

Microsemi Corporation

February 8, 2017

Product/Process Change Notification No: 0517**Change Classification: Minor, Design, Transition****Subject: VSC7442YIH-01, VSC7444YIH-01, VSC7448YIH-01, VSC7449YIH-01 design update**

Description of Change: The devices listed in this notification are changing from revision C to revision D. Changes are being made to areas of the die that are outside of the function of these devices. As a result of this transition, the following changes will apply.

- The revision C devices will be discontinued with a last order date of August 9, 2017 and a last ship date of February 9, 2018. All last-time-buy orders must be booked as non-cancelable non-returnable (NCNR) by the last order date specified. Acceptance of last-time-buy orders is subject to product availability, and done at the discretion of Microsemi Corporation. Every effort will be made to fulfill these orders.
- The revision D ordering part numbers will be VSC7442YIH-02, VSC7444YIH-02, VSC7448YIH-02, and VSC7449YIH-02, respectively.

Reason for Change: Microsemi is implementing the design changes to improve the functionality of the VSC7438YIH-01, VSC7464YIH-01, and VSC7468YIH-01 devices. Changes to the VSC7442YIH-01, VSC7444YIH-01, VSC7448YIH-01, and VSC7449YIH-01 devices align the manufacturing of all devices to a common revision.

Application Impact: There is no change to fit, form, function, quality, or stated reliability.

As a result of the change from revision C to D, the device revision number in bits 31:28 (REV_ID) of the CHIP_ID (0x00000000) register will change to 0x03.

For software support on eCos, revision D is supported with APPL-3.66/API-4.68 or later releases. All Linux-based software supports revision D.

Method of Identifying Changed Product: Revision D devices will be identified by their part numbers: VSC7442YIH-02, VSC7444YIH-02, VSC7448YIH-02, VSC7449YIH-02.

Products Affected by this Change:

VSC7442YIH-01, VSC7444YIH-01, VSC7448YIH-01, VSC7449YIH-01

Production Shipment Schedule: Beginning May 9, 2017, customers may receive revision D devices.

Qualification Data: The revision D qualification reports, material composition declarations, and datasheets are available on the Microsemi web site at www.microsemi.com.

Samples Availability: Samples of revision D devices are available now. Please contact your local Microsemi representative to place sample orders.

Contact Information:

If you have further questions related to this topic, contact Microsemi's Technical Support at ENT.quality@microsemi.com

Regards,

Microsemi Corporation

Any projected dates in this PCN are based on the most current product information at the time this PCN is being issued, but they may change due to unforeseen circumstances. For the latest schedule and any other information, please contact your local Microsemi Sales Office, the factory contact shown above, or your local distributor.

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