products/clocksoscillators/clock-generators-and-buffers/Pages/clockbuilder-lookup.aspx>

How to configure a new custom Rev D part number:

Use ClockBuilder Pro software (version 2.27 or later) to generate an NVM file for new custom part numbers:

<https://www.silabs.com/products/development-tools/software/clockbuilder-pro-software>

## Product Identification

Product Id	Replacement Part	Drop in Compatible?
Si5332A-C-GM1	Si5332A-D-GM1	Yes
Si5332A-C-GM2	Si5332A-D-GM2	Yes
Si5332A-C-GM3	Si5332A-D-GM3	Yes
Si5332B-C-GM1	Si5332B-D-GM1	Yes
Si5332B-C-GM2	Si5332B-D-GM2	Yes
Si5332B-C-GM3	Si5332B-D-GM3	Yes
Si5332C-C-GM1	Si5332C-D-GM1	Yes
Si5332C-C-GM2	Si5332C-D-GM2	Yes
Si5332C-C-GM3	Si5332C-D-GM3	Yes
Si5332D-C-GM1	Si5332D-D-GM1	Yes
Si5332D-C-GM2	Si5332D-D-GM2	Yes
Si5332D-C-GM3	Si5332D-D-GM3	Yes
Si5332ACxxxxx-GM1	Si5332ADxxxxx-GM1	Yes
Si5332ACxxxxx-GM2	Si5332ADxxxxx-GM2	Yes
Si5332ACxxxxx-GM3	Si5332ADxxxxx-GM3	Yes
Si5332BCxxxxx-GM1	Si5332BDxxxxx-GM1	Yes
Si5332BCxxxxx-GM2	Si5332BDxxxxx-GM2	Yes
Si5332BCxxxxx-GM3	Si5332BDxxxxx-GM3	Yes
Si5332CCxxxxx-GM1	Si5332CDxxxxx-GM1	Yes
Si5332CCxxxxx-GM2	Si5332CDxxxxx-GM2	Yes
Si5332CCxxxxx-GM3	Si5332CDxxxxx-GM3	Yes
Si5332DCxxxxx-GM1	Si5332DDxxxxx-GM1	Yes
Si5332DCxxxxx-GM2	Si5332DDxxxxx-GM2	Yes

Si5332DCxxxxx-GM3	Si5332DDxxxxx-GM3	Yes
Si5357ACxxxxx-GM	Si5357ADxxxxx-GM	Yes
Si5332A-C-GM1R	Si5332A-D-GM1R	Yes
Si5332A-C-GM2R	Si5332A-D-GM2R	Yes
Si5332A-C-GM3R	Si5332A-D-GM3R	Yes
Si5332B-C-GM1R	Si5332B-D-GM1R	Yes
Si5332B-C-GM2R	Si5332B-D-GM2R	Yes
Si5332B-C-GM3R	Si5332B-D-GM3R	Yes
Si5332C-C-GM1R	Si5332C-D-GM1R	Yes
Si5332C-C-GM2R	Si5332C-D-GM2R	Yes
Si5332C-C-GM3R	Si5332C-D-GM3R	Yes
Si5332D-C-GM1R	Si5332D-D-GM1R	Yes
Si5332D-C-GM2R	Si5332D-D-GM2R	Yes
Si5332D-C-GM3R	Si5332D-D-GM3R	Yes
Si5332ACxxxxx-GM1R	Si5332ADxxxxx-GM1R	Yes
Si5332ACxxxxx-GM2R	Si5332ADxxxxx-GM2R	Yes
Si5332ACxxxxx-GM3R	Si5332ADxxxxx-GM3R	Yes
Si5332BCxxxxx-GM1R	Si5332BDxxxxx-GM1R	Yes
Si5332BCxxxxx-GM2R	Si5332BDxxxxx-GM2R	Yes
Si5332BCxxxxx-GM3R	Si5332BDxxxxx-GM3R	Yes
Si5332CCxxxxx-GM1R	Si5332CDxxxxx-GM1R	Yes
Si5332CCxxxxx-GM2R	Si5332CDxxxxx-GM2R	Yes
Si5332CCxxxxx-GM3R	Si5332CDxxxxx-GM3R	Yes
Si5332DCxxxxx-GM1R	Si5332DDxxxxx-GM1R	Yes
Si5332DCxxxxx-GM2R	Si5332DDxxxxx-GM2R	Yes
Si5332DCxxxxx-GM3R	Si5332DDxxxxx-GM3R	Yes
Si5357ACxxxxx-GMR	Si5357ADxxxxx-GMR	Yes

## Customer Response

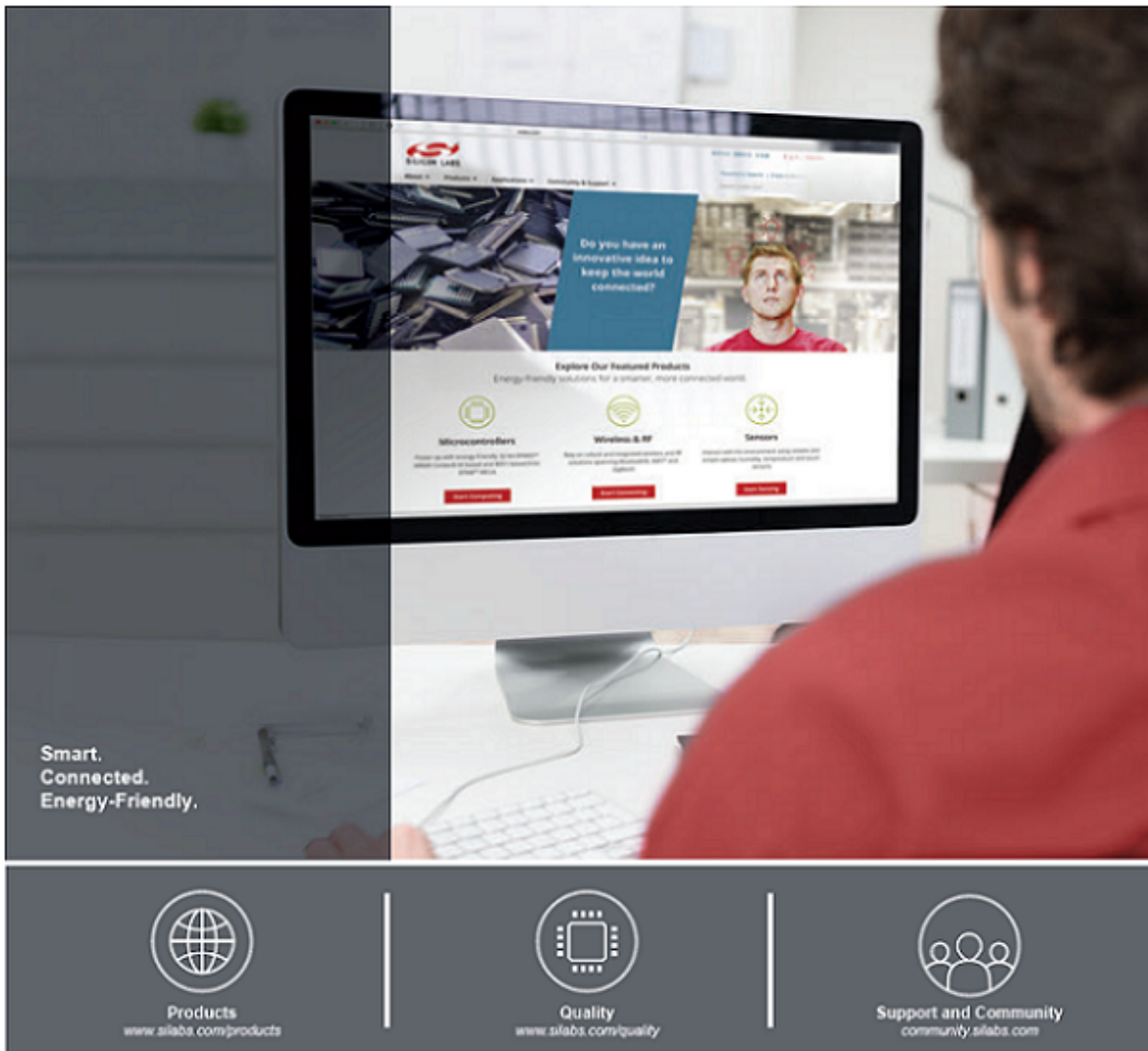
Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change, Ref. JEDEC-J-STD-046.

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](mailto:PCNEarlyAcceptance@silabs.com)

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