



Title of Change:	Final PCN for wire change from gold to copper and part number change.				
Proposed first ship date:	30 March 2016				
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>.				
Change Part Identification:	Affected products will be identified with new part number (changing suffix to "-W"). <table border="1"> <thead> <tr> <th>PART_ID</th><th>New Part_ID</th></tr> </thead> <tbody> <tr> <td>CPH5871-TL-H</td><td>CPH5871-TL-W</td></tr> </tbody> </table>	PART_ID	New Part_ID	CPH5871-TL-H	CPH5871-TL-W
PART_ID	New Part_ID				
CPH5871-TL-H	CPH5871-TL-W				
Change category:	<input type="checkbox"/> Wafer Fab Change <input checked="" type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input type="checkbox"/> Other _____				
Change Sub-Category(s):	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> Manufacturing Site Change/Addition <input checked="" type="checkbox"/> Manufacturing Process Change </div> <div style="width: 33%;"> <input checked="" type="checkbox"/> Material Change <input type="checkbox"/> Product specific change </div> <div style="width: 33%;"> <input type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Other: _____ </div> </div>				
Sites Affected:	<input type="checkbox"/> All site(s) <input type="checkbox"/> not applicable <input checked="" type="checkbox"/> ON Semiconductor site(s) : ON Shenzhen, China <input type="checkbox"/> External Foundry/Subcon site(s)				
Description and Purpose:	<p>This is a Final Process Change Notification to announce the contents below:</p> <ol style="list-style-type: none"> 1) Changing wire material from gold to copper. 2) Changing part number. 				

**Reliability Summary:**

Test	Specification	Condition	Interval	Results
SSOL	ED4701/100	Tj=150°C	1000hrs	0/22
HTRB	JESD22-A108 ED4701/100	Ta=150°C, max rated V	1000hrs	0/22
HTGB	JESD22-A108 ED4701/100	Ta=150°C, max rated V	1000hrs	0/22
THS	ED4701/100	Ta=85°C, RH=85%	1000hrs	0/22
TC	JESD22-A104 ED4701/100	Ta= -55°C to +150°C	100 cyc	0/22
AC	JESD22 A102	Ta = 121°C, P= 15 PSIG, RH = 100%,	50hrs	0/22
HTSL	JESD22-A103 ED4701/200	Ta=150°C	1000hrs	0/22
PC	J-STD-020 JESD-A113 ED4701/001	MSL 1 @ 260 °C		
RSH	JESD22- B106 ED4701/300	Ta = 260C, 10 sec		0/22
SD	JSTD002	Ta = 245C, 5 sec		0/22

Electrical Characteristic Summary:

Electrical characteristics are not impacted.

List of Affected Standard Parts:

Part Number	Qualification Vehicle
CPH5871-TL-H	CPH6444-TL-W