



Product Change Notification / BLAS-18JFVA747

Date:

19-Apr-2023

Product Category:

AntiFuse FPGAs, General Purpose FPGAs, Radiation Tolerant FPGAs, System On Chip FPGAs

PCN Type:

Manufacturing Change

Notification Subject:

eSign # E000172926 Final Notice: Release of updated Synplify Pro ME version S-2021.09M-SP2 FPGA synthesis software bundled with Libero SoC v2022.3 for various FPGA devices.

Affected CPNs:

[BLAS-18JFVA747_Affected_CPN_04192023.pdf](#)

[BLAS-18JFVA747_Affected_CPN_04192023.csv](#)

Notification Text:

PCN Status:Final Notification

PCN Type:Manufacturing Change

Microchip Parts Affected:Please open one of the files found in the Affected CPNs section.

Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:Release of updated Synplify Pro ME version S-2021.09M-SP2 FPGA synthesis software bundled with Libero SoC v2022.3

Note:

Libero SoC v2022.3 was released on Dec. 16th, 2022 and is available for download on the webpage below.

<https://www.microchip.com/en-us/products/fpgas-and-plds/fpga-and-soc-design-tools/fpga/lib>

[ero-software-later-versions#Download%20Software](#)

Pre and Post Change Summary:

	Pre Change	Post Change
Software / Tool	Synplify Pro versions S-2021.09-SP2, S-2021.09M, and S-2021.09M-SP1. The affected Microchip Editions (ME) were bundled with Libero SoC v2022.1 and v2022.2 releases	Synplify Pro ME version S-2021.09M-SP2 or later synthesis software bundled with Libero SoC v2022.3 or later. The issue has also been fixed in Synplify Pro standalone release T-2022.09-SP1 and later.

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:Release updated Synplify Pro ME version S-2021.09M-SP2 FPGA synthesis software bundled with Libero SoC v2022.3 to prevent incorrect Verilog mapping of RTL using increment/decrement operations (++ / --) while indexing into an array on the right-hand side (RHS) of an assignment statement, as described in the [attached Customer Notice](#).

Change Implementation Status:Completed

Estimated First Ship Date:December 16, 2022 (date code: 2251)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	December 2022					>	April 2023				
Workweek	4 9	5 0	5 1	5 2	5 3		14	15	16	17	18
Final PCN Issue Date									x		
Implementation Date			x								

Method to Identify Change:Not applicable. New software will be available as defined above.

Qualification Report:Not Applicable

Revision History:April 19, 2023: Issued final notification to reveal the appropriate software release.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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