



Product Change Notice

PCN #: VE20240607

Date: June 7th, 2024

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 BCM48Bx040y200B00

PCN Type:

Additional MOSFET supplier added to the BOM.

Product(s) Affected:

| | |
|-------------------|-------------------|
| BCM48BF040M200B00 | BCM48BF040T200B00 |
| BCM48BT040M200B00 | BCM48BT040T200B00 |

Proposed Changes:

Minor change to Output Resistance as detailed below:

Datasheet Revision 1.3

| Attribute | Symbol | Conditions | Min | Typ | Max | Unit |
|-------------------|-----------|-----------------------------|-----|-----|-----|------|
| Output Resistance | ROUT_COLD | IOUT = 50A, TCASE = -40C | 1.5 | 2.0 | 2.6 | mΩ |
| | ROUT_AMB | IOUT = 50A, TCASE = 25C | 1.8 | 2.4 | 3.0 | |
| | ROUT_HOT | IOUT = 50A, TCASE = 100C | 2.0 | 2.7 | 3.3 | |

Datasheet Changes Revision 1.4

| Attribute | Symbol | Conditions | Min | Typ | Max | Unit |
|-------------------|-----------|-----------------------------|-----|-----|------------|------|
| Output Resistance | ROUT_COLD | IOUT = 50A, TCASE = -40C | 1.5 | 2.0 | 2.7 | mΩ |
| | ROUT_AMB | IOUT = 50A, TCASE = 25C | 1.8 | 2.4 | 3.2 | |
| | ROUT_HOT | IOUT = 50A, TCASE = 100C | 2.0 | 2.7 | 3.3 | |

Effective Dates:

Effective Immediately

Actions Required:

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

Company Contact:

Product Management

Vicor Corporation

25 Frontage Road Andover, MA 01810

apps@vicorpower.com