



INITIAL PRODUCT/PROCESS CHANGE NOTIFICATION #16602

Generic Copy

Issue Date: 17-Mar-2011

TITLE: Qualification of UTAC, Bangkok, Thailand for Assembly/Test of PDIP7/8 LD

PROPOSED FIRST SHIP DATE: 17-Jul- 2011

AFFECTED CHANGE CATEGORY(S): Subcontractor Assembly/Test Location

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or Scott Brow <Scott.Brow@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:

This is an Initial Product Change Notice to alert customers of the planned qualification of UTAC, Bangkok, Thailand, to assemble and test products in PDIP7/8 lead packages. UTAC will provide additional capacity to supplement ON Semiconductors' current assembly and test facility located at Unisem, Batam, Indonesia. UTAC is a currently qualified for assembly/test to run PDIP8 lead packages within ON Semiconductor.

**INITIAL PRODUCT/PROCESS CHANGE NOTIFICATION #16602****QUALIFICATION RESULTS:**

As there is no change in the bill of materials (BOM) from the products already qualified at UTAC, the products will qualify by similarity to devices already running in production.

Reliability Summary:

		Lot 1	Lot 2	Lot 3
Autoclave	121C/15PSI/100%RH/240 Hrs	0/116	0/116	0/116
Temperature Cycle	-65C/+150C, 500 Cycle	0/121	0/121	0/121
THB	85C/85% RH/1000hrs	0/116	0/116	0/116
Wire Bond Inspection	100-500X	0/5	0/5	0/5
Wire Pull		0/5	0/5	0/5

ELECTRICAL RESULTS:

The electrical specifications will remain identical. A full electrical characterization over temperature will be performed for each device to ensure device functionality and electrical specifications.



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List of affected General Parts:

PARTS

NCP1203P100G
NCP1203P60G
NCP1203P40G
NCP1200P60G
NCP1200P100G
NCP1200P40G
NCP1207APG
NCP1216P65G
NCP1216AP65G
NCP1216P100G
NCP1216AP100G
NCP1216P133G
NCP1216AP133G
NCP1217P65G
NCP1217AP65G
NCP1217P100G
NCP1217AP100G
NCP1217P133G
NCP1217AP133G
NCP1230P100G
NCP1230P133G
NCP1230P65G