

This document addresses known errata and documentation issues for the Alpha Blending Mixer MegaCore function, v1.0.0. Errata are functional defects or errors, which may cause the Alpha Blending Mixer MegaCore function to deviate from published specifications. Documentation issues include errors, unclear descriptions, or omissions from current published specifications or product documents.

Table 1 shows the issues that affect the Alpha Blending Mixer MegaCore function, v1.0.0.

<i>Table 1. Alpha Blending Mixer MegaCore Function v1.0.0 Issues</i>	
Issue	Page
Foreground Layers Not Displayed in Expected Location	1
Error When Generating HardCopy II Handoff Files	2
Cannot Interrupt Hardware Generation	2



For the most up-to-date errata for this release, refer to the errata sheet on the Altera website:

www.altera.com/literature/es/es_alphamixer_100.pdf

Alpha Blending Mixer v1.0.0 Issues

Altera has identified the following issue that affects the Alpha Blending Mixer MegaCore function v1.0.0.

Foreground Layers Not Displayed in Expected Location

When simulating or running on an FPGA, the foreground layers of the Alpha Blending Mixer MegaCore Function v1.0 are sometimes not displayed in the expected location.

Affected Configurations

This issue affects all configurations.

Design Impact

The foreground layers are displayed incorrectly.

Workaround

None.

Solution Status

This issue is fixed in Version 1.0.1 of the Alpha Blending Mixer MegaCore function which is available for download on the Altera website.

Error When Generating HardCopy II Handoff Files

The Alpha Blending Mixer MegaCore function fails to generate Hardcopy II handoff files for full production devices.

Affected Configurations

Any configurations targeting HardCopy II devices.

Design Impact

Compilation can be performed to get f_{MAX} and area information, but handoff files cannot be produced.

Workaround

None.

Solution Status

This issue will be fixed in a future release of the Alpha Blending Mixer MegaCore function.

Cannot Interrupt Hardware Generation

The **Cancel** button in IP Toolbench may not immediately take effect because the "Generating hardware..." stage will only respond to an interrupt once it has completed.

Affected Configurations

This issue affects all configurations.

Design Impact

The hardware generation phase must be allowed to complete. This may take several minutes. You can then exit from IP Toolbench and re-invoke the MegaWizard Plug-In Manager to update the MegaCore function.

Workaround

You must wait until the hardware generation phase has been completed.

Solution Status

This issue will be fixed in a future release of the Alpha Blending Mixer MegaCore function.

Contact Information

For more information, contact Altera's mySupport website at www.altera.com/mysupport and click **Create New Service Request**. Choose the **Product Related Request** form.

Revision History

Table 2 shows the revision history for the *Alpha Blending Mixer MegaCore Function, v1.0.0 Errata Sheet*.

Version	Date	Errata Summary
1.2	July 2006	Added errata for ““Foreground Layers Not Displayed in Expected Location””.
1.1	April 2006	Added errata for “Error When Generating HardCopy II Handoff Files”.
1.0	April 2006	First release.



101 Innovation Drive
San Jose, CA 95134
(408) 544-7000
www.altera.com
Applications Hotline:
(800) 800-EPLD
Literature Services:
literature@altera.com

Copyright © 2006 Altera Corporation. All rights reserved. Altera, The Programmable Solutions Company, the stylized Altera logo, specific device designations, and all other words and logos that are identified as trademarks and/or service marks are, unless noted otherwise, the trademarks and service marks of Altera Corporation in the U.S. and other countries. All other product or service names are the property of their respective holders. Altera products are protected under numerous U.S. and foreign patents and pending applications, maskwork rights, and copyrights. Altera warrants performance of its semiconductor products to current specifications in accordance with Altera's standard warranty, but reserves the right to make changes to any products and services at any time without notice. Altera assumes no responsibility or liability arising out of the application or use of any information, product, or service described herein except as expressly agreed to in writing by Altera Corporation. Altera customers are advised to obtain the latest version of device specifications before relying on any published information and before placing orders for products or services.

