



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #20467Generic Copy

Issue Date: 07-May-2014

TITLE: LAN Switch Devices in wQFN 42 & 56 pin (Gold Wire).Qualification at ASE-Shanghai and AMKOR-Philippines Assembly Facilities.

PROPOSED FIRST SHIP DATE: 07-Aug-2014

AFFECTED CHANGE CATEGORY(S): ON Semiconductor Assembly

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or <ricardo.avila@onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or <jose.aguilar@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 <jose.aguilar@onsemi.com>.

DESCRIPTION AND PURPOSE:

This is to notify customers of ON Semiconductor that NCN7200MTTWG and other devices built in wQFN 42pin 3.5x9x0.7mm and wQFN56pin 11x5x0.8mm with Gold Wire are now qualified at ASE (Shanghai, China) and Amkor, Philippines. The affected devices listed on this PCN are currently assembled at the UTAC Thailand Assembly facility.

At the expiration of this PCN, these devices may be processed at UTAC location or the newly qualified ASES and Amkor Philippines facilities.

The package outline and electrical performance of the part from the two new assembly sites fully meet datasheet specifications.



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RELIABILITY DATA SUMMARY:

Reliability Test Results:

<u>Test</u>	<u>Conditions</u>	<u>Results</u>
Electrical Test	On Product Specification	0/240
Lot prep		0/240
HTSL	1008 hrs. at 150C	0/240
TC	-65C to 150C, 500cycles	0/240
UHASt	Ta: 130C; RH: 85%; Press: 18.8	0/240
DPA	Evaluated after TC/UHASt	0/6

ELECTRICAL CHARACTERISTIC SUMMARY:

Electrical characteristics meet device specifications.

CHANGED PART IDENTIFICATION:

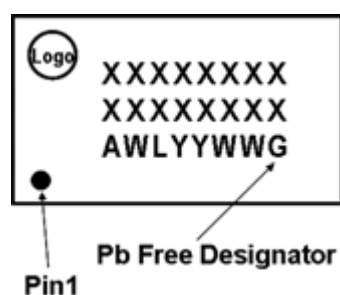
At the expiration of this FPCN devices can be assembled in the existing facilities or ASE, Shanghai or Amkor, Philippines. Devices assembled in the new facilities will have date code of WW32 (July 28), 2014 or later. AMKOR and ASE facilities will follow the ON Semiconductor standard marking for wQFN with package dimensions of 3.5mm x 9.0 mm, 5.0mm x11.0 mm, 6.0mm x6.0 mm, 10mm x 10mm.

Marking shall be "Standard Specification for Integrated Circuits".

Line 1: is the core part number such as NCN7200

Line 2: is lot number information

Line 3: is Date Code with a lead free designator of "G" at the end of the label.



List of affected General Parts:

NCN7200MTTWG
 NCN7201MTTWG
 NCN2411MTTWG
 NCN2612BMTTWG
 NS3L500MTTWG