



DATE: 4th September, 2019

PCN #: 2430 – REV 2

PCN Title: Qualification of Additional Wafer Solderable Front Metal Plating, Back Grinding and Back Metal Process Source for Automotive part SBRT3U40P1Q-7

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request within 30 days as well. Otherwise, samples may not be built prior to this change. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team



PRODUCT CHANGE NOTICE

PCN-2430 REV 2

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
4 th September, 2019	4 th December, 2019	Discrete Semiconductors - Automotive	Additional Wafer Solderable Front Metal Plating, Back Grinding, Back Metal Process Source	2430
TITLE				
Qualification of Additional Wafer Solderable Front Metal Plating, Back Grinding and Back Metal Process Source for Automotive part SBRT3U40P1Q-7				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply and improve PowerDI-123 package body strength and manufacturability, Diodes Incorporated has qualified "Diodes Technology (Cheng Du) Company Limited" (CAT) located in Chengdu, China as an additional wafer solderable front metal plating, back grinding and back metal process facility for this PowerDI-123 packaged automotive product.</p> <p>Full electrical characterization and high reliability testing has been completed on the SBRT3U40P1Q-7 and representative part numbers to ensure there is no change to device functionality or electrical specifications in the datasheet. Refer to the attached qualification / reliability report (embedded in this file).</p> <p>REV 2: The following text has been removed from the PCN title and change type/description and will not be implemented as a part of this change; "as well as New Assembly Clip Bond Structure, Lead Frame Type, and Mold Compound changes to enhance PowerDI-123 package".</p>				
IMPACT				
Continuity of Supply. No change in datasheet parameters or product performance.				
PRODUCTS AFFECTED				
SBRT3U40P1Q-7				
WEB LINKS				
Manufacturer's Notice:	https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/			
For More Information Contact:	http://www.diodes.com/contacts			
Data Sheet:	http://www.diodes.com/products			
DISCLAIMER				
Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.				