



Product Change Information

Product Change Information # VI20230605

Date: June 5, 2023

To Our Valued Customer:

In May of 2022, Vicor celebrated the opening of its ChiP™ (Converter housed in Package) fabrication facility enabling scalable, automated, cost-effective manufacturing of power modules in the United States. The new Vicor foundry increases the vertical integration of module assembly including the package plating process step that is currently performed by an outside partner. Power modules that have been plated within the Vicor facility are expected to ship from Vicor in the second half of 2023. These power modules exhibit no change to product performance or material declaration. A follow-on PCN will provide specific timing of the change and availability of a package qualification report.

PCI Type:

Product change information only. No change to form, fit, function or reliability of the devices Vicor produces.

Products Affected:

All Vicor "SM ChiP" and "CM ChiP" products that receive metallic plating as the final finish.

Proposed Change:

Plating process steps on "SM ChiP" and "CM ChiP" products will be transferred from our outside partner to be completely done internal at Vicor at our 400 Federal Street campus.

Reason(s) for the Change:

As part of Vicor's roadmap to complete vertical integration and control of processes for fabrication of Vicor devices.

Validation Data:

IPC based product testing for circuit board process control and select IPC 9592 and/or Mil Std 810 product level testing is being performed in stages.

Related Notifications:

Additional Product Change Notifications coincident with the full roll out of all process at the 400 Federal Street campus will be provided.

Effective Dates:

Power modules that have been plated within the Vicor facility are expected to ship from Vicor in the second half of 2023. Exact date dependent on product, contact Vicor for further information.

Actions Required:

Customers should expect no change to the products they receive. Integration of this processing internal to Vicor will reduce cycle time for manufacture and allow Vicor full process control of all processes. Customers should make note of the update and contact your Vicor representative with any questions or concerns.

Company contact for technical questions:

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