

## Initial Product/Process Change Notification Document #: IPCN21747X Issue Date: 31 May 2017

Title of Change:	Copper wire conversion for LV8548MC and LV8549MC			
Proposed first ship date:	10 November 2017	10 November 2017		
Contact information:	Contact your local ON Semiconductor Sales Office or <tsutomu.shimazaki@onsemi.com><takashi.harashima@onsemi.com><takeshi2.hoshino@onsemi.com>&lt; Kazumi.Onda@onsemi.com&gt;<shinya.okada@onsemi.com><yoshiyuki.nunokawa@onsemi.com></yoshiyuki.nunokawa@onsemi.com></shinya.okada@onsemi.com></takeshi2.hoshino@onsemi.com></takashi.harashima@onsemi.com></tsutomu.shimazaki@onsemi.com>			
Samples:	Contact your local ON Semiconductor Sales Office.			
Type of notification:	This is an Initial Product/Process Change Notification (IPCN) sent to customers. IPCNs are issued at least 30 days prior to the issuance of the Final Change Notice (FPCN). An IPCN is an advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan.  The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN). This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change. In case of questions, contact <pcn.support@onsemi.com>.</pcn.support@onsemi.com>			
Change Part Identification:	Affected products will be identified with date code.			
Change category:	☐ Wafer Fab Change ☐ Assembly Chang	ge		
Change Sub-Category(s):  ☐ Manufacturing Site Change/Addition ☐ Manufacturing Process Change ☐ Product specific change ☐ Other: ☐ Other: ☐ All site(s) ☐ not applicable ☐ ON Semiconductor site(s): ☐ ON Carmona, Philippines ☐ Datasheet/Product Doc change ☐ Shipping/Packaging/Marking ☐ Other: ☐ External Foundry/Subcon site(s)				
Description and Purpose:  This is an Initial Process Change Notification announcing the copper wire conversion for LV8548MC and LV8549MC:				
LV8548MC-AH	Before Change	After Change		
Material to be changed	Description	Description		
Wire	Gold wire	Copper wire		
Mold resin	G600	G700LS		
LV8549MC-AH Material to be changed Wire Mold resin	Before Change  Description  Gold wire  G600	After Change  Description  Copper wire  G700LS		
There is no change of the elec	ctrical characteristic specifications with this	changing.		

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## IC PCN FORMAT TEMPLATE

**QV DEVICE NAME: LV8548MC** PACKAGE : SOIC10

Test	Specification	Condition	Interval
HTOL	EIAJ ED-4701/100	Tj=Tjmax, Vcc=Operatingmax	1000 hrs
THB*	EIAJ ED-4701/100	85°C, 85% RH, Vcc=recommended	1000 hrs
TC*	EIAJ ED-4701/100	Ta= -65°C to +150°C	100 cyc
AC*	EIAJ ED-4701-3	Ta=121°C,RH=100%,205kPa	50 hrs
HTSL	EIAJ ED-4701/200	Ta= 150°C	1000 hrs
RSH	EIAJ ED-4701/300	Ta = 255°C, 10 sec (peak 260°C)	2times

The test items with \* mark are put into operation after the reflow soldering (at 255°C for 10seconds)

Estimated date for qualification completion: 10 August 2017

## **List of affected Standard Parts:**

Part Number	Qualification Vehicle
LV8548MC-AH	LV8548MC
LV8549MC-AH	

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