



<b>Title of Change:</b>	Datasheet clarification related to recommended minimum input pulse width.	
<b>Effective date:</b>	17 January 2018	
<b>Contact information:</b>	Contact your local ON Semiconductor Sales Office	
<b>Type of notification:</b>	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.	
<b>Change category:</b>	<input type="checkbox"/> Wafer Fab Change <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input checked="" type="checkbox"/> Other: <u>Datasheet</u>	
<b>Change Sub-Category(s):</b>	<input type="checkbox"/> Manufacturing Site Change/Addition <input type="checkbox"/> Material Change <input checked="" type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Other: _____	
<b>Sites Affected:</b>	ON Semiconductor Sites: None	External Foundry/Subcon Sites: None
<b>Description and Purpose:</b>		
<p>The purpose of this notification is to inform customers about a data sheet update. The data sheet update intends to provide better clarity on how to prevent abnormal output due to narrow input pulses, as well as the type of input pulses that can generate an abnormal output.</p> <p>Existing data sheet shows in the front page and in Figure 25 and Figure 26 recommendations to avoid short pulse width issues. The new revision consists to:</p> <ul style="list-style-type: none"> <li>• Update the recommended operating conditions section with the minimum input pulse width to prevent malfunction of the output.</li> <li>• Indicate that narrow input pulse can be turn on pulses, turn off pulses but also parasitic pulses induced by noise.</li> </ul> <p>The change will not impact form, fit, or function of product</p>		
<b>List of Affected Parts:</b>		
FAN7171M-F085 FAN7171MX-F085 FAN7171MX-F085P		



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**Appendix A: Changed Products**

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Product	Customer Part Number
FAN7171M-F085	
FAN7171MX-F085	
FAN7171MX-F085P	