

**Microsemi Corporation**

August 11, 2017

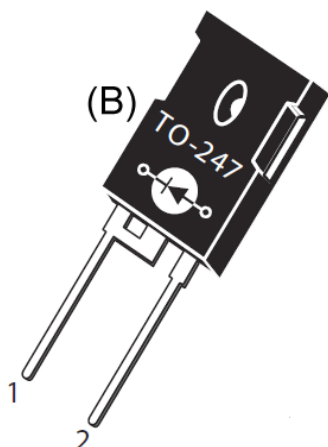
**Product/Process Change Notification No:** PPS1105130C32

**Change Classification:** Minor

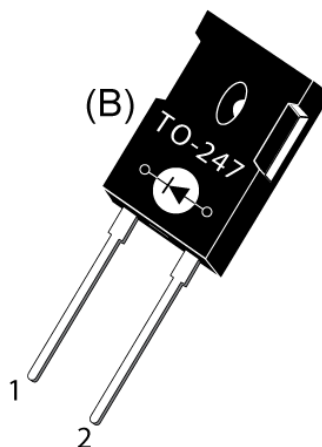
**Subject:** Diode TO-247 package change from 3-lead with dambar to true 2-lead with 100% Sn plate lead finish

**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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**Qualification Data:**

Qualification data reports can be provided upon request.

**Contact Information:**

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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.

This Product/Process Change Notification is confidential and proprietary information of Microsemi and is intended only for distribution by Microsemi to its customers, for customers' use only. It must not be copied or provided to any third party without Microsemi's prior written consent.

<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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