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**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #20043**

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**Issue Date:** 23-Apr-2013

**TITLE:** (QIP64E) Production assembly and test process will be transferred from SANYO-HANYU site to SSMP

**PROPOSED FIRST SHIP DATE:** 25-Jul-2013

**AFFECTED CHANGE CATEGORY(S):** Assembly and test site

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact your local ON Semiconductor Sales Office or  
[Takehito.Tsukui@onsemi.com](mailto:Takehito.Tsukui@onsemi.com)

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

**ADDITIONAL RELIABILITY DATA:** Available  
Contact your local ON Semiconductor Sales Office or  
[Satoru.Fujinuma@onsemi.com](mailto:Satoru.Fujinuma@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 <[quality@onsemi.com](mailto:quality@onsemi.com)>.

**DESCRIPTION AND PURPOSE:**

Production assembly and test process will be transferred from SANYO-HANYU (QIP64E) site to SSMP (Sanyo Semiconductor Manufacturing Philippines Corporation)

There will be no other changes that include the electrical characteristics specification other than mentioned above.

**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #20043****RELIABILITY DATA SUMMARY:****Reliability Test Results:****Reliability Test Results**

Packages name : QIP64E

Test Items		Test Condition	Test Time	Failure
Temperature Humidity Bias	※	Ta=85°C,RH=85%,VCC=Recommended	1000 h	0
Temperature Cycle	※	Ta=-65°C 30min. ⇄ Ta=150°C 30min.	100 Cycle	0
Pressure Cooker	※	Ta=121°C,RH=100% 2.03x10 <sup>5</sup> Pa	100 h	0
High Temperature Storage		Ta=150°C	1000 h	0

Notice) The test items with ※ mark are put into operation after the reflow soldering (at 255°C for 10s,2times).

Judgment Criteria : Judgment Criteria are due to the limits of the electrical characteristics in the detail specification.

**ELECTRICAL CHARACTERISTIC SUMMARY:**

There are not any other changes including electric characteristic specifications.

**CHANGED PART IDENTIFICATION:**

Products manufactured at SSMP will be marked with 'L7' preceding the Lot No. on shipping label.

**List of affected General Parts:**

LC87F5JC8AU-QIP-E

**List of affected Customer Specific Parts:**

LC87F5JC8A-F5BK2-E