



PCN Tracking Number: PCN\_FT\_011

Issue Date: 2012-06-11

## Product Change Notification

<b>Product Part Number</b>	<b>FT-X series of ICs: FT200XD, FT201XS, FT201XQ, FT220XS, FT220XQ, FT221XS, FT221XQ, FT230XS, FT230XQ, FT231XS, FT231XQ, FT240XS, FT240XQ.</b>	<b>Estimated implementation date</b>
<b>Description of Change</b>	<b>FT-X series of devices revised from Revision B to Revision C</b>	<b>June 2012</b>
<b>Reason for Change</b>	<b>FT-X devices will enter reset if operated with a specified supply input voltage of +3.3V. The device is fully functional when operated at a supply voltage of VCC = +5V</b>	
<b>Detailed Description</b>	<b>The +3.3V regulator does not function correctly at voltages below +4.6V. When the voltage falls below +4.6V all devices enter reset.</b>	
<b>Impact to Data sheet</b>	<b>Datasheets correctly indicate the devices should operate at VCC= +3.3V. The change will be recorded in an individual Technical Note errata for each of the FT-X series ICs.</b>	
<b>Benefit of Change</b>	<b>Operation at VCC=+3.3V</b>	
<b>Markings to distinguish revised from:</b>	<b>Device date-code will be changed to a "C" to indicate Revision C. The date-code marked on the devices will change from YYWW-B to YYWW-C (where YY= year and WW= week of manufacture)</b>	
<b>Sample Availability</b>	<b>June 2012</b>	
<b>Risk Assessment, Fit Form and Function &amp; reliability</b>	<b>Risk assessment: no risk of operation at +5V</b> <b>Fit: package dimensions are unchanged.</b> <b>Form: visual appearance is unchanged except for markings.</b> <b>Function: FT-X series will operate at specified supply of +3.3V</b>	
<b>PDF Download</b>	<a href="http://www.ftdichip.com/Support/Documents/ProductChangeNotifications/PCN_FT_011.pdf">http://www.ftdichip.com/Support/Documents/ProductChangeNotifications/PCN_FT_011.pdf</a>	
<b>Others:</b>		
<p>The revision B of the FT-X series is fully functional when operated at a supply voltage of +5V. The revision C will correct the operation of the +3.3V regulator.</p> <p>The FT-X evaluation modules, UMFT201XA, UMFT220XA, UMFT221XA, UMFT230XA, UMFT231XA and UMFT240XA default to +5V operation. They can only be configured for +3.3V operation if fitted with associated revision C FT-X device.</p>		