



Product Change Notice

PCN #: 070124

Date: January 24, 2007

Re: V375A48 Maxi Modules

To Our Valued Customers:

We appreciate your use of Vicor DC-DC converters. The purpose of this notice is to inform you of a change in product performance.

PCN Type:

Notice of a product performance parameter change.

Product(s) Affected:

All DC-DC converter model numbers beginning with V375A48 (e.g. V375A48C600BL). See attached list for complete list of part numbers affected.

Proposed Change:

Operating frequency of the converter will change from a nominal 734kHz to 452kHz at low line, full load conditions. Operating frequencies at other load and line conditions will also change.

Reason(s) for the Change:

Long term component availability.

Customer Impact:

Customers using the module in single module applications will see no material difference in the performance of the newer design. All published specs, such as efficiency and ripple will be within normal specification limits.

Applications requiring paralleling of modules for increased power or N+M redundancy will be affected. The newer design will **NOT** current share with older versions. The different designs must not be mixed in a parallel array. When replacing a failed module in an array, the modules must all be of the same design.

Product traceability and transition dates

To determine the version of the design, Vicor modules have a date of manufacture code in the serial number. The first 8 characters designate the production line and date of manufacture:

LLYYMMDD

LL = Line Number

YY = Year (00 - 99)

MM = Month (01 - 12)

DD = Day (01 - 31)

For example, a serial number of 01070110214532 indicates that the module was built on line 1 on January 10, 2007.

Effective date of change: January 24, 2007



Reliability/qualification summary

The new design has been subjected to and passed an exhaustive series of electrical and reliability tests that are standard for the Maxi product series. Reliability is projected to equal or exceed that of the previous design.

Company Contact:

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Part Numbers Affected by this PCN

V375A48C600B
V375A48C600BG
V375A48C600BL
V375A48C600BL2
V375A48C600BN
V375A48C600BN3
V375A48C600BS2
V375A48E600BG
V375A48E600BL
V375A48H600BL
V375A48H600BN
V375A48H600BS3
V375A48M600BL
V375A48T600BL
V375A48T600BN