



Product Change Notification



Product Group: Vishay Siliconix/ May 16, 2008/PCN-SIL-0182008 Rev 0

Wafer Fabrication Upgrade on Commercial MOSFET Products

DESCRIPTION OF CHANGE: As part of our continued quality improvement process, Vishay Siliconix announces a process change in wafer production. By reducing the number of wafer mask layers to six from seven, Vishay Siliconix commercial 200M cell Power MOSFET products have exhibited an improvement in typical product performance, as well as an increase in overall wafer fabrication volume.

CLASSIFICATION OF CHANGE: Wafer manufacturing upgrade

REASON FOR CHANGE: Product performance improvement and increased production capacity.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: There will be no effect on quality, reliability. Changes to typical product performance will be reflected in the datasheets.

PRODUCT CATEGORY: Commercial Power MOSFETs

PART NUMBERS/SERIES/FAMILIES AFFECTED: See page 2 of this PCN.

VISHAY BRAND(s): Vishay Siliconix

TIME SCHEDULE: Shipments of products with this wafer process upgrade will start in August 2008.

SAMPLE AVAILABILITY: Samples can upon request. Please contact your regional Vishay Sales to place sample orders.

PRODUCT IDENTIFICATION: There will be no change to product identification as a result of this process upgrade.

QUALIFICATION DATA: Qualification data available upon request.

This PCN is for notification purposes only. Your response is not required. If you have any questions, contact your local Vishay Sales Office.

ISSUED BY: Dave MacDonald, Technical Marketing Manager. E-mail address: Dave.macdonald@Vishay.com

For further information, please contact your regional Vishay office.

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Vishay Intertechnology, Inc.

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ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT

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Part Numbers Affected by Mask Reduction 200M cell Die Technology

SI3493BDV-T1-E3	SI1071X-T1-GE3	SI7405BDN-T1-GE3
SIA413DJ-T1-GE3	SI1073X-T1-GE3	SI7405BDN-T1-E3
SIA413DJ-T1-E3	SI1073X-T1-E3	SI7611DN-T1-GE3
SI1065X-T1-E3	SI1473DH-T1-E3	SI7905DN-T1-E3
SI1471DH-T1-E3	SI2303CDS-T1-E3	SI7905DN-T1-GE3
SI1469DH-T1-E3	SI3447CDV-T1-E3	SIA415DJ-T1-GE3
SI1067X-T1-E3	SI3471CDV-T1-E3	SIA415DJ-T1-E3
SI3443CDV-T1-E3	SI3473CDV-T1-E3	SIA421DJ-T1-E3
SI1071X-T1-E3	SI4459ADY-T1-GE3	SIA421DJ-T1-GE3
SI1065X-T1-GE3	SI4561DY-T1-E3	SUD50NP04-77P-T4E3
SI1067X-T1-GE3	SI4835DDY-T1-E3	SUD50P04-40P-E3
SI1069X-T1-E3	SI4943CDY-T1-E3	SUD50P04-40P-T4-E3
SI1069X-T1-GE3	SI7121DN-T1-GE3	

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