



191025648 Notification of Foundry Tool Change for PCIe Buffer and Clock Generator

PCN Issue Date: 10/25/2019

Effective Date: 1/30/2020

PCN Type: Foundry

Description of Change

Global Foundries, the fab for below mentioned affected products, issued an End of Life (EOL) for the Nikon photo tools used to build the affected products. As a result the affected products will be migrated to newer, more capable ASML photo tools for all layers. Global Foundries has successfully migrated other customers to these new tools. Silicon Labs has run all required qualifications on the new dies built with the new ASML tools. All qualifications passed.

Due to the EOL of the Nikon tools, there will be limited availability of material built with the existing Nikon tools. Upon PCN effective date, Silicon Labs will ship material qualified on either tool.

Reason for Change

Global Foundries is retiring their old Nikon tool and moving to ASML which is industry standard now.

Impact on Form, Fit, Function, Quality, Reliability

No impact to form, fit, function, quality or reliability

Product Identification

Existing Part Number

SI52131-A11AGM
SI52131-A11AGMR
SI52138-A16AGM
SI52138-A16AGMR
SI52138-A16BGM
SI52138-A16BGMR
SI52138-A17AGM
SI52138-A17AGMR
SI52138-A18AGM
SI52138-A18AGMR
SI52142-A01AGM
SI52142-A01AGMR
SI52143-A01AGM
SI52143-A01AGMR
SI52144-A01AGM
SI52144-A01AGMR
SI52144-A14AGM
SI52144-A14AGMR
SI52144-A15AGM
SI52144-A15AGMR
SI52146-A01AGM
SI52146-A01AGMR
SI52146-A04AGM
SI52146-A04AGMR
SI52147-A01AGM
SI52147-A01AGMR
SI52147-A11BGM
SI52147-A11BGMR
SI52147-A13BGM

SI52147-A13BGMR
SI52161-A11AGM
SI52161-A11AGMR
SI53019-A01AGM
SI53019-A01AGMR
SI53019-A02AGM
SI53019-A02AGMR
SI53019-A05AGM
SI53019-A05AGMR
SI53106-A01AGM
SI53106-A01AGMR
SI53108-A01AGM
SI53108-A01AGMR
SI53112-A00AGM
SI53112-A00AGMR
SI53112-A03AGM
SI53112-A03AGMR
SI53119-A01AGM
SI53119-A01AGMR
SI53119-A03AGM
SI53119-A03AGMR
SI53152-A01AGM
SI53152-A01AGMR
SI53154-A01AGM
SI53154-A01AGMR
SI53154-A11AGM
SI53154-A11AGMR
SI53154-A12AGM
SI53154-A12AGMR
SI53156-A01AGM
SI53156-A01AGMR
SI53156-A12AGM
SI53156-A12AGMR
SI53156-A13AGM
SI53156-A13AGMR
SI53159-A01AGM
SI53159-A01AGMR

Last Date of Unchanged Product: 1/30/2020

Qualification 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>.

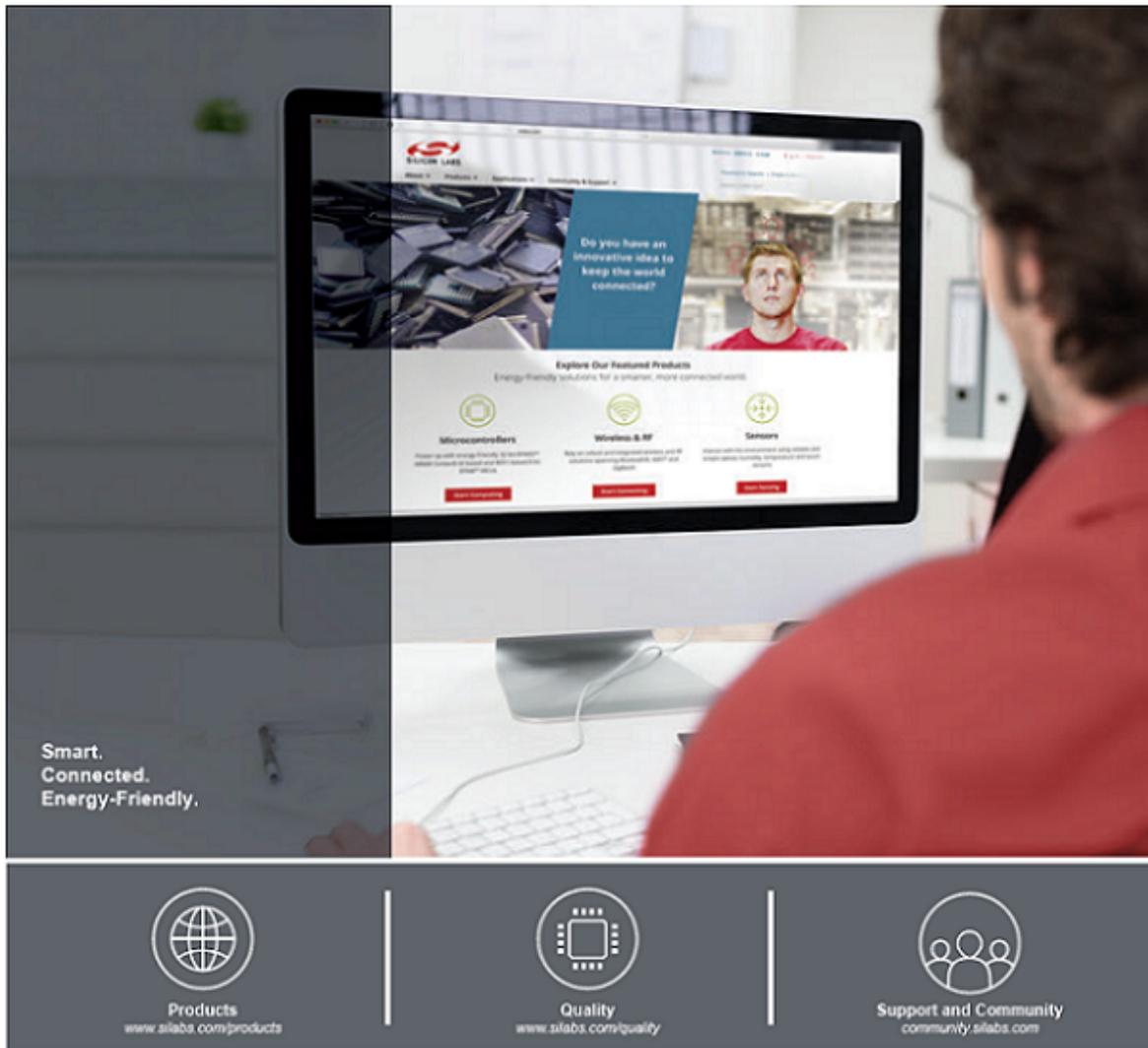
Customers may approve early PCN acceptance by emailing approval, along with PCN # to PCNEarlyAcceptance@silabs.com

User Registration

Register today to create your account on Silabs.com. Your personalized profile allows you to receive technical document updates, new product announcements, "how-to" and design documents, product change notices (PCN) and other valuable content available only to registered users. <http://www.silabs.com/profile>

Qualification Data

Available upon request



Disclaimer

Silicon Labs intends to provide customers with the latest, accurate, and in-depth documentation of all peripherals and modules available for system and software implementers using or intending to use the Silicon Labs products. Characterization data, available modules and peripherals, memory sizes and memory addresses refer to each specific device, and "Typical" parameters provided can and do vary in different applications. Application examples described herein are for illustrative purposes only. Silicon Labs reserves the right to make changes without further notice and limitation to product information, specifications, and descriptions herein, and does not give warranties as to the accuracy or completeness of the included information. Silicon Labs shall have no liability for the consequences of use of the information supplied herein. This document does not imply or express copyright licenses granted hereunder to design or fabricate any integrated circuits. The products are not designed or authorized to be used within any Life Support System without the specific written consent of Silicon Labs. A "Life Support System" is any product or system intended to support or sustain life and/or health, which, if it fails, can be reasonably expected to result in significant personal injury or death. Silicon Labs products are not designed or authorized for military applications. Silicon Labs products shall under no circumstances be used in weapons of mass destruction including (but not limited to) nuclear, biological or chemical weapons, or missiles capable of delivering such weapons.

Trademark Information

Silicon Laboratories Inc.®, Silicon Laboratories®, Silicon Labs®, SiLabs® and the Silicon Labs logo®, Bluegiga®, Bluegiga Logo®, Clockbuilder®, CMEMS®, DSPLL®, EFM®, EFM32®, EFR, Ember®, Energy Micro, Energy Micro logo and combinations thereof, "the world's most energy friendly microcontrollers", Ember®, EZLink®, EZRadio®, EZRadioPRO®, Gecko®, ISOModem®, Micrium, Precision32®, ProSLIC®, Simplicity Studio®, SiPHY®, Telegesis, the Telegesis Logo®, USBXpress®, Zentri and others are trademarks or registered trademarks of Silicon Labs. ARM, CORTEX, Cortex-M3 and THUMB are trademarks or registered trademarks of ARM Holdings. Keil is a registered trademark of ARM Limited. All other products or brand names mentioned herein are trademarks of their respective holders.



Silicon Laboratories Inc.
400 West Cesar Chavez
Austin, TX 78701

<http://www.silabs.com>