

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

<i>Table 1. 2D FIR 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_2dfir_100.pdf

2D FIR Filter v1.0.0 Issues

Altera has identified the following issues that affect the 2D FIR 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 FIR Filter MegaCore function.

Hardware Generation Can be Very Slow

Generation can be very slow, particularly for 7×7 filters. Generation times as long as 15 to 20 minutes are possible.

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 FIR Filter 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 *2D FIR Filter MegaCore Function, v1.0.0 Errata Sheet*.

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

Version	Date	Errata Summary
1.0	April 2006	First release.



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