



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>SCH1435-TL-H</td><td>SCH1435-TL-W</td></tr> </tbody> </table>				PART_ID	New Part_ID	SCH1435-TL-H	SCH1435-TL-W																																																															
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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):	<input type="checkbox"/> Manufacturing Site Change/Addition <input checked="" type="checkbox"/> Material Change <input type="checkbox"/> Datasheet/Product Doc change <input checked="" type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Other: _____																																																																						
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: This is a Final Process Change Notification to announce the contents below: 1) Changing wire material from gold to copper 2) Changing part number																																																																							
Reliability Data Summary: <table border="1"> <thead> <tr> <th>Test</th><th>Specification</th><th>Condition</th><th>Interval</th><th>Results</th></tr> </thead> <tbody> <tr> <td>SSOL</td><td>ED4701/100</td><td>Tj=150°C</td><td>1000hrs</td><td>0/22</td></tr> <tr> <td>HTRB</td><td>JESD22-A108</td><td rowspan="2">Ta=150°C, max rated V</td><td rowspan="2">1000hrs</td><td rowspan="2">0/22</td></tr> <tr> <td></td><td>ED4701/100</td></tr> <tr> <td>HTGB</td><td>JESD22-A108</td><td rowspan="2">Ta=150°C, max rated V</td><td rowspan="2">1000hrs</td><td rowspan="2">0/22</td></tr> <tr> <td></td><td>ED4701/100</td></tr> <tr> <td>THS</td><td>ED4701/100</td><td>Ta=85°C, RH=85%</td><td>1000hrs</td><td>0/22</td></tr> <tr> <td>TC</td><td>JESD22-A104</td><td rowspan="2">Ta= -55°C to +150°C</td><td rowspan="2">100 cyc</td><td rowspan="2">0/22</td></tr> <tr> <td></td><td>ED4701/100</td></tr> <tr> <td>AC</td><td>JESD22 A102</td><td>Ta = 121°C, P= 15 PSIG, RH = 100%,</td><td>50hrs</td><td>0/22</td></tr> <tr> <td>HTSL</td><td>JESD22-A103</td><td rowspan="2">Ta=150°C</td><td rowspan="2">1000hrs</td><td rowspan="2">0/22</td></tr> <tr> <td></td><td>ED4701/200</td></tr> <tr> <td>PC</td><td>J-STD-020 JESD-A113</td><td rowspan="2">MSL 1 @ 260 °C</td><td rowspan="2"></td><td rowspan="2"></td></tr> <tr> <td></td><td>ED4701/001</td></tr> <tr> <td>RSH</td><td>JESD22- B106</td><td rowspan="2">Ta = 260C, 10 sec</td><td rowspan="2"></td><td rowspan="2">0/22</td></tr> <tr> <td></td><td>ED4701/300</td></tr> <tr> <td>SD</td><td>JSTD002</td><td>Ta = 245C, 5 sec</td><td></td><td>0/22</td></tr> </tbody> </table>					Test	Specification	Condition	Interval	Results	SSOL	ED4701/100	Tj=150°C	1000hrs	0/22	HTRB	JESD22-A108	Ta=150°C, max rated V	1000hrs	0/22		ED4701/100	HTGB	JESD22-A108	Ta=150°C, max rated V	1000hrs	0/22		ED4701/100	THS	ED4701/100	Ta=85°C, RH=85%	1000hrs	0/22	TC	JESD22-A104	Ta= -55°C to +150°C	100 cyc	0/22		ED4701/100	AC	JESD22 A102	Ta = 121°C, P= 15 PSIG, RH = 100%,	50hrs	0/22	HTSL	JESD22-A103	Ta=150°C	1000hrs	0/22		ED4701/200	PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C				ED4701/001	RSH	JESD22- B106	Ta = 260C, 10 sec		0/22		ED4701/300	SD	JSTD002	Ta = 245C, 5 sec		0/22
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**Electrical Characteristic Summary:**

Electrical characteristics are not impacted.

List of Affected Standard Parts:

Part Number	Qualification Vehicle
SCH1435-TL-H	SCH1337-TL-W