

Cree, Inc. Product Change Notification

PCN-PW075: Change of Power Module Laser Marking

Change

Cree has begun the process of updating the module marking of some of its module products, to accommodate increased shipment volumes inside orders. The purpose of this PCN is to provide advanced notice to our customers of the proposed change, so they may prepare for the change.

Change Description

The current marking format is SYYYY-XXX, where YYYY = date code and XXX = serial number.

The new format will be SYYYY-XXXX with the serial number expanded to 4 digits to accommodate PO's with up to 9999 modules.

Part Description

All current standard housing modules, 45mm and 62mm are affected. Refer to Table 1 for a full list of ordering part numbers.

An illustration of an example power module marking change is shown below.



Example of laser marking change for Cree power module product WAS300M12BM2. Laser marking change proposed changes from SYYYY-XXX (i.e. 001 - 999) to SYYYY-XXXX (i.e. 0001 - 9999).

Impact of Change

The impact of the change is to the laser marking on the power module only. **There is no change to form, fit, function, or reliability of the power module.**

This change will be noticeable to customers ordering 62mm and 45mm power modules from Cree. Specific part numbers affected by the change are:

62mm power module part numbers affected by change	45mm power module part numbers affected by change
CAS300M12BM2 (1200V, 300A, ½ bridge)	CCS020M12CM2
CAS120M12BM2 (1200V, 120A, ½ bridge)	CCS050M12CM2
CAS300M17BM2 (1700V, 300A, ½ bridge)	
WAS300M12BM2 (1200V, 300A, ½ bridge – THB 80)	

This change is being rolled out on all module products listed above.

Reason for Change

As demand for Cree’s SiC products has continued to grow, it has become necessary to add additional digits to our laser marking for product traceability with higher volume product orders.

Reason for Notification

The purpose of this notification is to provide advanced notice to our customers who notice a change in laser marking on the affected power module products.

Transition is scheduled to occur beginning in February 2019. Samples are currently available upon request.

Please respond to this PCN by indicating your approval on the included approval form at the end of this PCN, sign it and return to your local sales representative by Mar 30th, 2019. If you have any concerns or questions, or if you require any assistance in preparing for these changes, please notify your local sales representative. In accordance with JEDEC Standard JESD46D, lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.

Your prompt reply will help ensure a smooth and well executed transition.

Contact

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 email at CreePower_sales@cree.com.

PCN Originator:
 Name: Casady, J.
 Title: Die and Module Product Marketing, Wolfspeed Power Devices
 Issued: 30 January 2019

Disclaimer:
 If we do not receive any response by the date in the PCN above, we consider this as the acceptance of the PCN.

PCN-PW075 CUSTOMER APPROVAL FORM Change of Power Module Laser Marking

Please check the appropriate boxes below:

We agree with this proposed change and its schedule

We need more information:

Sender:

Company:

Address/Location:

Name:

Email:

Primary Telephone:

Signature:

Fax:

Date:

Please return to your Sales Representative

Company: Cree

Address/Location:

Name:

Email:

Primary Telephone:

Fax: