

## Final Product/Process Change Notification Document #: FPCN21129X

Issue Date: 7 December 2015

Title of Change:	Copper wire conversion and mold compound change for			
	LV8729V/LV8731V/LV8732V/LV8732VL/LV8734V/LV8734VL/LV8735V/LV8736V			
Proposed first ship date:	14 March 2016			
Contact information:	Contact your local ON Semiconductor Sales Office or < Tsutomu Shimazaki@ onsemi.com > < Takashi.Harashima@onsemi.com>< Takeshi2.Hoshino @onsemi.com>< Kazumi. Onda@onsemi.com> < Shinya Okada@onsemi.com>< Yoshiyuki Nunokawa@onsemi.com>			
Samples:	Contact your local ON Semiconductor Sales Office or < jun.hasunuma@onsemi.com>			
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or < Satoru.Fujinuma@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>.</pcn.support@onsemi.com>			
Change Part Identification:	Affected products will be identified with date code.			
Change category:	☐ Wafer Fab Change ☐ Assembly Change ☐ Test Change ☐ Other			
Change Sub-Category(s):  Manufacturing Site Change/ Manufacturing Process Char  Sites Affected: All site(s) not as	Product specific change  Other:  ON Semicondustor site(s)			
All site(s) not applicable ON Semiconductor site(s): ON Tarlac City, Philippines  External Foundry/Subcon site(s)				
Description and Purpose:				
This is a Final Process Change Notification for below contents.				
<ol> <li>Gold wire connecting chip and Lead will be changed to Copper wire.</li> <li>Mold resin will be changed to suitable for Copper wire.</li> </ol>				
There is no change of the electrical characteristic specifications with this changing.				
Reliability Data Summary:				

Test	Specification	Condition	Interval	Results
HTOL	EIAJ ED-4701/100	Tj=Tjmax, Vcc=Operatingmax	1000 hrs	0/22
THB*	EIAJ ED-4701/100	85°C, 85% RH, Vcc=recommended	1000 hrs	0/22
TC*	EIAJ ED-4701/100	Ta= -65°C to +150°C	100 сус	0/22
AC*	EIAJ ED-4701-3	Ta=121°C ,RH=100% ,205kPa	50 hrs	0/22
HTSL	EIAJ ED-4701/200	Ta= 150°C	1000 hrs	0/22
RSH	EIAJ ED-4701/300	Ta = 255°C , 10 sec (peak 260°C)	2times	0/22

Notes:

**PACKAGE** 

**QV DEVICE NAME: LV87**××

:SSOP44K

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

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## **Electrical Characteristic Summary:**

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

## **List of Affected Standard Parts:**

Part Number	Qualification Vehicle
LV8729V-TLM-H	LV8711T-TLM-H
LV8731V-TLM-H	LV8711T-TLM-H
LV8732V-TLM-H	LV8711T-TLM-H
LV8732VL-TLM-H	LV8711T-TLM-H
LV8734V-TLM-H	LV8711T-TLM-H
LV8734VL-TLM-H	LV8711T-TLM-H
LV8735V-TLM-H	LV8711T-TLM-H
LV8736V-TLM-H	LV8711T-TLM-H

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