Product Change Notification / CENO-31NUOU319

Date:

31-Jan-2023

Product Category:

System On Chip FPGAs

PCN Type:

Manufacturing Change

Notification Subject:

eSign # E000155581 Final Notice: Revision of Libero SoC Design Suite v2022.3 for selected MPFS250T PolarFire SoC FPGA device family.

Affected CPNs:

CENO-31NUOU319_Affected_CPN_01312023.pdf
CENO-31NUOU319_Affected_CPN_01312023.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: Revision of Libero SoC v2022.3 for selected MPFS250T PolarFire SoC FPGA device family.

Note:
Libero SoC v2022.3 will be available for download on the webpage below.
https://www.microchip.com/en-us/products/fpgas-and-plds/fpga-and-soc-design-tools/fpga/libero-software-later-versions

Pre and Post Change Summary:

	Pre Change	Post Change
Software / Tool	In Libero SoC v2022.2 and earlier, the sector clock model of MPFS250T used delay values that were underestimated by up to 40 ps.	Libero SoC v2022.3 has improved the accuracy of the MPFS250T sector clock model and data

Impacts to Data Sheet: None

Change Impact Refer section 1.1.3 in the Libero SoC v2022.3 release notes available at https://coredocs.s3.amazonaws.com/Libero/2022_3/Tool/libero_soc_v2022_3_release_notes.pdf

Reason for Change:
To improve manufacturability of MPFS250T based products, Libero SoC Design Suite v2022.3 has updated sector clock model data.

Change Implementation Status: Completed

Estimated First Ship Date: January 2023 (date code: 2304)

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

Time Table Summary:

	January 2023				
Workweek	1	2	3	4	5
Final PCN Issue Date					x
Estimated Implementation Date					x

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

Qualification Report: Not Applicable

Revision History: January 30, 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.

Terms and Conditions:

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If you wish to <u>change your PCN profile, including opt out,</u> please go to the PCN home page select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

MPFS250T-FCVG484I
MPFS250T-1FCVG484I
MPFS250TL-FCVG484I
MPFS250TLS-FCVG484I
MPFS250TS-1FCVG484I
MPFS250TS-FCVG484I
MPFS250T-1FCVG484E
MPFS250T-FCVG484E
MPFS250TL-FCVG484E
MPFS250T-1FCVG784I
MPFS250T-FCVG784I
MPFS250TL-FCVG784I
MPFS250TLS-FCVG784I
MPFS250TS-1FCVG784I
MPFS250TS-FCVG784I
MPFS250T-1FCVG784E
MPFS250T-FCVG784E
MPFS250TL-FCVG784E
MPFS250T-FCG1152I
MPFS250T-1FCG1152I
MPFS250TL-FCG1152I
MPFS250TLS-FCG1152I
MPFS250TS-1FCG1152I
MPFS250TS-FCG1152I
MPFS250T-1FCG1152E
MPFS250T-FCG1152E
MPFS250TL-FCG1152E
MPFS250T-1FCSG536I
MPFS250T-FCSG536I
MPFS250TL-FCSG536I
MPFS250TLS-FCSG536I
MPFS250TS-1FCSG536I
MPFS250TS-FCSG536I
MPFS250T-1FCSG536E
MPFS250T-FCSG536E
MPFS250TL-FCSG536E