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

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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
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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
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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.
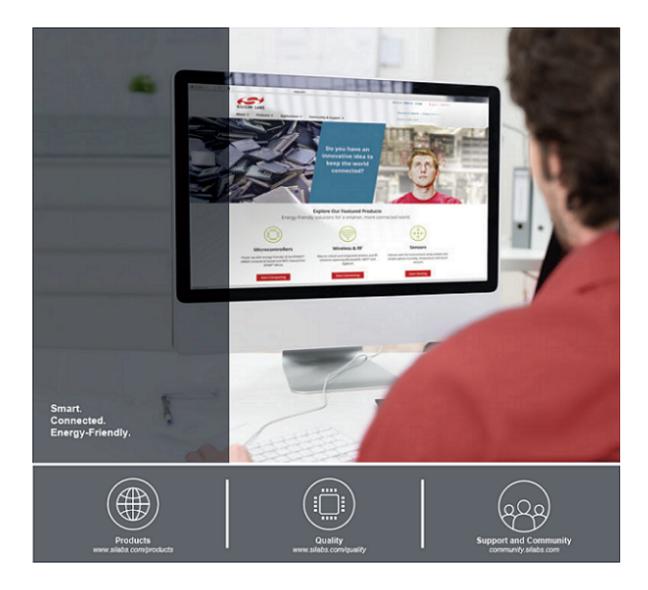
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Silicon Laboratories Inc.
400 West Cesar Chavez
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