



190227481 Si5380/81/82/86 Dynamic PLL Change Wait Time Requirement

Bulletin Issue Date: 2/27/2019

Effective Date: 2/27/2019

Description of Change

Silicon Labs is pleased to announce an update to the Si5380, Si5381/82, and Si5386 Reference Manuals and the ClockBuilder Pro software.

Changes applied to these revisions are:

Si5380 Rev. D Reference Manual rev 1.2 Section 2.2.1 (page 13)
Si5381/82 Rev. E Reference Manual rev 0.9 Section 2.1.1 (page 15)
Si5386 Rev. E Reference Manual rev 0.9 Section 2.1.1 (page 12)
ClockBuilder Pro v2.29

When updating registers during device operation mode, wait 625 ms (instead of 300 ms) after the preamble for the device to complete the calibration.

If you have questions about this change, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is maintained at www.silabs.com.

Reason for Change

The wait time after the preamble allows the customer to write registers as needed, accounting for the worst case device calibration time.

Product Identification

Existing Part #
Si5380A-D-GM
Si5380A-D-GMR
Si5380A-D07544-GM
Si5380A-D07544-GMR
Si5380A-D08751-GM
Si5380A-D08751-GMR
Si5380A-D08770-GM
Si5380A-D08770-GMR
Si5381A-C-GM
Si5381A-C-GMR
Si5381A-C04991-GM
Si5381A-C04991-GMR
Si5381A-C05118-GM
Si5381A-C05118-GMR
Si5381A-D-GM
Si5381A-D-GMR
Si5381A-D04991-GM
Si5381A-D04991-GMR
Si5381A-E-GM
Si5381A-E-GMR
Si5381A-E04991-GM
Si5381A-E04991-GMR
Si5381A-E09945-GM
Si5381A-E09945-GMR
Si5382A-E-GM

Si5382A-E-GMR
Si5382A-E09900-GM
Si5382A-E09900-GMR
Si5382A-E10208-GM
Si5382A-E10208-GMR
Si5386A-E-GM
Si5386A-E-GMR
Si5386A-E08875-GM
Si5386A-E08875-GMR
Si5386A-E09062-GM
Si5386A-E09062-GMR
Si5386A-E09249-GM
Si5386A-E09249-GMR
Si5386A-E09878-GM
Si5386A-E09878-GMR
Si5386A-E10044-GM
Si5386A-E10044-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:

None

User Registration

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