

Microsemi Corporation

August 11, 2017

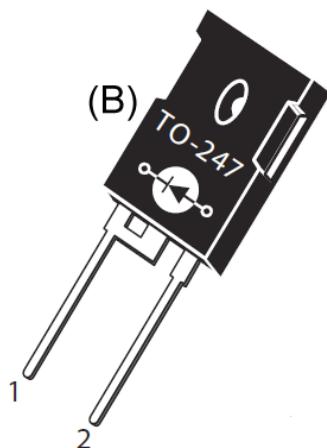
Product/Process Change Notification No: PPS1105130C32

Change Classification: Minor

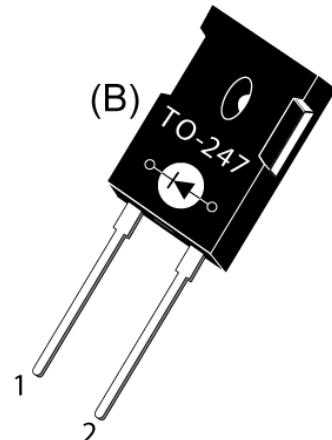
Subject: Diode TO-247 package change from 3-lead with dambar to true 2-lead with 100% Sn plate lead finish

Description of Change: Microsemi power discrete, single diodes that are currently assembled in TO-247 (B pack) 3-lead packages with dambar will be changing to TO-247 (B pack) true 2-lead packages without dambar and with 100% Sn plate lead finish.

From TO-247 3-lead with dambar



To TO-247 true 2-lead



Reason for Change: Customer requests and increased high voltage clearance between leads.

Application Impact:

Other than the package lead changes, no other changes to the datasheets of these products are expected.

Method of Identifying Changed Product:

The lead frame can be identified visually as having either 3 leads with dambar or 2 leads without dambar.

Products Affected by this Change:

APT100DL60BG
APT30DL60BG
APT15D100BG
APT15D120BG
APT15D60BG
APT15DS60BG
APT30D100BG
APT30D120BG
APT30D20BG
APT30D30BG
APT30D40BG
APT30D60BG
APT30DS60BG
APT60D100BG
APT60D120BG
APT60D20BG
APT60D40BG
APT60D60BG
APT15DQ100BG
APT15DQ120BG
APT15DQ60BG
APT30DQ100BG
APT30DQ120BG
APT30DQ60BG
APT40DQ100BG
APT40DQ120BG
APT40DQ60BG
APT60DQ100BG
APT60DQ120BG
APT60DQ60BG
APT75DQ100BG
APT75DQ120BG
APT75DQ60BG
APT100S20BG
APT30S20BG
APT60S20BG

Production Shipment Schedule:

There will be a transition period during which a mix will be shipped of 3-lead with dambar and true 2-lead without dambar as well as a mix of lead finish.



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About Microsemi

Microsemi Corporation (Nasdaq: MSCC) offers a comprehensive portfolio of semiconductor and system solutions for aerospace & defense, communications, data center and industrial markets. Products include high-performance and radiation-hardened analog mixed-signal integrated circuits, FPGAs, SoCs and ASICs; power management products; timing and synchronization devices and precise time solutions, setting the world's standard for time; voice processing devices; RF solutions; discrete components; enterprise storage and communication solutions; security technologies and scalable anti-tamper products; Ethernet solutions; Power-over-Ethernet ICs and midspans; as well as custom design capabilities and services. Microsemi is headquartered in Aliso Viejo, Calif., and has approximately 4,800 employees globally. Learn more at www.microsemi.com.

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Qualification Data:

Qualification data reports can be provided upon request.

Contact Information:

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Power Discretes & Modules Business Unit

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Regards,

Microsemi Corporation

Any projected dates in this PCN are based on the most current product information at the time this PCN is being issued, but they may change due to unforeseen circumstances. For the latest schedule and any other information, please contact your local Microsemi Sales Office, the factory contact shown above, or your local distributor.

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<To be attached only where customer acknowledgement/approval is necessary prior to implementation>

CHANGE APPROVAL SUPPLEMENT

Customer Acknowledgement / Approval for

Product/Process Change Notification No: PPS1105130C32

Microsemi Corporation intends to implement this change 90 days after this notification. Acknowledgement of your company's acceptance of this change is requested per contractual agreement. Response within 30 days is required.

Accepted

Rejected

Signature

Date

Name

Title

Please enter rationale for rejection, if applicable:

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