



PCN Tracking Number: PCN\_FT\_005

Issue Date: 2010-04-15

## Product Change Notification

<b>Product Part Number</b>	<b>FT2232HQ, FT2232HL, FT4232HQ and FT4232HL</b>	<b>Estimated implementation date</b>
<b>Description of Change</b>	<b>Silicon modifications have resulted in the device being modified to Revision C</b>	<b>15<sup>th</sup> April 2010</b>
<b>Reason for Change</b>	<b>The Revision B silicon of the above devices marginally failed the maximum time to suspend in the USB compliance tests</b>	
<b>Detailed Description</b>	<ol style="list-style-type: none"> <li>1. Suspend timer marginally failed USB chapter 9 test. Maximum time to suspend is 3.125ms. Rev B can be up to 4ms. This has been corrected.</li> <li>2. A test mode change to improve manufacturing test capability of the FT4232H.</li> <li>3. A test mode change to prevent the PHY entering test mode on a packaged device.</li> <li>4. The wait on IO1 signal in CPU emulation mode has been corrected.</li> </ol>	
<b>Impact to Data sheet</b>	<b>There is no impact to the datasheet.</b>	
<b>Benefit of Change</b>	<b>To meet USB compliance testing. Improved testability. Corrected wait operation in CPU emulation mode.</b>	
<b>Markings to distinguish revised from:</b>	<b>Markings documents will be updated to reflect that the devices listed will now be marked as Rev C.</b>	
<b>Sample Availability</b>	<b>April 2010</b>	
<b>Risk Assessment, Fit Form and Function &amp; reliability</b>	<b>No risk to existing functionality.</b>	
<b>PDF Download</b>	<a href="http://www.ftdichip.com/branding/PCN_FT_005.pdf">http://www.ftdichip.com/branding/PCN_FT_005.pdf</a>	

**Others:**

**There are no functional differences between Rev B and Rev C with the exception of the suspend timer and correction to the IO1 signal in CPU emulation mode. Existing applications will not be affected and will require no modifications.**

**Mass production availability : May 2010**