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**Subject: PCN: Change in Manufacturing location  
VI-CN-060530**

**Date: May 30, 2006**

**From: Ram Arvikar  
603-577-6860**

***NOTE: This PCN is intended to be a general PCN for all customers. It does not affect customers who may already have been individually notified about this change.***

**To:  
All Customers:**

This PCN affects the VCXO product built at the Vectron's U.S facilities in Hudson , N.H. and Mt. Holly Springs, Pa.

For several years, Vectron has been using qualified key off-shore partners for work-assist and to ease capacity constraints in the U.S. factories. With recent upsurge in demand Vectron has found it necessary to rely more on these partner factories to support the production of price-sensitive, low-end VCXO products, typically 7x5 ceramic-packaged parts.

While Vectron has notified and will notify major customers whenever a part is transferred to its partner factories, this PCN is intended to serve as a general notification to all customers<sup>1</sup> that Vectron will be supporting future deliveries using product built in the off-shore facilities. Product built by the partners is form, fit, function compatible with existing equivalent parts built in the U.S. factories<sup>2</sup>. For traceability, product sourced in this manner can be identified with a special mark on the cover: a letter such as "K", "T1", "T2", "J" following the stamped date code.

If you need any additional information regarding this change, please contact your VI Marketing & Sales Representative or contact:

M. Saucedo  
Phone: 603-577-6829  
email:dbobb@vectron.com

R. Arvikar  
Phone: 603-577-6860  
rarvikar@vectron.com

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<sup>1</sup> Generally Tier 2/3 customers who have low-volume or infrequent buy history; customer supported through distribution channels/accounts

<sup>2</sup> Partner factories use qualified materials and processes for product assembly in their production lines. In some cases a commercially equivalent ASIC may be used instead of the VI proprietary ASIC.



**CUSTOMER NOTIFICATION OF PROPOSED PRODUCT/PROCESS CHANGE**

CPN Number: VI-CN-060530 VI Location Requesting  
 Change:  
 Date: May 30, 2006  MHS  NBH  PST  WTB  PDG  HUD  
 Customer Approval: Required: \_\_\_\_\_ Information Only X \_\_\_\_\_

Product Code(s): Ceramic packaged 7x5 SMD VCXO oscillators manufactured by VI

Part Numbers various

Project/Application: various

Customer (s)/Location(s) \_\_\_\_\_

Description of Change Manufacturing location change: SMD VCXO oscillators to be manufactured in VI's offshore partner factories.

**Effects of Change to:**

Appearance Minor change: a mark on the cover following the date code identifies the source factory.

Product Identification None.

Test Specification None.

Performance Parameters None.

Reliability None. Vectron has been offering the parts built in its Partner factories for several years and has qualified the product through life tests and environmental tests.

Sample Availability Date N/A

Estimated Shipment Date N/A

Requested Customer Response Date N/A

Product Manager M. Saucedo Tel.: 603-577-6860 Fax.:  
 D. Bobb 717-486-6047

Respond to: R. Arvikar Tel.: 603-577-6860 Fax.: 603-577-6876

CPN No.: <b>VI-CN-060530</b>	Change Description Manufacturing location change; 5 x7 SMD VCXOs	Issue: 1	Date: 5/30/06
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