

Cree® Datasheet Change Notification

Date Issued:

February 15, 2021

Title

Changes in the Datasheets of 650 V 15 mΩ (C3M) and 60 mΩ (C3M) SiC MOSFET Discrete Devices

Description of the Change

Cree is making the following changes in its datasheets of the discrete power products listed in Table 1. This change will have impacts on the electrical functionality of these devices.

- Continuous Drain Current Rating (I_D) (Page 1).
- Continuous Drain Current Derating vs. Case Temperature (Page 7, Figure 19).
- Safe Operating Area (Page 7, Figure 22).

Reason for the Change

The main reason of this change is to clarify the package performance of the discrete power products listed in Table 1

Affected Products

Table 1 lists the products affected by the datasheet change.

Table 1. Affected Products.

Cree Part Number
C3M0015065D
C3M0015065K
C3M0060065D

Anticipated Impact

Table 2 summarizes the revision history of the datasheets relevant to this change. Cree urges its customers to refer to the updated datasheets to learn more about impacts on the affected products' electrical functionality.

Table 2. Datasheet Revision History.

Product	Package	Previous Datasheet Revision	New Datasheet revision
C3M0015065D	TO-247-3	Rev. 4, 12-2020	Rev. 5, 02-2021
C3M0015065K	TO-247-4	Rev. 3, 10-2020	Rev. 4, 02-2021
C3M0060065D	TO-247-3	Rev. 3, 07-2020	Rev. 4, 02-2021

Contact Information

If you have any questions regarding this notice, please refer to the contact information listed in Table 3.

Table 3. Contact Information.

Cree Contact:	Cree Customer Service
Cree Contact E-Mail:	cree_cs_order_admin_2@cree.com
Cree Contact Fax Number:	
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Revision History

Date	Revision	Description
February 15, 2021	1.0	Initial release