

This document addresses known errata and documentation issues for the 2D Median Filter MegaCore function, v1.0.0. Errata are functional defects or errors, which may cause the 2D Median Filter 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 2D Median Filter MegaCore function, v1.0.0.

<i>Table 1. 2D Median Filter MegaCore Function v1.0.0 Issues</i>	
Issue	Page
Cannot Interrupt Hardware Generation	1
Hardware Generation Can be Very Slow	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\\_2dmedian\\_100.pdf](http://www.altera.com/literature/es/es_2dmedian_100.pdf)

## 2D Median Filter v1.0.0 Issues

Altera has identified the following issues that affect the 2D Median Filter MegaCore function v1.0.0.

### 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 2D Median Filter MegaCore function.

## **Hardware Generation Can be Very Slow**

Generation can be very slow, particularly for 7×7 filters. Generation times as long as 2 to 3 hours are possible for a 7×7 filter.

### *Affected Configurations*

This issue affects all configurations.

### *Design Impact*

The hardware generation phase must be allowed to complete.

### *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 2D Median Filter MegaCore function.

## **Contact Information**

For more information, contact Altera's mySupport website at [www.altera.com/mysupport](http://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 *2D Median Filter MegaCore Function, v1.0.0 Errata Sheet*.

**Table 2. 2D Median Filter MegaCore Function v1.0.0 Errata Sheet Revision History**

Version	Date	Errata Summary
1.0	April 2006	First release.



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



I.S. EN ISO 9001