



INITIAL PRODUCT/PROCESS CHANGE NOTIFICATION #20046

Generic Copy

Issue Date: 05-Apr-2013

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

PROPOSED FIRST SHIP DATE: 05-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

NOTIFICATION TYPE:

Initial Product/Process Change Notification (IPCN)

First change notification sent to customers. IPCNs are issued at least 120 days prior to implementation of the change. An IPCN is 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.

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



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QUALIFICATION PLAN:

Reliability test Plan

Reliability Test Plan

Test	Test Conditions	End Point Requirements
※ Temperature Humidity Bias	Ta=85°C,RH=85%, Vcc=Recommended	1000h
High Temperature Storage	Ta=150°C	1000h
※ Temperature Cycle	Ta=-65°C 30min. ⇔ Ta=150°C 30min.	500cycle
※ Pressure Cooker	Ta=121°C,RH=100% 2.03x10 ⁵ Pa	100h

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

Reliability test schedule (plan):

168hr result: 04/22/2013(ww17) <--- FPCN publication

1000hr: 06/10/2013(ww24)

- FPCN will be submitted 168 hours after a reliability test plan
- Samples should be available after completion of interim Qualification

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