



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #20491A

Generic Copy

Issue Date: 15-Sep-2014

TITLE: Tube Carrier Option Elimination for QFN (3X3 to 7X7)

PROPOSED FIRST SHIP DATE: 17-Dec-2014

AFFECTED CHANGE CATEGORY(S): Change in Primary Packaging Material Design; and/or Supplier NOT AFFECTING Outer Dimension/Design (carrier tape; reels; shipping trays / tubes/rails)

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or <Richard.Harmon@onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office

ADDITIONAL RELIABILITY DATA: N/A

Contact your local ON Semiconductor Sales Office

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:

Removal of existing Tube Carrier Option for QFN. Tape and reel option will be retained. This will cover all active devices in QFN with the package sizes ranging from 3X3 to 7X7 that are being shipped in tubes.

Purpose is to eliminate the potential Quality Risk of mechanical induced defect and inspection escape introduced during the manual handling and manual/naked eye inspection of the QFNs processed in tube carriers.

Whereas, tape and reel option that is currently available for this package has the capability of an automatic handling & automatic vision inspection thus risk of quality concern is eliminated.



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RELIABILITY DATA SUMMARY: N/A

ELECTRICAL CHARACTERISTIC SUMMARY: N/A

CHANGED PART IDENTIFICATION:

Tube carriers to tape and reel carriers. Tape and reel is an available option for the devices affected below.

List of affected General Parts:

A5191HRTNG-XTD
AMIS30421C4211G
AMIS30422C422G
AMIS30523C5231G
AMIS30532C5321G
AMIS30543C5431G
AMIS30622C6228G
AMIS30623C623AG
AMIS30624C6245G
AMIS49587C5872G
NCN49597MNG
NCN49599MNG
NCN5192MNG
NCS37000MNG