



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #20046

Generic Copy

Issue Date: 23-Apr-2013

TITLE: (SQFP064) Production assembly and test process will be transferred from SANYO-HANYU site to SSMP

PROPOSED FIRST SHIP DATE: 5-Aug-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

SAMPLES: Contact your local ON Semiconductor Sales Office

ADDITIONAL RELIABILITY DATA: Available
Contact your local ON Semiconductor Sales Office or
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>.

DESCRIPTION AND PURPOSE:

Production assembly and test process will be transferred from SANYO-HANYU ([SQFP064](#)) 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 #20046****RELIABILITY DATA SUMMARY:****Reliability Test Results:****Reliability Test Results**

Packages name : SQFP64

| Test Items | Test Condition | Test Time | Failure |
|---------------------------|---|-----------|---------|
| Temperature Humidity Bias | ※ Ta=85°C,RH=85%,VCC=Recommended | 168 h | 0 |
| Temperature Cycle | ※ Ta=-65°C 30min. ⇄ Ta=150°C 30min. | 100 Cycle | 0 |
| Pressure Cooker | ※ Ta=121°C,RH=100% 2.03x10 ⁵ Pa | 100 h | 0 |
| High Temperature Storage | Ta=150°C | 168 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:

LC75410WS-E
LC75832W-E
LC75832WS-E
LC75857W-E
LC75857WS-E
LC89075W-H
LV25350PW-TLM-E

List of affected Customer Specific Parts:

LC75857WH-SH-UC-E
LC75857WH-UALP-E