

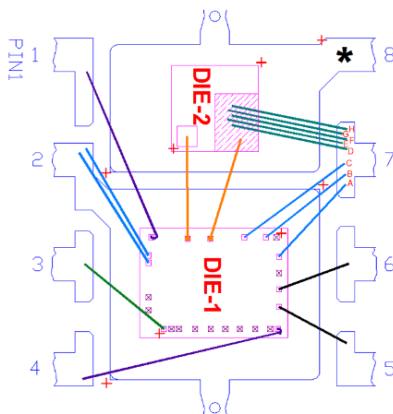
<b>Title of Change:</b>	Wire Bond Layout Change at OSPI Carmona for LV5980MC-AH (SOIC8).	
<b>Proposed first ship date:</b>	26 March 2018	
<b>Contact information:</b>	Contact your local ON Semiconductor Sales Office or <Hidekazu.Inoue@onsemi.com>	
<b>Samples:</b>	Contact your local ON Semiconductor Sales Office	
<b>Additional Reliability Data:</b>	Contact your local ON Semiconductor Sales Office or <Satoru.Fujinuma@onsemi.com>.	
<b>Type of notification:</b>	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>.	
<b>Change Part Identification:</b>	Affected products will be identified with date code.	
<b>Change category:</b>	<input type="checkbox"/> Wafer Fab Change <input checked="" type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input type="checkbox"/> Other _____	
<b>Change Sub-Category(s):</b>	<input type="checkbox"/> Manufacturing Site Change/Addition <input 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: _____	
<b>Sites Affected:</b>	ON Semiconductor Sites: ON Carmona, Philippines	External Foundry/Subcon Sites: None

**Description and Purpose:**

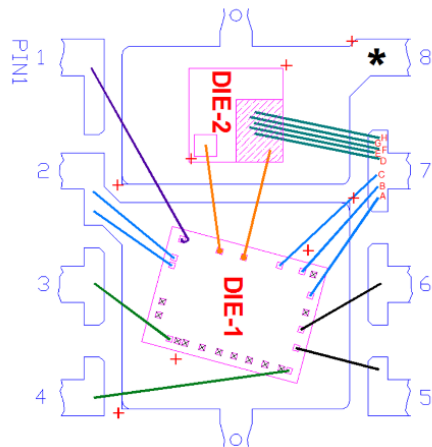
This is inform customers of the change in wire bond lay-out for LV5980MC-AH at OSPI Carmona.

Die-1 will be rotated to avoid wire short of pin 4.

**BEFORE change description (Die1 no-rotated)**



**After change description(Die1 rotated)**





**Reliability Data Summary:**

QV DEVICE NAME LV5980MC-AH  
 PACKAGE SOIC08

Test	Specification	Condition	Interval	Results
HTSL	JESD22-A103	Ta= 150°C	1000 hrs	0/231
TC	JESD22-A104	Ta= -65°C to +150°C	500cyc	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL =3 @ 260 °C		0/462

**Electrical Characteristic Summary:**

There is no change in the electrical performance. Datasheet specifications remain unchanged.

**List of Affected Standard Parts:**

Part Number	Qualification Vehicle
LV5980MC-AH	LV5980MC-AH



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## Appendix A: Changed Products

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Product	Customer Part Number	Qualification Vehicle
LV5980MC-AH		LV5980MC-AH