

ON Semiconductor



Subject: ON Semiconductor PRODUCT/PROCESS CHANGE NOTIFICATION 10155

TITLE: SPECIFICATION CHANGE FOR LVX4066 AND LVXT8051

EFFECTIVE DATE: 06-JUL-00

AFFECTED CHANGE CATEGORIES

Device Specification / Errata

AFFECTED PRODUCT DIVISIONS

LOGIC PRODUCTS DIV

ADDITIONAL RELIABILITY DATA: Available

Ref: RJJ930

Contact your local ON Semiconductor Sales Office.

SAMPLES: Contact Below

Ref: RPDR20

Contact your local ON Semiconductor Sales Office.

For any questions concerning this notification:

REFERENCE: DOUGLAS BUZARD

PHONE: 602-244-3126

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: 28-Mar-2000

NOTIFICATION #:10155

EFFECTIVE DATE: 06-Jul-2000

ISSUING DIVISION:ON SEMICONDUCTO

DESCRIPTION AND PURPOSE

ON Semiconductor announces a change in specification of the following products: MC74LVX8051 and MC74LVX4066. The change affects the specification for Maximum ON Resistance through the switch. This specification change is being done to insure consistent yields, and give reliable performance to specification for our customers. The product is not changing performance in any way.

QUALIFICATION PLAN

No separate reliability testing was done as the product itself is not changing.

RELIABILITY DATA SUMMARY

No separate reliability testing was done, as the product itself is not changing.

ELECTRICAL CHARACTERISTIC SUMMARY

Data available upon request

The Specification change for the devices will be as follows:

MC74LVX4066

Maximum "ON" Resistance(not endpoints)

Vcc = 3.0V

Temperature	Old Spec	New Spec
-55DegC - 85DegC	30 ohms	40 ohms
* 85DegC	35 ohms	45 ohms
* 125DegC	40 ohms	50 ohms

MC74LVXT8051

Maximum "ON" Resistance(not endpoints)

Vcc = 3.0V

Temperature	Old Spec	New Spec
-55DegC - 85DegC	30 ohms	40 ohms
* 85DegC	35 ohms	45 ohms
* 125DegC	40 ohms	50 ohms

Vcc = 4.5V

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Temperature	Old Spec	New Spec
-55DegC - 85DegC	25 ohms	30 ohms
* 85DegC	28 ohms	32 ohms
* 125DegC	35 ohms	37 ohms

Vcc = 4.5V

Temperature	Old Spec	New Spec
-55DegC - 85DegC	20 ohms	25 ohms
* 85DegC	25 ohms	28 ohms
* 125DegC	30 ohms	30 ohms

Characterization data and samples of the parts are available. Direct all questions or sample and data requests to your local ON Semiconductor sales office. If there is no ON Semiconductor sales office in your area, refer all questions to the contact person listed below.

CHANGED PART IDENTIFICATION

All old product will perform to the new specification. All product from date code 0014 forward will be tested to the new specification.

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)

MC74LVX4066D	, MC74LVX4066DR2	, MC74LVX4066DT	, MC74LVX4066DTR2
MC74LVX8051D	, MC74LVX8051DR2	, MC74LVX8051DT	, MC74LVX8051DTR2
MC74LVX8053D	, MC74LVX8053DR2	, MC74LVX8053DT	, MC74LVX8053DTR2
MC74LVXT4066D	, MC74LVXT4066DR2	, MC74LVXT4066DT	, MC74LVXT4066DTR2
MC74LVXT8051D	, MC74LVXT8051DR2	, MC74LVXT8051DT	, MC74LVXT8051DTR2
MC74LVXT8053D	, MC74LVXT8053DR2	, MC74LVXT8053DT	, MC74LVXT8053DTR2