



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16427Generic Copy

Issue Date: 03-Mar-2010**TITLE:** TSSOP48 PACKAGE CONVERSION FROM BARE COPPER LEADFRAME TO PRE-PLATED LEADFRAME – ADDITIONAL LIST OF DEVICES**PROPOSED FIRST SHIP DATE:** 03-Jun-2010**AFFECTED CHANGE CATEGORY(S):** ON Semiconductor Assembly and Test Site**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**Contact your local ON Semiconductor Sales Office or Won Kang <won.kang@onsemi.com>**SAMPLES:** Contact your local ON Semiconductor Sales Office**ADDITIONAL RELIABILITY DATA:** AvailableContact your local ON Semiconductor Sales Office or Matt Kas<Matt.Kas@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 <quality@onsemi.com>.**DESCRIPTION AND PURPOSE:**

This is the Final PCN located at www.onsemi.com announcing a change in lead frame from bare copper to Palladium Pre-plated leadframe for all the TSSOP48 package types, aligning with the other ON Semi TSSOP family devices. Device performance and reliability have not changed. There will be no changes to package dimensions, functionality, or data sheet specifications. This change will be effective for all the TSSOP48L products.

ON Semiconductor continually strives for quality assurance and improvement, providing high quality products to its valued customers.

**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16427****RELIABILITY DATA SUMMARY:****Reliability Test Results:**

Test	Conditions	Results
Temp Cycle	-65/+150°C for 500 cycles	0/240
Autoclave	121°C/100%RH/15psig for 96hrs	0/240
Solderability	Ta/min(°C): 260	0/10

ELECTRICAL CHARACTERISTIC SUMMARY:

Electrical performance will not change.



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List of affected General Parts:

DEVICES

74VCXH16245DTR
74VCXH16245DTRG
M74LCX16240DTR2G
M74LCX16244DTR2H
M74LCX16373DTR2G
M74LCX16374DTR2H
MC74LCX16244DT
MC74LCX16244DTR2
MC74LCX16245DT
MC74LCX16245DTR2
MC74LCX16373DT
MC74LCX16373DTG
MC74LCX16373DTR2
MC74LCX16374DTG
MC74LCX16374DTR2
MC74LCX16374DTRG
SC74LCX16244DTRG
SC74LCX16245DTRG
SC74LCX16373DTRG