



Product Change Notification / CYER-05NWLS164

Date:

26-Jun-2024

Product Category:

General Purpose Fpgas

PCN Type:

Document Change

Notification Subject:

Memolog# ML082021003U Final Notice: Release of revised timing data in Libero SoC v2021.2 for selected products in the PolarFire FPGA device family, including selected CPSOM-MPFxxx, MPF100Txxx, MPF200Txxx, MPF300Txxx and MPF500Txxx device families.

Affected CPNs:

[CYER-05NWLS164_Affected_CPN_06262024.pdf](#)

[CYER-05NWLS164_Affected_CPN_06262024.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 revised timing data in Libero SoC v2021.2 for selected products in the PolarFire FPGA device family, including selected CPSOM-MPFxxx, MPF100Txxx, MPF200Txxx, MPF300Txxx and MPF500Txxx device families.

[Customer notification details.](#)

Note:Once released, Libero SoC v2021.2 will be available for download on the webpage below.

<https://www.microsemi.com/product-directory/design-resources/1750-libero-soc#downloads>

Pre and Post Change Summary:

	Pre Change	Post Change
Firmware	All Libero SoC releases supporting PolarFire FPGAs up to and including Libero SoC v2021.1.	Libero SoC v2021.2 and later.

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:Release updated PolarFire FPGA timing data along with Libero SoC v2021.2 to improve the accuracy of Static Timing Analysis (STA) performed on PolarFire designs, as described in the attached Customer Notice.

Change Implementation Status:In Progress

Estimated Implementation Date:

August 25, 2021 (date code: 2134)

Time Table Summary:

	August 2021				
Workweek	32	33	34	35	36
Final PCN Issue Date				X	
Estimated Implementation Date			X		

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

Qualification Report:Not applicable

Revision History:

August 25, 2021: Issued final notification to reveal the appropriate firmware release
June 26, 2024: Re-issued final notification to update the link for TCL script in the "Change Notification" document. Updated the affected CPN list to remove MPF300TS-WAFER, MPF500TS-WAFER, MPF100TS-WAFER, and MPF200TS-WAFER catalog part numbers (CPN) which is already EOL.

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

Attachments:

[CN-PolarFire_FPGA_Timing_Data_Update_Libero_2021p2_revA.pdf](#)

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

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, 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)

MPF100TS-FCG484I
MPF100TS-FCSG325I
MPF100TS-FCVG484I
MPF200T-1FCG484E
MPF200T-1FCG484I
MPF200T-1FCG784E
MPF200T-1FCG784I
MPF200T-1FCSG325E
MPF200T-1FCSG325I
MPF200T-1FCSG536E
MPF200T-1FCSG536I
MPF200T-1FCVG484E
MPF200T-1FCVG484I
MPF200T-FCG484E
MPF200T-FCG484I
MPF200T-FCG784E
MPF200T-FCG784I
MPF200T-FCSG325E
MPF200T-FCSG325I
MPF200T-FCSG536E
MPF200T-FCSG536I
MPF200T-FCVG484E
MPF200T-FCVG484I
MPF200TL-FCG484E
MPF200TS-FCSG536I
MPF200TS-FCVG484I
MPF300T-1FCG1152E
MPF300T-1FCG1152EX3
MPF300T-1FCG1152I
MPF300T-1FCG1152IX45
MPF300T-1FCG484E
MPF300T-1FCG484I
MPF300T-1FCG784E
MPF300T-1FCG784I
MPF300T-1FCG784NE
MPF300T-1FCG784NI
MPF300T-1FCSG536E
MPF300T-1FCSG536I
MPF300T-1FCVG484E
MPF300T-1FCVG484I
MPF300T-FCG1152E
MPF300T-FCG1152I
MPF300T-FCG484E
MPF300T-FCG484EX52
MPF300T-FCG484I
MPF300T-FCG784E

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MPF300T-FCG784I

MPF300T-FCG784NE

MPF300T-FCG784NI

MPF300T-FCSG536E

MPF300T-FCSG536I

MPF300T-FCVG484E

MPF300T-FCVG484I

MPF300TL-FCG1152E

MPF300TL-FCG1152I

MPF300TL-FCG484E

MPF300TL-FCG484I

MPF300TL-FCG784E

MPF300TL-FCG784I

MPF300TL-FCSG536E

MPF300TL-FCSG536I

MPF300TL-FCVG484E

MPF300TL-FCVG484I

MPF300TLS-FCG1152I

MPF300TLS-FCG484I

MPF300TLS-FCG784I

MPF300TLS-FCSG536I

MPF300TLS-FCVG484I

MPF300TS-1FCG1152I

MPF300TS-1FCG484I

MPF300TS-1FCG784I

MPF300TS-1FCG784NI

MPF300TS-1FCSG536I

MPF300TS-1FCVG484I

MPF300TS-FC484M

MPF300TS-FC784M

MPF200TL-FCG484I

MPF200TL-FCG784E

MPF200TL-FCG784I

MPF200TL-FCSG325E

MPF200TL-FCSG325I

MPF200TL-FCSG536E

MPF200TL-FCSG536I

MPF200TL-FCVG484E

MPF200TL-FCVG484I

MPF200TLS-FCG484I

MPF200TLS-FCG784I

MPF200TLS-FCSG325I

MPF200TLS-FCSG536I

MPF200TLS-FCVG484I

MPF200TS-1FCG484I

MPF200TS-1FCG784I

MPF200TS-1FCSG325I

MPF200TS-1FCSG536I

MPF200TS-1FCSG536IQ302

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MPF200TS-1FCVG484I

MPF200TS-FCG484I

MPF200TS-FCG784I

MPF200TS-FCS325M

MPF200TS-FCSG325I

MPF300TS-FCG1152I

MPF300TS-FCG484I

MPF300TS-FCG784I

MPF300TS-FCG784NI

MPF300TS-FCS536M

MPF300TS-FCSG536I

MPF300TS-FCV484M

MPF300TS-FCVG484I

MPF500T-1FCG1152E

MPF500T-1FCG1152I

MPF500T-1FCG784E

MPF500T-1FCG784I

MPF500T-FCG1152E

MPF500T-FCG1152I

MPF500T-FCG784E

MPF500T-FCG784I

MPF500TL-FCG1152E

MPF500TL-FCG1152I

MPF500TL-FCG784E

MPF500TL-FCG784I

MPF500TLS-FCG1152I

MPF500TLS-FCG784I

MPF500TS-1FCG1152I

MPF500TS-1FCG784I

MPF500TS-FC1152M

MPF500TS-FC1152MX167

MPF500TS-FC784M

MPF500TS-FCG1152I

MPF500TS-FCG784I

CPSOM-MPF100T-FCSG325

CPSOM-MPF200T-FCSG536

CPSOM-MPF300T-FCG484

MPF100T-1FCG484E

MPF100T-1FCG484I

MPF100T-1FCSG325E

MPF100T-1FCSG325I

MPF100T-1FCVG484E

MPF100T-1FCVG484I

MPF100T-FCG484E

MPF100T-FCG484I

MPF100T-FCSG325E

MPF100T-FCSG325I

MPF100T-FCVG484E

MPF100T-FCVG484I

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MPF100TL-FCG484E

MPF100TL-FCG484I

MPF100TL-FCSG325E

MPF100TL-FCSG325I

MPF100TL-FCVG484E

MPF100TL-FCVG484I

MPF100TLS-FCG484I

MPF100TLS-FCSG325I

MPF100TLS-FCVG484I

MPF100TS-1FCG484I

MPF100TS-1FCSG325I

MPF100TS-1FCVG484I