

Product Change Notice

PCN #: BE110913

Date: September 13, 2011

Re: V48A15x500Bxx 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 **V48A15x500Bxx** (e.g. **V48A15C500BL**). See attached list for complete list of part numbers affected.

Proposed Change:

Operating frequency of the converter will change from a nominal 663 kHz to 477 kHz 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 xx110910000000 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 September 10, 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 Maxi product series. Reliability is projected to equal or exceed that of the previous design.

Company Contact:

Applications Engineering
Vicor Corporation

25 Frontage Road
Andover, MA 01810
apps@vicorpower.com

Part Numbers Affected by this PCN

V48A15C500B
V48A15C500BG
V48A15C500BL
V48A15C500BL3
V48A15C500BN
V48A15E500BF
V48A15E500BG
V48A15E500BG2
V48A15E500BL
V48A15E500BN3
V48A15H500BL2
V48A15M500BL
V48A15T500BG