

Final Product/Process Change Notification Document #: FPCN20626XCD Issue Date: 9 June 2015

Title of Change:	Final PCN for wire change from gold to cop	pper and part number change.
Proposed first ship date:	16 September 2015	
Contact information:	Contact your local ON Semiconductor Sales	es Office or < Yasuhiro Igarashi @onsemi.com>
Samples:	Contact your local ON Semiconductor Sales	es Office
Additional Reliability Data:	Contact your local ON Semiconductor Sales	es Office or < Kazutoshi.Kitazume@onsemi.com>.
Type of notification:	to implementation of the change. ON S	otification (FPCN) sent to customers. FPCNs are issued 90 days prio Semiconductor will consider this change approved unless specifi writing within 30 days of receipt of this notice. To do so, contac
Change Part Identification:	Affected products will be identified with no PART_ID New Part_ID CPH3455-TL-H CPH3455-TL-W MCH6444-TL-W	ew part number (changing suffix to "-W").
Change category(s): Wafer Fab Change Assembly Change Test Change	☐ Manufacturing Site Change/Additio☐ Manufacturing Process Change☐ Material Change	☐ Product specific change Datasheet/Product Doc change ☐ Shipping/Packaging/Marking ☐ Other:
Sites Affected: ☐ All site(s) ☐ not applicable ☐ ON Semiconductor site(s): ☐ External Foundry/Subcon site(s)	Site 1 ON Shenzhen, China	Site 2
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 XXXXXXX-TL-H from XXXXXXX-TL-E		
Reliability Data Summary:		
Test	Conditions	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	100 cycles Pass
Pressure Cooker	Ta=121degC,2.03×105Pa,100%	50 hrs Pass
High Temperature Storage	Ta=150degC	1000 hrs Pass
Resistance to Soldering heat(Refle	ow) Solder Temp.:260degC±5degC	10s Pass
Solderability	Solder Temp.:260degC±5degC	5 s Pass
Electrical Characteristic Summary: Electrical characteristics are not impacted.		
List of Affected Standard Parts: CPH3455-TL-H MCH6444-TL-H		

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