



PCN #: VE20250423

Date: April 23, 2025

**To Our Valued Customers:**

We appreciate your use of Vicor power modules. The purpose of this notice is to inform of a specification change to the **BCM48Bx120y300A00**

**PCN Type:**

Product specification change

**Product(s) Affected:**

BCM48BF120M300A00	BCM48BT120M300A00
BCM48BF120T300A00	BCM48BT120T300A00

**Proposed Changes:**

Minor change to electrical specifications as detailed below:

**Existing Datasheet Rev 1.9**

Attribute	Symbol	Conditions	Min	Typ	Max	Unit
V <sub>in</sub> to V <sub>out</sub> Time	t <sub>QN1</sub>		340	450	620	ms
Inrush Current Peak	I <sub>INR_P</sub>	R <sub>LOAD</sub> = 391mΩ		10	20	A
Fault Recovery Time	t <sub>AUTO_RESTART</sub>		240	300	380	ms

**Revised Datasheet Rev 2.0 (blue text denotes change)**

Attribute	Symbol	Conditions	Min	Typ	Max	Unit
V <sub>in</sub> to V <sub>out</sub> Time	t <sub>QN1</sub>		590	760	930	ms
Inrush Current Peak	I <sub>INR_P</sub>	R <sub>LOAD</sub> = 600mΩ		7.5	20	A
Fault Recovery Time	t <sub>AUTO_RESTART</sub>		630	730	830	ms

**Reason for Change:**

Additional MOSFET supplier added to the internal module BOM.

**Actions Required:**

Customer should make note of the update and contact Product Management with any questions or concerns.

**Effective Dates:**

Effective Immediately

**Company Contact:**

Product Management

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