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Bulletin Date: 6/15/2015		Bulletin Effective Date: 6/15/2015	
Title: ClockBuilder Pro v2.0 Released to Address Parts-Per-Trillion Frequency Offset Error for Si534x			
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Bulletin Details			
Description: Silicon Labs is pleased to announce ClockBuilder Pro v2.0 . ClockBuilder Pro v2.0 addresses a parts-per-trillion frequency offset error (see reason section below) for Si534x products by providing an easy way for customers to check their frequency plans, and when applicable, implementation of the prescribed workaround. Please see the Si534x errata documents for a description of the errata, its impact, and the workaround (click here to find the errata documents). Also, refer to the Si534x Applications Notification: Parts-per-Trillion Frequency Offset Error for detailed information.			
Reason: Based on a device's specific frequency plan and configuration, a minor frequency error may be generated in some output clock frequency configurations. ClockBuilder Pro v2.0 provides an easy way for customers to check their frequency plans, evaluate the impact of an offset when affected, and to implement the workaround. Customers should refer to Si534x Applications Notification: Parts-per-Trillion Frequency Offset Error for detailed information.			
Product Identification: Any ordering part number (OPN) that begins with the below prefixes may be affected:			
Si5342A-B-GM	Si5344A-B-GM	Si5345A-B-GM	Si5346A-B-GM
Si5342A-B-GMR	Si5344A-B-GMR	Si5345A-B-GMR	Si5346A-B-GMR
Si5342A-Bxxxxx-GM	Si5344A-Bxxxxx-GM	Si5345A-Bxxxxx-GM	Si5346A-Bxxxxx-GM
Si5342A-Bxxxxx-GMR	Si5344A-Bxxxxx-GMR	Si5345A-Bxxxxx-GMR	Si5346A-Bxxxxx-GMR
Si5342B-B-GM	Si5344B-B-GM	Si5345B-B-GM	Si5346B-B-GM
Si5342B-B-GMR	Si5344B-B-GMR	Si5345B-B-GMR	Si5346B-B-GMR
Si5342B-Bxxxxx-GM	Si5344B-Bxxxxx-GM	Si5345B-Bxxxxx-GM	Si5346B-Bxxxxx-GM
Si5342B-Bxxxxx-GMR	Si5344B-Bxxxxx-GMR	Si5345B-Bxxxxx-GMR	Si5346B-Bxxxxx-GMR
Si5342C-B-GM	Si5344C-B-GM	Si5345C-B-GM	Si5347A-B-GM
Si5342C-B-GMR	Si5344C-B-GMR	Si5345C-B-GMR	Si5347A-B-GMR
Si5342C-Bxxxxx-GM	Si5344C-Bxxxxx-GM	Si5345C-Bxxxxx-GM	Si5347A-Bxxxxx-GM
Si5342C-Bxxxxx-GMR	Si5344C-Bxxxxx-GMR	Si5345C-Bxxxxx-GMR	Si5347A-Bxxxxx-GMR
Si5342D-B-GM	Si5344D-B-GM	Si5345D-B-GM	Si5347B-B-GM
Si5342D-B-GMR	Si5344D-B-GMR	Si5345D-B-GMR	Si5347B-B-GMR
Si5342D-Bxxxxx-GM	Si5344D-Bxxxxx-GM	Si5345D-Bxxxxx-GM	Si5347B-Bxxxxx-GM
Si5342D-Bxxxxx-GMR	Si5344D-Bxxxxx-GMR	Si5345D-Bxxxxx-GMR	Si5347B-Bxxxxx-GMR
ClockBuilder Pro v2.0 can be used to create a new frequency plan for Si534x which may be used to address the parts-per-trillion frequency offset error. 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 www.silabs.com.

Customer Actions Needed:

Customers should read [Si534x Applications Notification: Parts-per-Trillion Frequency Offset Error](#) in order to understand the parts-per-trillion frequency offset error, how to check a frequency plan for the error using [ClockBuilder Pro v2.0](#), and how to implement the workaround if deemed necessary. Customers are encouraged to always use the latest version of [ClockBuilder Pro](#) when creating or updating frequency plans.