

Product Change Notice

PCN #: BE110509

Date: May 5, 2011

Re: V375B48x300Bxx Mini 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 **V375B48x300B** (e.g. **V375B48T300BL**). See attached list for complete list of part numbers affected.

Proposed Change:

Operating frequency of the converter will change from a nominal 371kHz to 537kHz 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

To determine the design version of a module, please refer to the serial number just below the part number. Modules with serial numbers greater than 01110509000000 are the new versions and will not be compatible with modules that have a lower serial number.

Effective date of change: Modules manufactured on or after May 9, 2011.

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 Mini 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

V375B48C300B
V375B48C300BG
V375B48C300BG2
V375B48C300BG4
V375B48C300BL
V375B48C300BL2
V375B48C300BN
V375B48E300BG
V375B48E300BG3
V375B48E300BL
V375B48E300BL2
V375B48E300BL3
V375B48E300BN
V375B48E300BN2
V375B48E300BS2
V375B48H300BG4
V375B48H300BL
V375B48H300BL3
V375B48M300BG
V375B48M300BL
V375B48M300BN3
V375B48T300BG
V375B48T300BG2
V375B48T300BL
V375B48T300BL2
V375B48T300BS