



INITIAL PRODUCT/PROCESS CHANGE NOTIFICATION
Generic Copy

08-Feb-2006

SUBJECT: ON Semiconductor Initial Product/Process Change Notification #15336

TITLE: Initial Notification of Qualification of Advance Semiconductor Engineering (Site K7) for Flipchip Assembly

EFFECTIVE DATE: 08-Jun-2006

AFFECTED CHANGE CATEGORY: Subcontractor Assembly Site

AFFECTED PRODUCT DIVISION: Analog Power Management & Integrated power Devices

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact Sales Office or Angela Tam <ffmrtj@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 60 days prior to implementation of the change.

DESCRIPTION AND PURPOSE:

This is an initial PCN announcing the qualification of Advanced Semiconductor Engineering (ASE) Site K7 for flipchip assembly. ASE Site K5 is a qualified assembly site for flipchip assembly. The qualification of Site K7 is for capacity expansion. There will be no change in the wafer/die source, therefore, no electrical performance or specifications will be changed. The products being listed under the "Affected Device List" may be assembled at ASE Site K7 or other qualified assembly sites once the final PCN expires.

QUALIFICATION PLAN:

Reliability testing will consist of temperature cycling and moisture level preconditioning at -40 degree C to +125 degree C for 500 cycles; and highly accelerated stress test for 96 hours.



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AFFECTED DEVICE LIST:

PART

NCP1510FCT1G
NCP2820FCT1
NCP2820FCT1G
NCP2890AFCT2
NCP2890AFCT2G
NCP400FCT2G
NCP4894FCT1
NCP4894FCT1G
NCP4896FCT1G
NLAS4684FCT1
NLAS4684FCT1G
NLAS4685FCT1
NLAS4685FCT1G
NLAS4717FCT1
NLAS4717FCT1G
NLAS4717EPFCT1G
NUF2222FCT1G
NUF2441FCT1
NUF2441FCT1G
NUF3101FCT1
NUF3101FCT1G
NUF4105FCT1
NUF4107FCT1
NUF4107FCT1G
NUF6105FCT1
NUF6105FCT1G
NUF6106FCT1
NUF6106FCT1G
NUF9001FCT1
NUF9001FCT1G
NUF9002FCT1
NUF9002FCT1G
SUY98001FCT1