



Subject: ON Semiconductor PRODUCT/PROCESS CHANGE NOTIFICATION 10104

TITLE: EMOSS TAPE AND REEL MATERIAL CHANGE FOR MFP(SO EIAJ
T2)/TSSOP PRODUCTS

EFFECTIVE DATE: 01-APR-00

AFFECTED CHANGE CATEGORIES

AFFECTED PRODUCT DIVISIONS

MOS POWER PRODUCTS DIV
ANALOG DIV

GENERAL PURPOSE PRODUCTS
LOGIC DIV

ADDITIONAL RELIABILITY DATA: None

Ref:

SAMPLES: Contact Below

Ref: NPM032@email.sps.mot.com

Contact your local ON Semiconductor Sales Office.

For any questions concerning this notification:

REFERENCE: JUN HASUNUMA

PHONE: 81-241-27-2231

DISCLAIMER:

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 YOUR LOCAL ON
SEMICONDUCTOR SALES OFFICE.

GPCN FORMAT: CUSTOMER

DO NOT REPLY TO THIS MESSAGE.

PRODUCT/PROCESS CHANGE NOTIFICATION

ISSUE DATE: 19-Dec-1999 NOTIFICATION #:10104
EFFECTIVE DATE: 01-Apr-2000 ISSUING DIVISION:NML-GPPD

DESCRIPTION AND PURPOSE

ON Semiconductor is announcing the emboss tape and reel material change for EL/ER suffixed products. Emboss tape and reel material will be standardized to ON Semiconductor specification to eliminate PVC(polyvinyl chloride) during material disposition.

Material change

	New -----	Current -----
Carrier Tape	1.ADVANTEK 2.Polystyrene 3.<10E06 Ohms	Shinetsu Polymer PVC 10E05-10E08 Ohms
Cover Tape	1.ADVANTEK 2.Polyester Film 3.<10E11 Ohms	Shinetsu Polymer PET/PE/PET Film <10E12 Ohms
Reel	1.ADVANTEK 2.Polystyrene 3.<10E10 Ohms	Shinetsu Polymer cardboard -

Note:1.-Vender, 2.-material, 3.Resistance

Affected Package:SOEIAJ 8 T2
SOEIAJ 14 T2
SOEIAJ 16 T2
SOEIAJ 20 T2
TSSOP 14 5.0L*4.4W.65P
TSSOP 16 5.0L*4.4W.65P
TSSOP 20 6.5*4.4*1.0P.65

Product family:GENERAL PURPOSE

ECL
MOS LOGIC
MOS GATED

Taping Suffix:

EL-Emboss T/R L-Direction 2000 units
ER-Emboss T/R R-Direction 2000 units

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QUALIFICATION PLAN

All materials are already qualified.

RELIABILITY DATA SUMMARY

Not applicable.

ELECTRICAL CHARACTERISTIC SUMMARY

Not applicable.

CHANGED PART IDENTIFICATION

Changed part will be identified by the appearance of packed part.

FILE FORMAT: ASCII TEXT

FONT - Courier

SIZE - 12 Point

LINE - 70 characters/line

PAGE - 55 lines/page

PAGEBREAK CHARACTER - ^L (Control L)

PRODUCT/PROCESS CHANGE NOTIFICATION

AFFECTED DEVICE LIST (WITHOUT SPECIALS)

JLC1146FEL	, MC10H101MEL	, MC10H102MEL	, MC10H103MEL
MC10H104MEL	, MC10H105MEL	, MC10H107MEL	, MC10H109MEL
MC10H113MEL	, MC10H115MEL	, MC10H116MEL	, MC10H117MEL
MC10H124MEL	, MC10H125MEL	, MC10H131MEL	, MC10H158MEL
MC10H159MEL	, MC10H161MEL	, MC10H164MEL	, MC10H174MEL
MC10H176MEL	, MC10H188MEL	, MC10H189MEL	, MC10H210MEL
MC10H211MEL	, MC10H350MEL	, MC10H351MEL	, MC14001BFEL
MC14002BFEL	, MC14007UBFEL	, MC14011BDTEL	, MC14011BFEL
MC14012BFEL	, MC14013BFEL	, MC14014BFEL	, MC14015BFEL
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MC14081BFEL	, MC14093BDTEL	, MC14093BFEL	, MC14094BFEL
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MC74HC00AFEL	, MC74HC02ADTEL	, MC74HC02AFEL	, MC74HC03ADTEL

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MC74HC03AFEL	, MC74HC04ADTEL	, MC74HC04AFEL	, MC74HC08ADTEL
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MC74HC157ADTEL	, MC74HC157AFEL	, MC74HC158AFEL	, MC74HC160AFEL
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TSC14053BFEL , TSC14066BFEL

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