

# Cree, Inc. Customer Notification

*PCN-PW053: Scheduled Obsolescence of Gate Driver Boards for 1.2kV 45mm Modules*

**Change Description:** Cree has developed a new generation of gate driver boards for the 1.2kV 45mm six-pack power module product line. The new gate driver board has a smaller footprint and enhanced functionality including increased power per channel enabling the maximum switching frequency to increase to 250 kHz. Cree's intent is to obsolete the existing part number listed below:

**Existing Part:** CGD15FB45P

**Replacement:** CGD15FB45P1

**Part Description:** Cree Gate Driver for 1.2 kV, 45 mm six-pack Power Module G2

**Impact of Change:** The existing part number CGD15FB45P is no longer recommended for new designs. All customers with existing POs in backlog will be given the option to convert to the new part number which is currently in Cree inventory. A one-time final build with 8 weeks lead time will be offered to the customers in the backlog who are unable to convert. Existing product will remain in Cree's distribution channels until sellout. The replacement part number is recommended for new designs, available from stock and offers the best price for performance, order lead time and availability.

**Reason for Change:** The replacement part is an example of Cree's commitment to provide new and improved products to the power electronics market. Customers interested in Cree's power module products are primarily pursuing higher switching frequency and compact system design. The replacement part enables customers to pursue these design targets more aggressively, thereby extracting more system level benefit from Cree's module products.

**Effective Implementation Date:** This change is effective immediately. Existing part number CGD15FB45P is no longer recommended for new designs. Cree will perform a one-time final build to cover the needs of existing backlog customers unable to convert to the replacement part. Afterward, production of the existing part will be discontinued. Any questions or requests for additional information should be directed to your sales representative or by contacting Cree, Inc. directly at 919-287-7888 or via [creepower\\_sales@cree.com](mailto:creepower_sales@cree.com)

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