



---

**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION**  
Generic Copy

---

21 Jan 2010

**SUBJECT:** ON Semiconductor Final Product/Process Change Notification # 16390

**TITLE:** Qualification of 2<sup>nd</sup> Source for SOIC-8 Devices

**PROPOSED FIRST SHIP DATE:** 21 Apr 2010

**AFFECTED CHANGE CATEGORY(S):** Subcontractor assembly and test site

**AFFECTED PRODUCT DIVISION(S):** Consumer and Computer Products Group (CCPG)

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact your local ON Semiconductor Sales Office or <[Scott.Brow@onsemi.com](mailto:Scott.Brow@onsemi.com)>

**SAMPLES:** Contact your local ON Semiconductor Sales Office

**ADDITIONAL RELIABILITY DATA:** Available

Contact your local ON Semiconductor Sales Office or <[Ken.Fergus@onsemi.com](mailto:Ken.Fergus@onsemi.com)>

**NOTIFICATION TYPE:**

Final Product/Process Change Notification (FPCN)

Final change notification sent to customers. FPCNs are issued at least 90 days prior to implementation of the change.

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact your local ON Semiconductor Sales Office.

**DESCRIPTION AND PURPOSE:**

This is a final product notification announcing that ON Semiconductor is adding assembly and test of SOIC-8 versions of the devices listed in this PCN at our subcon Unisem in Batam, Indonesia. Unisem is already a qualified assembly and test site for ON Semiconductor and all devices listed in this notification are currently assembled and tested in Unisem in a PDIP-8 package.



**Final Product/Process Change Notification # 16390**

**RELIABILITY DATA SUMMARY:**

Devices in this notification will be qualified by similarity to previously qualified products on the SOIC-8 line in Unisem.

**Reliability Test Results:**

<b>Test</b>	<b>Conditions</b>	<b>Results</b>
PC-MSL1, 260C	MSL1 + 3X IR @ 260C	0/240
TC-PC	TA= -65/150C	0/240
AC-PC	TA=121C,RH=100%,PSIG=15	0/240
UHASt-PC	TA=130C,RH=85%,PSIG=18.8	0/240

**ELECTRICAL CHARACTERISTIC SUMMARY:**

Available upon request

**CHANGED PART IDENTIFICATION:**

Device marking for devices listed in this PCN are of this structure:

XXXXXX ALYW
----------------

At the approval or expiration of PCN, the assembly location can be identified on line (2) as follows:

A = P (OSPI Philippines) or C (Unisem Batam, Indonesia)

**AFFECTED DEVICE LIST**

- |              |               |
|--------------|---------------|
| MC33262DG    | UC3842BD1R2G  |
| MC33262DR2G  | UC3843BD1G    |
| UC2842BD1G   | UC3843BD1R2G  |
| UC2842BD1R2G | UC3843BVD1G   |
| UC2843BD1G   | UC3843BVD1R2G |
| UC2843BD1R2G | UC3844BD1G    |
| UC2844BD1R2G | UC3844BD1R2G  |
| UC2845BD1G   | UC3845BD1G    |
| UC2845BD1R2G | UC3845BD1R2G  |
| UC3842BD1G   | UC3845BVD1G   |
|              | UC3845BVD1R2G |