

Cree, Inc. Product Change Notification

PCN-PW062: Planned Product Discontinuation Notice: 2nd Generation 1200V SiC Schottky Diodes

Change

Effective November 5, 2018 Cree, Inc. will no longer build to order 2nd Generation 1200V SiC Schottky diodes, which includes all devices with part numbers that begin with “C2D” and “CPW2-1200”. New manufacturing orders from Cree authorized distributors will not be accepted after May 5, 2018 and any customer requested release dates after October 30, 2018 will not be accepted and scheduled by Cree as Supplier.

Change Description

Cree 2nd Generation 1200V SiC Schottky Diodes labeled as Cree C2D05120A, C2D05120E, C2D05120E-TR, C2D10120A, C2D10120D, C2D20120D, CPW2-1200-S005B, CPW2-1200-S005B-FR1, CPW2-1200-S010B, CPW2-1200-S010B-FR1, CPW2-1200-S010BP, CPW2-1200-S010B-SK, and CPW2-1200-S050B. These products are currently classified as “not recommended for new designs” and will be moved to “End of Life (EOL)” effective May 5, 2018. Existing customers are advised to qualify suggested replacement products shown in the table below:

Existing Part	Replacement Parts	Description
C2D05120A	C4D05120A	Cree SiC Schottky diode, 1200V, 5A in TO-220-2
C2D05120E	C4D05120E	Cree SiC Schottky diode, 1200V, 5A in TO-252-2
C2D05120E-TR	C4D05120E-TR	Cree SiC Schottky diode, 1200V, 5A in TO-252-2
C2D10120A	C4D10120A	Cree SiC Schottky diode, 1200V, 10A in TO-220-2
C2D10120D	C4D10120D	Cree SiC Schottky diode, 1200V, 10A in TO-247-3
C2D20120D	C4D20120D	Cree SiC Schottky diode, 1200V, 20A in TO-247-3
CPW2-1200-S005B	CPW4-1200-S005B-FR6	Cree SiC Schottky diode, 1200V, 5A bare die
CPW2-1200-S005B-FR1	CPW4-1200-S005B-FR6	Cree SiC Schottky diode, 1200V, 5A bare die
CPW2-1200-S010B	CPW4-1200-S010B-FR6	Cree SiC Schottky diode, 1200V, 10A bare die
CPW2-1200-S010B-FR1	CPW4-1200-S010B-FR6	Cree SiC Schottky diode, 1200V, 10A bare die
CPW2-1200-S010BP	CPW4-1200-S010B-FR6	Cree SiC Schottky diode, 1200V, 10A bare die
CPW2-1200-S010B-SK	CPW4-1200-S010B-FR6	Cree SiC Schottky diode, 1200V, 10A bare die
CPW2-1200-S050B	CPW5-1200-Z050B-FR6	Cree SiC Schottky diode, 1200V, 5A bare die

Part Description

All catalog bare die and discrete packaged parts within Cree’s family of 2nd Generation 1200V SiC Schottky diodes will be discontinued.

Impact of Change

The existing part numbers will be discontinued. The replacement part numbers are recommended for new designs and are commercially available at Cree authorized distributors.

Reason for Change

The 1200 2nd Generation product has been replaced with more advanced 4th Generation SiC Schottky diode technology. As such, Cree is electing to discontinue all 2nd Generation 1200V SiC Schottky diodes for business reasons and factory optimization.

Effective Implementation Date

This change is implemented as described below. Impacted part numbers are no longer recommended for new designs and sampling has been suspended.

- February 5th, 2018 EOL notice sent to Cree distributors and customers
- May 5th, 2018 Last Time Buy ("LTB"): Last time order date for the discontinued product
- November 5th, 2018 Last time delivery date

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.

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