

**ON Semiconductor**  
Formerly a Division of Motorola



Subject: Motorola PRODUCT AND PROCESS CHANGE NOTIFICATION 4669

TITLE: WAFER THICKNESS CHANGE FOR HSL AND FACT PRODUCT FAMILIES

EFFECTIVE DATE: 11-AUG-99

AFFECTED CHANGE CATEGORIES

Labeling Change On Shipping Pack

AFFECTED PRODUCT DIVISIONS

GENERAL PURPOSE PRO

ADDITIONAL RELIABILITY DATA: None

Ref:

SAMPLES: No

Ref:

For any questions concerning this notification:

REFERENCE:TOM BRUNER

PHONE: 602-244-5866

DISCLAIMER:

MOTOROLA 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 YOUR LOCAL MOTOROLA SALES  
OFFICE.

GPCN FORMAT: CUSTOMER

DO NOT REPLY TO THIS MESSAGE.

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PRODUCT AND PROCESS CHANGE NOTIFICATION

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ISSUE DATE: 03-May-1999

NOTIFICATION #:4669

EFFECTIVE DATE: 11-Aug-1999

ISSUING DIVISION:PHX-GPPD

DESCRIPTION AND PURPOSE

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The wafer thickness for all Motorola MCW74HCxxx, MCW74HCTxxx, MCW74ACxxx, and MCW74ACT device types will change from 350um (14 mils) to 280um (11 mils). This change is required as Motorola migrates to thinner package types. All wafers with the new thickness of 280um will be identified with a label. If there is no thickness identified, the wafer is 350 um thick.

QUALIFICATION PLAN

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Not required.

RELIABILITY DATA SUMMARY

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Not required.

ELECTRICAL CHARACTERISTIC SUMMARY

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Not required.

CHANGED PART IDENTIFICATION

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Wafer label will identify all wafers that are 280um thick. All wafers processed after WW18, 1999 may be background to 280um.

FILE FORMAT: ASCII TEXT

FONT - Courier

SIZE - 12 Point

LINE - 70 characters/line

PAGE - 55 lines/page

PAGEBREAK CHARACTER - ^L (Control L)

AFFECTED DEVICE LIST (WITHOUT SPECIALS)

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JMC74HC74AW	,	JMC74HCU04AW	,	MCW74AC00	,	MCW74AC02
MCW74AC04	,	MCW74AC08	,	MCW74AC125	,	MCW74AC139
MCW74AC157	,	MCW74AC20	,	MCW74AC240	,	MCW74AC244
MCW74AC245	,	MCW74AC32	,	MCW74AC373	,	MCW74AC86
MCW74ACT00	,	MCW74ACT02	,	MCW74ACT04	,	MCW74ACT10
MCW74ACT138	,	MCW74ACT139	,	MCW74ACT14	,	MCW74ACT153
MCW74ACT157	,	MCW74ACT161	,	MCW74ACT174	,	MCW74ACT175
MCW74ACT240	,	MCW74ACT32	,	MCW74ACT541	,	MCW74ACT574
MCW74ACT74	,	MCW74ACT86	,	MCW74HC00A	,	MCW74HC02
MCW74HC03	,	MCW74HC04	,	MCW74HC04A	,	MCW74HC10
MCW74HC125A	,	MCW74HC132A	,	MCW74HC138A	,	MCW74HC139A
MCW74HC14A	,	MCW74HC157A	,	MCW74HC164	,	MCW74HC173
MCW74HC20	,	MCW74HC240A	,	MCW74HC244A	,	MCW74HC259
MCW74HC30	,	MCW74HC32A	,	MCW74HC373A	,	MCW74HC374A
MCW74HC390	,	MCW74HC4002	,	MCW74HC4024	,	MCW74HC4040
MCW74HC4046A	,	MCW74HC4049	,	MCW74HC4050	,	MCW74HC4052
MCW74HC4078	,	MCW74HC4353	,	MCW74HC4514	,	MCW74HC4851A
MCW74HC4852A	,	MCW74HC595A	,	MCW74HC597	,	MCW74HC597A
MCW74HC73	,	MCW74HC74A	,	MCW74HC75	,	MCW74HC85
MCW74HCT04A	,	MCW74HCT244A	,	MCW74HCT245	,	MCW74HCT374A
MCW74HCT574A	,	MCW74HCU04	,	SCC300024-4591	,	SCC300024-4594