

## Final Product/Process Change Notification Document #: FPCN20626XBN Issue Date: 6 July 2015

Title of Change:	Final PCN for wire change from gold to copper and part number change.					
Proposed first ship date:	13 October 2015 or Earlier upon customer approval					
Contact information:	Contact your local ON Semiconductor Sales Office or < Yasuhiro Igarashi @onsemi.com>					
Samples:	Contact your local ON Semiconductor Sales Office					
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or < Kazutoshi.Kitazume@onsemi.com>.					
Type of notification:	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>.</pcn.support@onsemi.com>					
Change Part Identification:	Affected products will be identified with new part number (changing suffix to "-W").					
	PART_ID CPH3448-TL-H		v Part_ID 3448-TL-W			
Change category:	☐ Wafer Fab Change	Asser	mbly Change	est Change	Other	
Change Sub-Category(s):       □ Datasheet/Product Doc change         □ Manufacturing Site Change/Addition       □ Material Change       □ Shipping/Packaging/Marking         □ Manufacturing Process Change       □ Product specific change       □ Other:						-
Sites Affected:  All site(s) not applicable Son Semiconductor site(s): External Foundry/Subcon site(s)  ON Shenzhen, China						
Description and Purpose:  This is a Final Process Change Notification to announce the content below:  1) Changing wire material from gold to copper  2) Changing part number from CPH3448-TL-H to CPH3448-TL-W.						
Reliability Data Summary:						
Test	Conditions			Read point	Results	
Steady State Operating Life	Tj=150degC		1000 hrs.	Pass		
High Temperature Reverse Bias	Ta=150degC,VR=max		1000 hrs.	Pass		
Temp Humidity Storage		Ta=85degC, RH=85%		1000 hrs.	Pass	
Temperature Cycle		Ta=-55degC to 150degC 30min each Ta=121degC,2.03×10 <sup>5</sup> Pa,100%		100 cycles	Pass	
Pressure Cooker				50 hrs.	Pass	
High Temperature Storage  Resistance to Soldering heat(Reflow)		Ta=150degC Solder Temp.:260degC±5degC		1000 hrs.	Pass Pass	
Solderability		Solder Temp.: 245degC±5degC		5 s	Pass	
						rass
Electrical Characteristic Summary:  Electrical characteristics are not impacted.						
List of Affected Standard Parts:						
Part Number			Qualification Vehicle			
CPH3448-TL-H			CPH6444-TL-W			

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