Microsemi Corporation

March 19, 2019

Product Discontinuance Notification (PDN) No: PDN19008

Subject

Microsemi Product Discontinuation Notification of FlashPro Software Support

Description

Microsemi is announcing the discontinuance of FlashPro Software Support. FlashPro and FlashPro Express are the programming software tools used to program Microsemi Flash FPGAs. Both tools are installed automatically with the Libero design software (up to Libero SoC v11.9 and Libero PolarFire SoC v2.3) and are also available in a standalone version.

Starting with Libero SoC v12.0, the FlashPro software will no longer be included in the Libero design software nor will it be available in standalone mode. Microsemi will be supporting the FlashPro Express v12.0 programming software, which replaces the FlashPro programming software. The last versions of Libero that support FlashPro are Libero SoC v11.9 and Libero SoC PolarFire v2.3.

Reason for Discontinuance

FlashPro supports Windows platform only. However, FlashPro Express supports Windows and Linux platforms. FlashPro Express is designed to simplify hand off to production programming. In addition, FlashPro Express is part of the Secured Production Programming Solution (SPPS) designed to address secured production programming assurance for SmartFusion2, IGLOO2, and PolarFire devices. Therefore, we are discontinuing FlashPro programming software from Libero SoC v12.0 onwards.

Customer Impact

There is no impact for customers up to Libero SoC design suite v12.0 due to the following reasons:

- **Libero SoC v11.9 or earlier designs:** No impact for the users as they can use FlashPro v11.9 or earlier standalone software.
- **Libero SoC PolarFire v2.3 or earlier designs:** No impact for the users as they can use FlashPro PolarFire v2.3 or earlier standalone software.
- **Libero SoC v12.0 or later:** FlashPro standalone programming software can still be used until Libero SoC design suite v12.0. A STAPL file exported by Libero SoC design suite v12.0 can be used to program the FPGA with standalone versions of FlashPro v11.9 or FlashPro PolarFire v2.3. Beyond the Libero SoC v12.0 release, users must use FlashPro express standalone software to program the supported Microsemi Flash FPGAs.

The following table provides more details.

Libero SoC Version	FPGA Families	Supported FlashPro Version
Libero SoC v11.9 or earlier	Fusion, SmartFusion, ProASIC3, IGLOO, SmartFusion2, IGLOO2, and RTG4	FlashPro v11.9 or earlier
Libero SoC PolarFire v2.3 or earlier	PolarFire	FlashPro PolarFire v2.3 or earlier
Libero SoC v12.0 or later	PolarFire, RTG4, SmartFusion2, and IGLOO2	For FlashPro v11.9 and FlashPro PolarFire v2.3 workarounds, see the "Libero SoC v12.0 or later" point above.

Notes: Libero SoC v12.0 or later releases does not support Fusion, SmartFusion, IGLOO, or ProASIC3 FPGA devices. FlashPro v11.9 and FlashPro PolarFire v2.3 are standalone support for Libero SoC v12.0.

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Replacement Parts

FlashPro Express is the replacement software for FlashPro programming software.

Important Dates

Last Order Date: Not applicable. FlashPro software is not an orderable part number. This software is freely downloadable from Microsemi website.

Last Shipment Date: Not applicable.

Products Affected by this Discontinuance

Not applicable.

Contact Information

If you have further questions about this subject, contact Microsemi Technical Support department by using the support portal at https://soc.microsemi.com/Portal/Default.aspx

Regards,

Microsemi Corporation

Any projected dates in this notification are based on the most current product information at the time this PDN is being issued, but they may change due to unforeseen circumstances. For the latest schedule and any other information, please contact your local Microsemi Sales Office, the factory contact shown above, or your local distributor.

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