



<b>Title of Change:</b>	Minor circuit improvement to NCP81075 to improve immunity to fast slew rate at Vdd supply.	
<b>Proposed first ship date:</b>	30 June 2018 or earlier upon customer approval.	
<b>Contact information:</b>	Contact your local ON Semiconductor Sales Office or <Ryan.Zhou@onsemi.com>	
<b>Samples:</b>	Contact your local ON Semiconductor Sales Office	
<b>Additional Reliability Data:</b>	Contact your local ON Semiconductor Sales Office	
<b>Type of notification:</b>	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. ON Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact <PCN.Support@onsemi.com>.	
<b>Change Part Identification:</b>	Customer may receive the parts from June 23, 2018 once the PCN expires or earlier depending on customer's approval. Parts can be identified through date code marking following ON Semiconductor standard. Contact your local ON Semiconductor Sales Office for the specific date code information.	
<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 Circuit minor change	
<b>Change Sub-Category(s):</b>	<input type="checkbox"/> Manufacturing Site Change/Addition <input type="checkbox"/> Material Change <input type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Process Change <input checked="" type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Other: _____	
<b>Sites Affected:</b>	ON Semiconductor Sites: All Sites	External Foundry/Subcon Sites: All Sites
<b>Description and Purpose:</b>		
<p>A minor circuit modification was made to Improve immunity to fast rise time power-up on the Vdd supply, also known as "hot plugging". In rare occurrences, under this condition, the HO output does not respond to the HI input.</p> <p>After the circuit improvement, this condition no longer exists.</p> <p>There is no change to the datasheet specifications, or any other aspect of the product.</p>		
<b>Reliability Data Summary:</b>		
Not Applicable. No reliability impact. Qualification was confirmed by electrical test/validation.		
<b>Electrical Characteristic Summary:</b>		
No change to the datasheet or electrical characteristics.		
<b>List of Affected Standard Parts:</b>		
<b>Part Number</b>		<b>Qualification Vehicle</b>
NCP81075MNTXG		NCP81075MTTXG
NCP81075MTTXG		NCP81075MTTXG
NCP81075DR2G		NCP81075MTTXG

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## Appendix A: Changed Products

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Product	Customer Part Number	Qualification Vehicle
NCP81075DR2G		NCP81075MTTXG
NCP81075MNTXG		NCP81075MTTXG
NCP81075MTTXG		NCP81075MTTXG