Libero SoC v11.5 SP3 Release Notes

Libero® System-on-Chip (SoC) is a comprehensive and powerful field programmable gate array (FPGA) design and development software offered by Microsemi®. The Libero SoC software provides start-to-finish design flow guidance and support for novice and experienced users alike. Libero SoC combines Microsemi SoC Products Group tools with such electronic design automation (EDA) powerhouses as Synplify Pro® and ModelSim®.

Libero SoC v11.5 SP3 delivers a critical fix to the programming flow, and fixing an issue with the reprogramming device security settings.

To access Datasheets and Silicon User Guides, visit www.microsemi.com. Any product can be selected and clicked to go to the **Documents** tab of that particular product. Tutorials, Application Notes, Development Kits and Starter Kits are listed in the **Design Resources** tab of each product.

For more information on new software features and enhancements, refer to the *Libero SoC Online Help*.

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What's New in Libero SoC v11.5 SP3

Issues Resolved in v11.5 SP3

66403: If Programming Recovery and Security are programmed, the user cannot reprogram the Security settings

If you subsequently attempt to ERASE/PROGRAM the security settings, then the device will be unrecoverable. This issue was introduced in Libero v11.4. With Libero v11.5 SP3, the updated bitstream files will allow you to reprogram the security settings when "Programming Recovery" and "Security" are set. You must regenerate your programming file with Libero v11.5 SP3 if you are using both "Programming Recovery" and "Security", and reprogram your device.

Limitations

Core version 1.0.105 for Chip Oscillators is not supported with the Libero SoC v11.5 SP3 release. You must use the previous core version.

Libero SoC v11.5 SP2 Release Notes

Libero SoC v11.5 SP3 includes all the changes made up to and including Libero SoC v11.5 SP2 releases. Release notes for Libero v11.5 SP2 can be found here.

System Requirements

Refer to *System Requirements* on the web for more information regarding operating systems support and minimum system requirements. 64-bit OS is required for designing SmartFusion2 and IGLOO2 devices.

Setup Instructions for Linux OS can be found on the *Libero SoC Documents* webpage.

Supported Operating Systems

Windows 7, Windows 8.1

RHEL 5* and RHEL 6, CentOS 5* and CentOS 6

    * RHEL 5 and CentOS 5 do not support programming using FlashPro5

Discontinued

32-bit operating systems are no longer supported.

Windows XP is no longer supported.

Synopsys and Mentor Graphics Tools

These tools are included with the Libero SoC v11.5 installation.

Synplify Pro ME 2014.03M SP1 Release Notes

ModelSim ME 10.3c Release Notes

Identify ME 2014.09M-1 Release Notes - *Identify ME for Linux will be released in early 2015*

Synphony Model Compiler 2014.09M Release Notes

Prerequisite Software: In order to run Synphony Model Compiler ME, you must have *MATLAB/Simulink* by MathWorks installed with a current license. You cannot run Synphony Model Compiler ME without MATLAB/Simulink.

Download Libero SoC v11.5 SP3

Installation requires Admin privileges.

- Windows
- Linux

SoftConsole 3.4 SP1

SoftConsole v3.4 requires a service pack to be compatible with Libero SoC v11.5

Download *SoftConsole 3.4 SP1*

Note:

- Libero SoC v11.5 SP3 is an incremental service pack and must be installed over Libero SoC v11.5, Libero SoC v11.5 SP1 or Libero SoC v11.5 SP2.

- SoftConsole v3.4 SP1 must be installed over SoftConsole v3.4 to use with Libero SoC v11.5.

Product Support

Microsemi SoC Products Group backs its products with various support services, including Customer Service, Customer Technical Support Center, a website, electronic mail, and worldwide sales offices. This appendix contains information about contacting Microsemi SoC Products Group and using these support services.

Customer Service

Contact Customer Service for non-technical product support, such as product pricing, product upgrades, update information, order status, and authorization.

From North America, call **800.262.1060**
From the rest of the world, call **650.318.4460**
Fax, from anywhere in the world **650. 318.8044**

Customer Technical Support Center

Microsemi SoC Products Group staffs its Customer Technical Support Center with highly skilled engineers who can help answer your hardware, software, and design questions about Microsemi SoC Products. The Customer Technical Support Center spends a great deal of time creating application notes, answers to common design cycle questions, documentation of known issues and various FAQs. So, before you contact us, please visit our online resources. It is very likely we have already answered your questions.

Technical Support

For Microsemi SoC Products Support, visit http://www.microsemi.com/products/fpga-soc/design-support/fpga-soc-support.

Website

You can browse a variety of technical and non-technical information on the Microsemi SoC Products Group home page, at http://www.microsemi.com/soc/.

Contacting the Customer Technical Support Center

Highly skilled engineers staff the Technical Support Center. The Technical Support Center can be contacted by email or through the Microsemi SoC Products Group website.

Email

You can communicate your technical questions to our email address and receive answers back by email, fax, or phone. Also, if you have design problems, you can email your design files to receive assistance. We constantly monitor the email account throughout the day. When sending your request to us, please be sure to include your full name, company name, and your contact information for efficient processing of your request.

The technical support email address is soc_tech@microsemi.com.

My Cases

Microsemi SoC Products Group customers may submit and track technical cases online by going to My Cases.

Outside the U.S.

Customers needing assistance outside the US time zones can either contact technical support via email (soc_tech@microsemi.com) or contact a local sales office. Sales office listings can be found at www.microsemi.com/soc/company/contact/default.aspx.

ITAR Technical Support

For technical support on RH and RT FPGAs that are regulated by International Traffic in Arms Regulations (ITAR), contact us via soc_tech_itar@microsemi.com. Alternatively, within My Cases, select **Yes** in the ITAR drop-down list. For a complete list of ITAR-regulated Microsemi FPGAs, visit the ITAR web page.

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