

Title of Change:	Final PCN for wire change from gold to copper and part number change.				
Proposed first ship date:	9 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 PART_ID CPH3457-TL-H	Nev	d with new part number (chang v Part_ID I3457-TL-W	ing suffix to "-W").	
	MCH3478-TL-H	H MC	H3478-TL-W		
Change category:	🗌 Wafer Fab Change	e 🛛 Asse	mbly Change 🗌 Test Chang	ge 🗌 Other	
Change Sub-Category(s): <pre> Datasheet/Product Doc change Datasheet/Product Doc</pre>				king	
Sites Affected: Image: Site Site Site Site Site Site Site Site					
	0	Shenzhen, C	nina		
Description and Purpose: This is a Final Process Change No 1) Changing wire material 2) Changing part number f	ptification to announce t from gold to copper	the content	below:		
This is a Final Process Change No	ptification to announce t from gold to copper	the content	below:		
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary:	ptification to announce t from gold to copper	the content	below: V.	Read point	Results
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test	ptification to announce t from gold to copper	the content XXXXXX-TL-V	below: V. Conditions	Read point	Results Pass
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life	ptification to announce t from gold to copper	the content XXXXXX-TL-V Tj=150deg	below: V. Conditions	1000 hrs.	Pass
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life High Temperature Reverse Bias	ptification to announce t from gold to copper	the content XXXXXX-TL-V Tj=150dego Ta=150dego	below: V. Conditions C C,VR=max		
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life	ptification to announce t from gold to copper	the content XXXXXX-TL-V Tj=150dego Ta=150deg Ta=85degC	below: V. Conditions C C,VR=max ;, RH=85%	1000 hrs. 1000 hrs. 1000 hrs.	Pass Pass
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life High Temperature Reverse Bias Temp Humidity Storage	ptification to announce t from gold to copper	the content XXXXX-TL-V Tj=150deg Ta=150deg Ta=85degC Ta=-55deg	below: V. Conditions C C,VR=max	1000 hrs. 1000 hrs.	Pass Pass Pass
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life High Temperature Reverse Bias Temp Humidity Storage Temperature Cycle	ptification to announce t from gold to copper	the content XXXXX-TL-V Tj=150deg Ta=150deg Ta=85degC Ta=-55deg	below: V. Conditions C C,VR=max C, RH=85% C to 150degC 30min each C,2.03×10 ⁵ Pa,100%	1000 hrs. 1000 hrs. 1000 hrs. 1000 hrs. 1000 cycles	Pass Pass Pass Pass Pass
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life High Temperature Reverse Bias Temp Humidity Storage Temperature Cycle Pressure Cooker	otification to announce t from gold to copper rom XXXXXXX-TL-H to XX	the content XXXXXX-TL-V Tj=150degd Ta=150deg Ta=85degC Ta=-55degd Ta=121deg Ta=150deg	below: V. Conditions C C,VR=max C, RH=85% C to 150degC 30min each C,2.03×10 ⁵ Pa,100% C	1000 hrs. 1000 hrs. 1000 hrs. 1000 cycles 50 hrs.	Pass Pass Pass Pass Pass Pass
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life High Temperature Reverse Bias Temp Humidity Storage Temperature Cycle Pressure Cooker High Temperature Storage	otification to announce t from gold to copper rom XXXXXXX-TL-H to XX	the content XXXXXX-TL-V Tj=150deg Ta=150deg Ta=85degC Ta=-55deg Ta=121deg Ta=150deg Solder Tem	below: V. Conditions C C,VR=max C, RH=85% C to 150degC 30min each C,2.03×10 ⁵ Pa,100%	1000 hrs. 1000 hrs. 1000 hrs. 1000 cycles 50 hrs. 1000 hrs.	Pass Pass Pass Pass Pass Pass Pass
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life High Temperature Reverse Bias Temp Humidity Storage Temperature Cycle Pressure Cooker High Temperature Storage Resistance to Soldering heat(Ref Solderability Electrical Characteristic Summ Electrical characteristics are not	btification to announce t from gold to copper rom XXXXXXX-TL-H to XX	the content XXXXXX-TL-V Tj=150deg Ta=150deg Ta=85degC Ta=-55deg Ta=121deg Ta=150deg Solder Tem	below: V. Conditions C,VR=max C,VR=max C, RH=85% C to 150degC 30min each C,2.03×10 ⁵ Pa,100% C pp.:260degC±5degC	1000 hrs. 1000 hrs. 1000 hrs. 1000 cycles 50 hrs. 1000 hrs. 1000 hrs.	Pass Pass Pass Pass Pass Pass Pass Pass
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life High Temperature Reverse Bias Temp Humidity Storage Temperature Cycle Pressure Cooker High Temperature Storage Resistance to Soldering heat(Ref Solderability Electrical Characteristic Summ Electrical characteristics are not List of Affected Standard Part	btification to announce t from gold to copper rom XXXXXXX-TL-H to XX	the content XXXXXX-TL-V Tj=150deg Ta=150deg Ta=85degC Ta=-55deg Ta=121deg Ta=150deg Solder Tem	Conditions V. C C,VR=max C,VR=85% C to 150degC 30min each C,2.03×10 ⁵ Pa,100% C np.:260degC±5degC np.: 245degC±5degC	1000 hrs. 1000 hrs. 1000 hrs. 100 cycles 50 hrs. 1000 hrs. 1000 hrs. 50 hrs. 100 hrs. 105 5 s	Pass Pass Pass Pass Pass Pass Pass Pass
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life High Temperature Reverse Bias Temp Humidity Storage Temperature Cycle Pressure Cooker High Temperature Storage Resistance to Soldering heat(Ref Solderability Electrical Characteristic Summ Electrical characteristics are not List of Affected Standard Part	btification to announce to from gold to copper rom XXXXXX-TL-H to XX ilow) bary: impacted. 5: umber	the content XXXXXX-TL-V Tj=150deg Ta=150deg Ta=85degC Ta=-55deg Ta=121deg Ta=150deg Solder Tem	below: V. Conditions C C,VR=max C, RH=85% C to 150degC 30min each C,2.03×10 ⁵ Pa,100% C np.:260degC±5degC np.:245degC±5degC Qu	1000 hrs. 1000 hrs. 1000 hrs. 100 cycles 50 hrs. 1000 hrs. 1000 hrs. 1000 hrs. 1000 hrs. 105 5 s	Pass Pass Pass Pass Pass Pass Pass Pass
This is a Final Process Change No. 1) Changing wire material 2) Changing part number f Reliability Data Summary: Test Steady State Operating Life High Temperature Reverse Bias Temp Humidity Storage Temperature Cycle Pressure Cooker High Temperature Storage Resistance to Soldering heat(Ref Solderability Electrical Characteristic Summ Electrical characteristics are not List of Affected Standard Part Part N CPH34	btification to announce t from gold to copper rom XXXXXXX-TL-H to XX	the content XXXXXX-TL-V Tj=150deg Ta=150deg Ta=85degC Ta=-55deg Ta=121deg Ta=150deg Solder Tem	below: V. Conditions C C,VR=max C, RH=85% C to 150degC 30min each C,2.03×10 ⁵ Pa,100% C ip.:260degC±5degC ip.:245degC±5degC Qu C	1000 hrs. 1000 hrs. 1000 hrs. 100 cycles 50 hrs. 1000 hrs. 1000 hrs. 50 hrs. 100 hrs. 105 5 s	Pass Pass Pass Pass Pass Pass Pass Pass