

## Wolfspeed® Product/Process Change Notification

PCN Number: PCN-00094  
PCN Type: Informational

PCN Issue Date: December 5, 2023

### PCN Title

Updated Datasheet Package Drawing of TO-263-2 for SiC Discrete Schottky Diodes

### Description of the Change

Wolfspeed has made some changes in the TO-263-2 package outline drawing in its datasheets for the discrete power products listed in Table 1. These changes are summarized below.

#### C3D06060G, C3D08060G, and C3D10060G:

- Dimension D1: USL changed from 8.23 mm → 6.88 mm.
- Dimension E1: LSL from 7.88 mm → 7.54 mm and USL from 8.08 mm → 8.53 mm, relief cut is added.
- Dimension L3 removed as the middle pin is no longer present.
- Removed flatness specification because it is no longer measured.

#### C6D20065G:

- Location of L and L1 dimensions corrected to incorporate the full package length.

### Benefit of the Change

Dimensions listed in the package outline drawings have been updated to reflect the current production tolerance and design of the TO-263-2 discrete power products listed in Table 1.

### Affected Products

Table 1 lists the products affected by this Informational PCN.

**Table 1. Affected Product Lists.**

| Wolfspeed Part Number |
|-----------------------|
| C3D06060G             |
| C3D08060G             |
| C3D10060G             |
| C6D20065G             |

### Anticipated Impact

No change is expected to current production. Table 2 summarizes the revision history of the datasheets relevant to this notification. The changes presented in this PCN have no impact to the electrical functionality of any of the discrete Schottky diode parts. They simply reflect the mechanical tolerances of current production.

|                                                                                                                                                                   |                                                                                      |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------|
| © 2021 Wolfspeed, Inc. All rights reserved. Wolfspeed® and the Wolfstreak logo are registered trademarks and the Wolfspeed logo is a trademark of Wolfspeed, Inc. | Title: Updated Datasheet Package Drawing of TO-263-2 for SiC Discrete Schottky Diode |              |
|                                                                                                                                                                   | Document #: PCN-00094                                                                | Rev: 0       |
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**Table 2. Datasheet Revision History.**

| Product   | Package  | Previous Datasheet Revision | New Datasheet Revision |
|-----------|----------|-----------------------------|------------------------|
| C3D06060G | TO-263-2 | Rev H                       | Rev 10                 |
| C3D08060G | TO-263-2 | Rev H                       | Rev 12                 |
| C3D10060G | TO-263-2 | Rev H                       | Rev 12                 |
| C6D20065G | TO-263-2 | Rev 0                       | Rev 1                  |

## Contact Information

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

**Table 3. PCN Contact.**

|                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| <b>Wolfspeed Contact</b>        | Wolfspeed PCN Administrator                      |
| <b>Wolfspeed Contact E-Mail</b> | pcn@wolfspeed.com                                |
| <b>Wolfspeed Contact Phone</b>  | 1.844.200.WOLF                                   |
| <b>Address</b>                  | 4600 Silicon Drive<br>Durham, NC 27703<br>U.S.A. |

## Revision History

| Date             | Revision | Description     |
|------------------|----------|-----------------|
| December 5, 2023 | 0        | Initial release |